

2025

PRODUCT GUIDE

METAL CEILING & WALL SYSTEMS



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Project: Grove City Library
Location: Grove City, OH
Product: Box Series, Linear, Wood
Veneer: Cherry (Flat) 9013

ONLINE RESOURCES



SUBMITTAL BUILDER TOOL

Designed to streamline submittal creation, the Submittal Builder Tool offers a user-friendly interface for saving and editing submittals. You can search our comprehensive document library and customize your submittals to match your company's branding with ease.

Jump right in: certainteed.com/inspiration/how-tos/build-a-submittal



ARCHITECTURAL CEILING AND WALL SYSTEMS LOOK BOOK

The CertainTeed Architectural Ceiling and Wall Systems Look Book is an inspirational showcase of specialty ceiling and wall systems. It features high-quality photography of CertainTeed products in commercial and public spaces, including airports, museums, offices, and schools.

View and download the Look Book: pageturnpro.com/CertainTeed/97702-CertainTeed-Architectural-Look-Book/flex.html



CERTAINTEED ONLINE INSPIRATION GALLERY

Need a creative spark? Explore finished projects, galleries, videos, and articles featuring CertainTeed products. Get design tips, project ideas, and stay up-to-date on trends to help transform your space.

Find your flare: certainteed.com/inspiration



DOCUMENTS & DOWNLOADS HUB

Our Documents & Downloads Hub offers quick access to product data sheets, installation instructions, safety information, and warranty details. You can filter by product type, category, or keyword to locate exactly what you need.

Get started: certainteed.com/products/documents-downloads



CERTAINTEED ON ECOMEDES

The Saint-Gobain Ecomedes platform helps you compare sustainable products across the Saint-Gobain family, including CertainTeed. It provides environmental certifications, material health information, and sustainability metrics, making it easier to align with green building standards like LEED and WELL certifications.

Sustain your advantage: saintgobain.ecomedes.com



REP LOCATOR TOOL

As a trusted partner for designers and architects, CertainTeed makes the specifying process simple. Our representatives offer one-on-one consultations to help guide you in choosing the right products for any design, performance, or budget requirement.

Find your representative: certainteed.com/find-a-rep



BIM & REVIT MODELS

Explore our growing library of BIM models for use with Autodesk Revit 2019 in the Saint-Gobain BIM Library. You can search, select, and download product models by keyword, name, or CSI section to streamline your project planning.

Discover our models: bimlibrary.saint-gobain.com



DISTRIBUTOR LOCATOR TOOL

Ready to specify CertainTeed ceilings products for your project? Use our Distributor Locator Tool to find an authorized distributor near you.

Locate a distributor: certainteed.com/where-to-buy

SAINT-GOBAIN: SOLUTIONS FOR TODAY AND TOMORROW

Since 1665, Saint-Gobain has invented, designed, manufactured, and delivered materials that have a tangible, positive impact on people's lives. These solutions are found everywhere: in the home and at the office, in cars and infrastructure, and in high-performance materials vital to health and industrial applications. These diverse innovations include self-cleaning windows, photovoltaic glass, smart insulation systems, and water supply systems.

Today, Saint-Gobain is driven by a single guiding purpose: making the world a better home. Our integrated solutions for the renovation of public and private buildings, light construction, and decarbonization evolve through an ongoing innovation process that yields both performance and sustainability.

As established market leaders, we have a responsibility to better the world—to create comfort even as we help to preserve resources. Our teams work hand-in-hand with our partners to enhance the quality of individual lives while also addressing the societal and environmental challenges facing the planet.

The places we build spark dreams and aspirations. And every day, around the world, more than 171,000 Saint-Gobain employees representing over 100 nationalities work to make this planet a more beautiful, more inclusive, and more sustainable home for all.



CERTAINTEED CEILING AND WALL SYSTEMS

YOUR VISION.
OUR PASSION.



Whether inspiration strikes like lightning or dawns gently, we're here to help you capture that spark. Imagine transforming your space with stunning walls and ceilings, thoughtfully crafted from metal, wood, fiberglass, mineral fiber, gypsum, or felt. Our extensive portfolio ensures the perfect fit for your unique project, no matter the size, style, or budget.

With decades of expertise in manufacturing, installation, engineering, and design, we go beyond aesthetics. We partner with you to deliver sustainable, high-performance solutions that enhance your environment, improve acoustics, and elevate overall occupant comfort.

From concept to completion, we are dedicated to exceeding your expectations and bringing your ideas to life. Let's create something extraordinary together.

THE SINGLE SOURCE FOR INTERIOR SOLUTIONS

As commercial building professionals, you understand the importance of creating spaces that achieve the highest standards of function and occupant well-being. At CertainTeed, we share your commitment to excellence, and our comprehensive range of gypsum, insulation, and ceiling systems are designed to help you succeed in every endeavor.

Our interior products create smart, harmonizing solutions. Ceiling and wall installations that meld aesthetic appeal with exceptional performance. Fire-rated drywall and finishing products that create smooth, durable surfaces. Insulation options that maximize energy efficiency and moisture control. Machines and equipment that boost worker productivity. All brought together as one to streamline your projects. No matter the challenge, we offer the building blocks for constructing superior interior environments.

Through our commitment to innovation, quality, and sustainability, we ensure that your projects meet their maximum potential, and our dedicated team of experts is always available to provide support and guidance. When you need to create state-of-the-art commercial installations that stand the test of time, choose CertainTeed.





certainteed
SAINT-GOBAIN



Getting you to a *YES*

Each space is as unique as those who occupy it. Our full suite of interior products and systems will help you create solutions to meet any challenge.



TAVOLA™ PRIME METAL BEAM CEILING

Continuous-run lightweight beams made from high-recycled aluminum content with perforation patterns for elevated acoustics.



SYMPHONY™ M ACOUSTICAL CEILING

Durable panels with excellent sound absorption and blocking, superior sag resistance, and cleanability.



SILENTFX® QUICKCUT™ INTERIOR DRYWALL

Offers exceptional noise control with high-density gypsum core and sound-dampening polymer laminate.



EZ STAB CLASSIC GRID SYSTEM

Popular 15/16" grid features increased hanger hole frequency and EZ Stab clip technology for quick and easy installation.



MARCO® SPARK-PERF® PAPER TAPE

Spark perforations create a strong bond that resists cracking and peeling, making it ideal for finishing drywall joints in high-stress areas.



LITE ALL-PURPOSE JOINT COMPOUND

A versatile and durable finishing product valued for its light weight, ease of use, and superior strength.



SOFTTOUCH™ DUCT WRAP

HVAC insulation to substantially reduce heat loss and gain, designed for use in settings with high energy costs.



MEMBRAIN™ CONTINUOUS AIR BARRIER & SMART VAPOR RETARDER

Senses and adapts permeance to varying humidity to keep wall cavities dry and improve the energy efficiency of buildings.



INSULPURE® INSULATION

Featuring a formaldehyde-free binding agent, offers sustainable thermal performance plus fast and clean installation.



TYPE X GYPSUM BOARD

Engineered for exceptional fire resistance, features a special gypsum core that outperforms standard drywall in heat and flame resistance.

Constructing a Sustainable Future

CertainTeed is taking action to achieve Net-Zero Carbon Emissions by 2050.



Building Resiliency

Designing innovative materials and driving smarter construction that withstands weather extremes and extends the life of our buildings.



Decarbonizing Construction

Shifting the paradigm toward homes, offices, schools and hotels that emit less carbon throughout their life cycle, from materials and industrial processes through use and demolition.



Circularity is the Solution

Reimagining the design and construction to better manage our resources through circular business practices: waste collection, repurposing materials, and recycling.



Transparency and Performance

Dedicated to healthy environments that take care of people, we are leading in the breadth of our portfolio with HPDs and EPDs.

KNOWLEDGEABLE SERVICE FOR EVERY PROJECT

One of the greatest benefits of teaming up with CertainTeed is a purely practical one.

Like most individuals involved in the commercial design and construction process, you face incredible demands on your time. Our Building Science and Technical Service teams are here to provide the insight and support you need to get your questions answered quickly. When you need a partner you can trust, look to us. We will connect your team with the right people at the right time to streamline practical and creative solutions that will bring your ideas to life.

Expertise to Drive Your Success

Our experts open the door to scientifically based insights that will inform the design of your project and position it for long-term success.

These areas of expertise include:

Acoustics: Understanding the factors behind designing spaces aurally that enhance occupant comfort and productivity.

Biophilia: Understanding the design trend that connects occupants with elements of the natural world and implications for material selection and construction techniques.

Building Codes: Understanding and responding to changing building codes to optimize designs and processes to meet new goals and drive success.

Building Science Principles: Whether the need is basic education or advanced guidance, we help you understand the principal forces affecting your building and how to manage those impacts.

Durability: From design to materials, we will lead you through the choices to help maximize your investment.

Moisture Analysis: How well will your building hold up? Using our construction expertise we will help you understand and decrease the potential impact of moisture and water vapor on your structure over time.

Multi-Comfort: Achieve the acoustical, thermal, and air quality levels that you and your occupants will feel and value.

Sustainability & High-Performance Buildings: Reduce your impact on the environment and navigate the certification programs that can help you achieve your goals.



THE BOTTOM LINE:

**YOU HAVE ACCESS
TO TOP EXPERTS IN
ALL AREAS OF
COMMERCIAL
DESIGN AND
CONSTRUCTION, ON
YOUR TIMELINE AND
YOUR TERMS.**



Project: Tampa International Airport | © Studio 66 LLC
Location: Tampa, FL
Product: 300C Linear Plank
Finish: Natural 7163

Project: City Hall Berkelland
© Roos en Ros & Pieter Kamp
Location: Borculo, Netherlands
Product: Multi-Box Continuous
Finish: Sable Black 5060P

Enduring Excellence

CertainTeed metal ceilings are precision engineered and crafted with premium materials, ensuring longevity and resilience in any space.

METAL



Project: Twin Cities Orthopedics Performance Center | © Bob Perzel

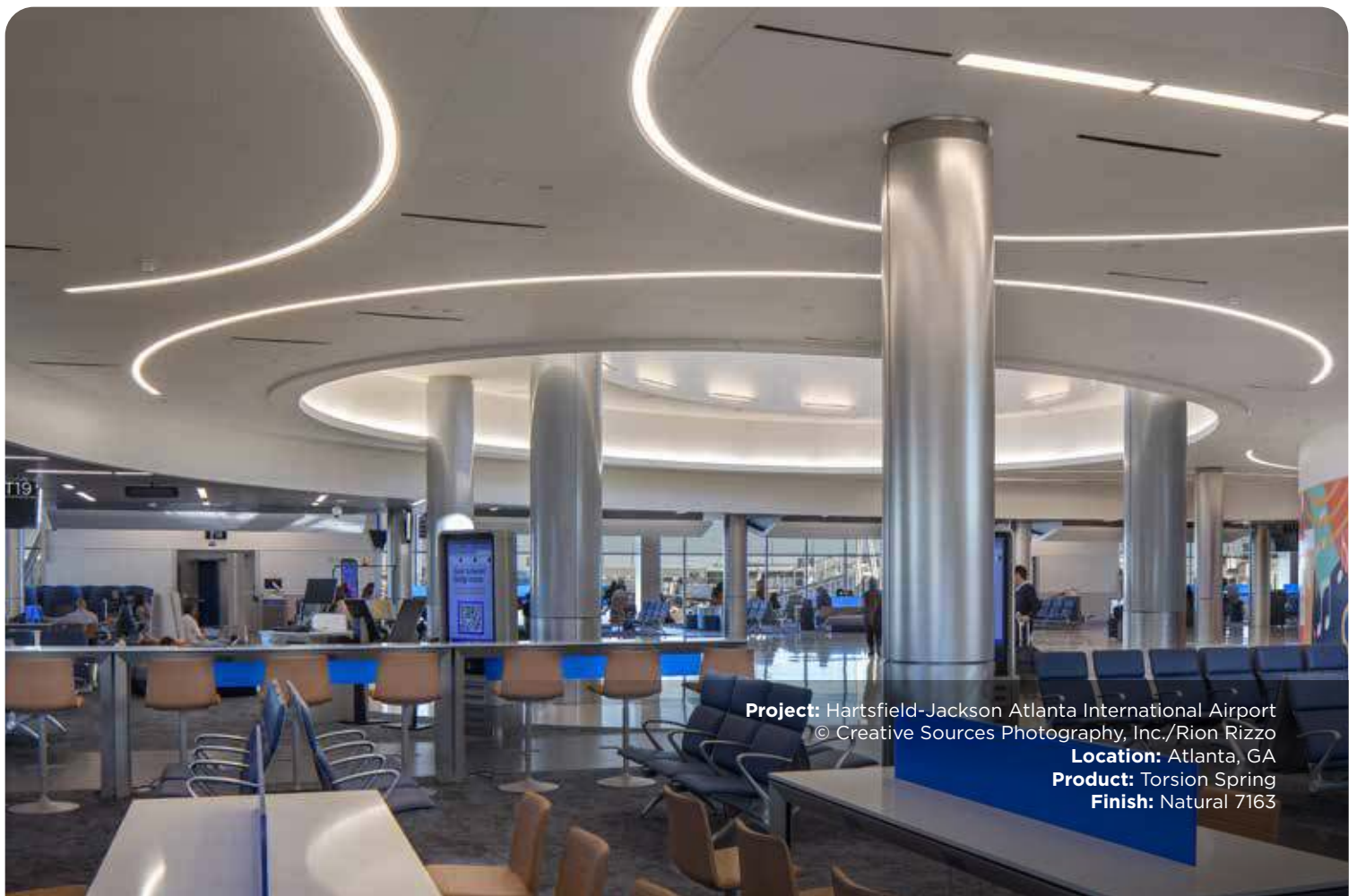
Location: Eagan, MN

Product: High Profile Series™ Straight

Finish: Decorated Wood Look: American Oak 8439



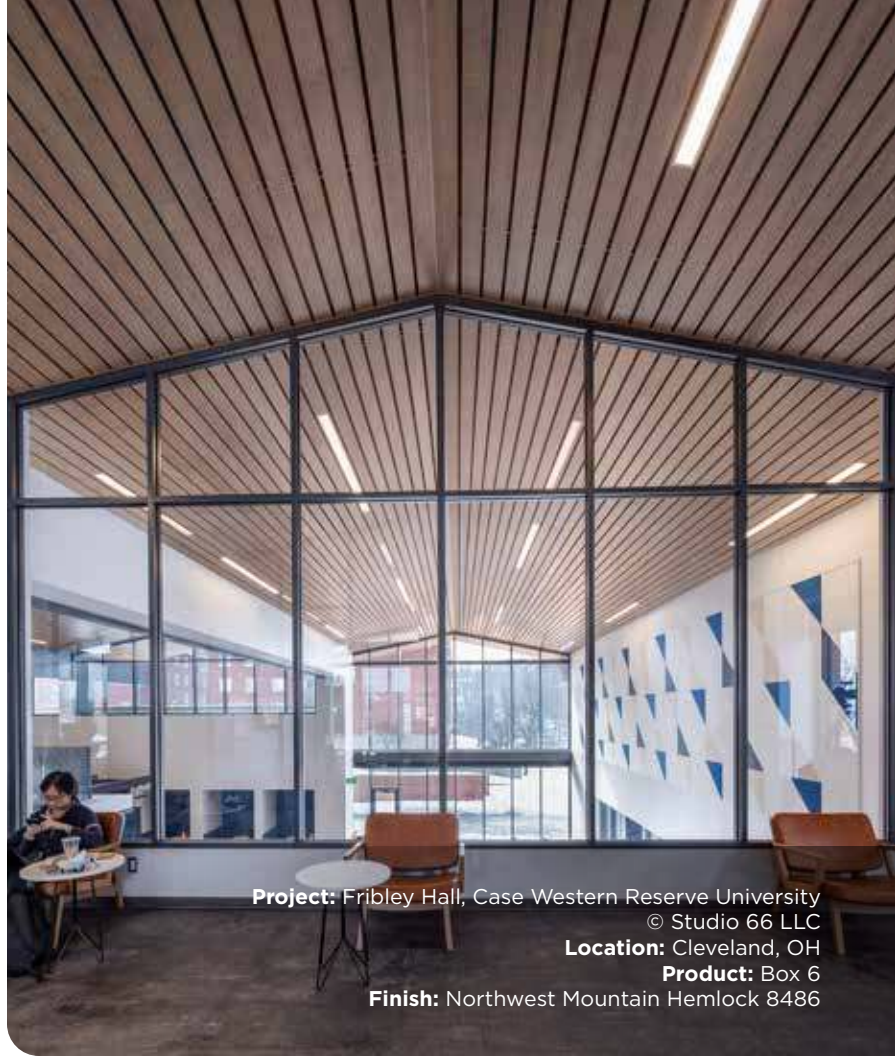
Project: Wallace Elementary School | © Mitchell Stier
Location: Kelso, WA
Product: Multi-Box Continuous
Finish: Wood Veneer: Maple 9427



Project: Hartsfield-Jackson Atlanta International Airport
© Creative Sources Photography, Inc./Rion Rizzo
Location: Atlanta, GA
Product: Torsion Spring
Finish: Natural 7163



Project: Hayward Field, University of Oregon
© Mitchell Stier
Location: Eugene, OR
Product: High Profile Series™
Horizontally Curved
Finish: Natural 7163



Project: Fribley Hall, Case Western Reserve University
© Studio 66 LLC
Location: Cleveland, OH
Product: Box 6
Finish: Northwest Mountain Hemlock 8486



Project: Vanderbilt Owen Graduate School | © Studio 66 LLC
Location: Nashville, TN
Product: Torsion Spring
Finish: Custom Toppan Wood Look Film



Project: Twin Cities Orthopedics
Performance Center | © Bob Perzel
Location: Eagan, MN
Product: High Profile Series™ Straight
Finish: Cotton White 0280



Project: Seattle Center Monorail - Westlake Station | © Mitchell Stier

Location: Seattle, WA

Product: High Profile Series™
Vertically Curved Baffles

Finish: Cotton White 0280



Dive deep into customization with a variety of shapes, sizes, formats, profiles, and perforation options.

Project: Charlotte Douglas International Airport
© Jim Schmid Photography
Location: Charlotte, NC
Product: Custom-Engineered Torsion Spring
Finish: Cotton White 0280



Plank & Tile

Achieve a clean, subtle look with high recycled-content ceilings manufactured to ensure uniformity.



Beams & Baffles

Play it straight or explore horizontal and vertical curves, with or without acoustical capabilities.



Linear Plank

Create a distinctively smooth look with cost-effective options for interior or exterior use.



Linear

Get creative with our linear products where you can choose from a variety of widths, depths, and lengths. Choose from our standard patterns or customize for your own unique designs.



Cell

Define a space by creating interesting shadows and lighting effects while offering easy access to the plenum.



Project: Kowalewski Hall, University of Cincinnati Health | © Studio 66 LLC
Location: Cincinnati, OH
Product: Multi-Box Networks
Finish: Cotton White 0280, Natural 7163



Project: Advarra HQ | © Studio 66 LLC

Location: Columbia, MD

Product: Tavola Frames

Finish: Decorated Wood Look: Light Pecan 8475



Project: Malvern Innovation Center | © CertainTeed

Location: Malvern, PA

Product: Petals

Finish: Decorated Wood Look:
White Oak 8491

Finish with a Flourish

Choose from options that include standard or custom color paints, powder-coat or laminated wood-looks—plus a variety of perforation patterns for added acoustical performance.

With a selection that includes systems capable of withstanding hurricane-strength winds[†], our metal ceilings are built to stand the test of time.

[†] CertainTeed 300C and 150F ceiling products meet Miami-Dade Notice of Acceptance (NOA)



Project: Ramsey Solutions | © Studio 66 LLC
Location: Nashville, TN
Product: 150F - Exterior
Finish: Decorated Wood Look: American Oak 8439

Plank & Tile

PORTFOLIO



Torsion Spring

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Torsion Spring - Curved

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Torsion Spring - Segmented

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Torsion Spring - Geometries

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Torsion Spring - Expressions™ Panels

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Hook-On

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Lay-In

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Lay-In Levels

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Snap-In

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Metalinx™ Ceilings

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Linear

PORTFOLIO



Box Series

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Quick Ship - Linear Metal Box Series

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Deep Box Series

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Continuous Linear Grille

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Multi-Box Continuous

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Multi-Box Networks

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Combi-Line

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300C Linear Plank - Interior

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84R & 84G

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Beams & Baffles

PORTFOLIO



High Profile Series™ - Straight

117



High Profile Series™ - Horizontally Curved

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High Profile Series™ - Vertically Curved

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High Profile Series™ - Frameworks

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Tavola™ Prime Beams & Baffles

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Tavola™ Tall Beams & Baffles

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Tavola™ Divergent Beams & Baffles

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Tavola™ Levels Beams & Baffles

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Tavola™ Canted Beams & Baffles

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Tavola™ Round Beams & Baffles

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Tavola™ Expressions™ Beams & Baffles

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Tavola™ Frames Beams & Baffles

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V-Baffle Fins

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Clouds & Cell

PORTFOLIO



Petals

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Open Cell

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Exterior Soffits

PORTFOLIO



150F - Linear Metal Soffit System



300C Linear Plank - Exterior



Torsion Spring - Exterior



Box Series - Exterior



Deep Box Series - Exterior



Multi-Box Continuous - Exterior

Wall Systems

PORTFOLIO



Metal Walls



Project: King Road Branch Library
Location: Toledo, OH
Product: Multi-Box Continuous - Exterior,
Cotton White 0280, Ivory, Buff, Tan



A photograph of a modern interior space. The wall is covered in dark, square tiles. A purple LED light strip runs along the ceiling. A wooden structure is visible on the right. A red digital display shows '8:40'.

2025

PLANK & TILE PORTFOLIO

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Photo: © Bob Perzel/Minnesota Vikings, US Bank Stadium/Minneapolis, MN

Torsion Spring

The Torsion Spring metal ceiling system features flat and curved ceiling panels that swing down from the ceiling plane for easy plenum access.

Features & Benefits

- Panel sizes:
 - 6" – 36" width up to 120" long
 - 48" width up to 48" long
- Swing-down feature allows point-access and 100% access to plenum
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



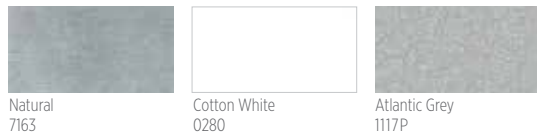
HPD
AVAILABLE

Torsion Spring

Colors & Finishes

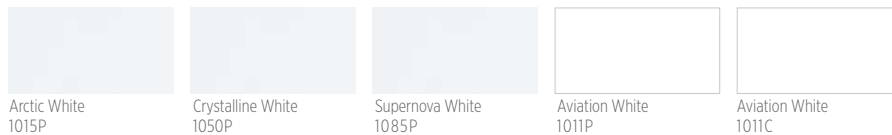
A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish; Aviation White #1011C: Coil-coat paint finish offering - LRV 93 - 5% low gloss finish.



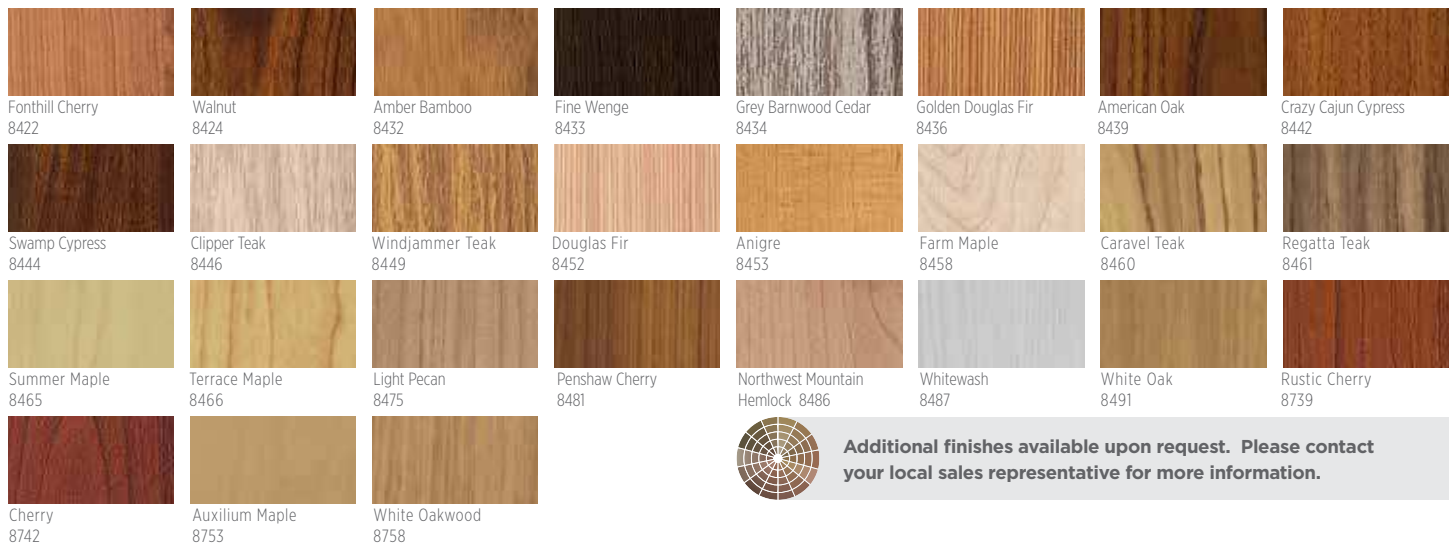
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

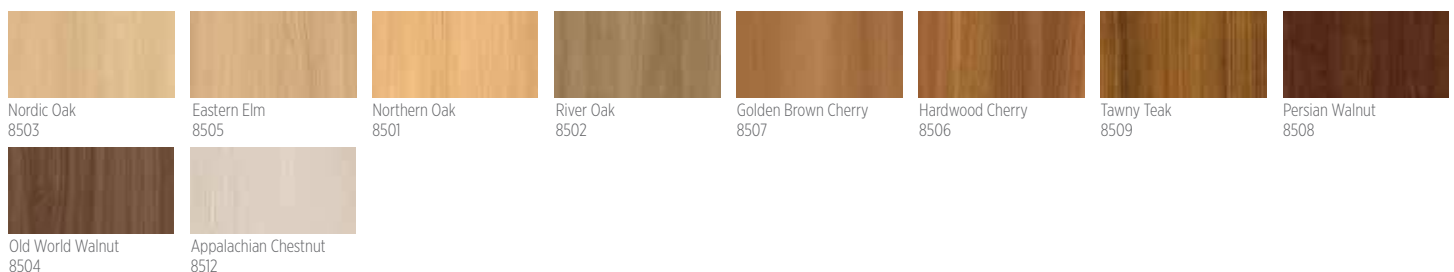
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

Laminated (Film) Wood Finishes

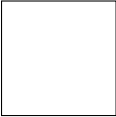
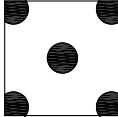
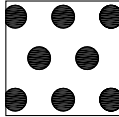
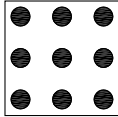
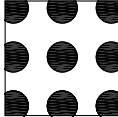
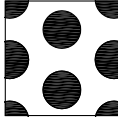
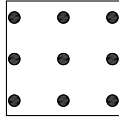
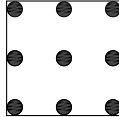
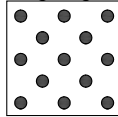
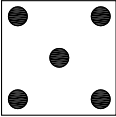
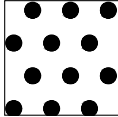
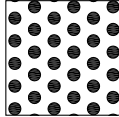
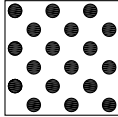
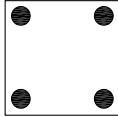
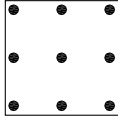
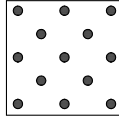
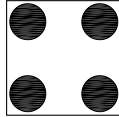
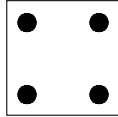
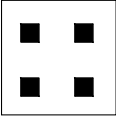
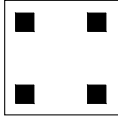
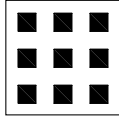
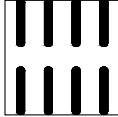
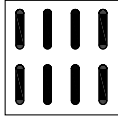
Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Torsion Spring

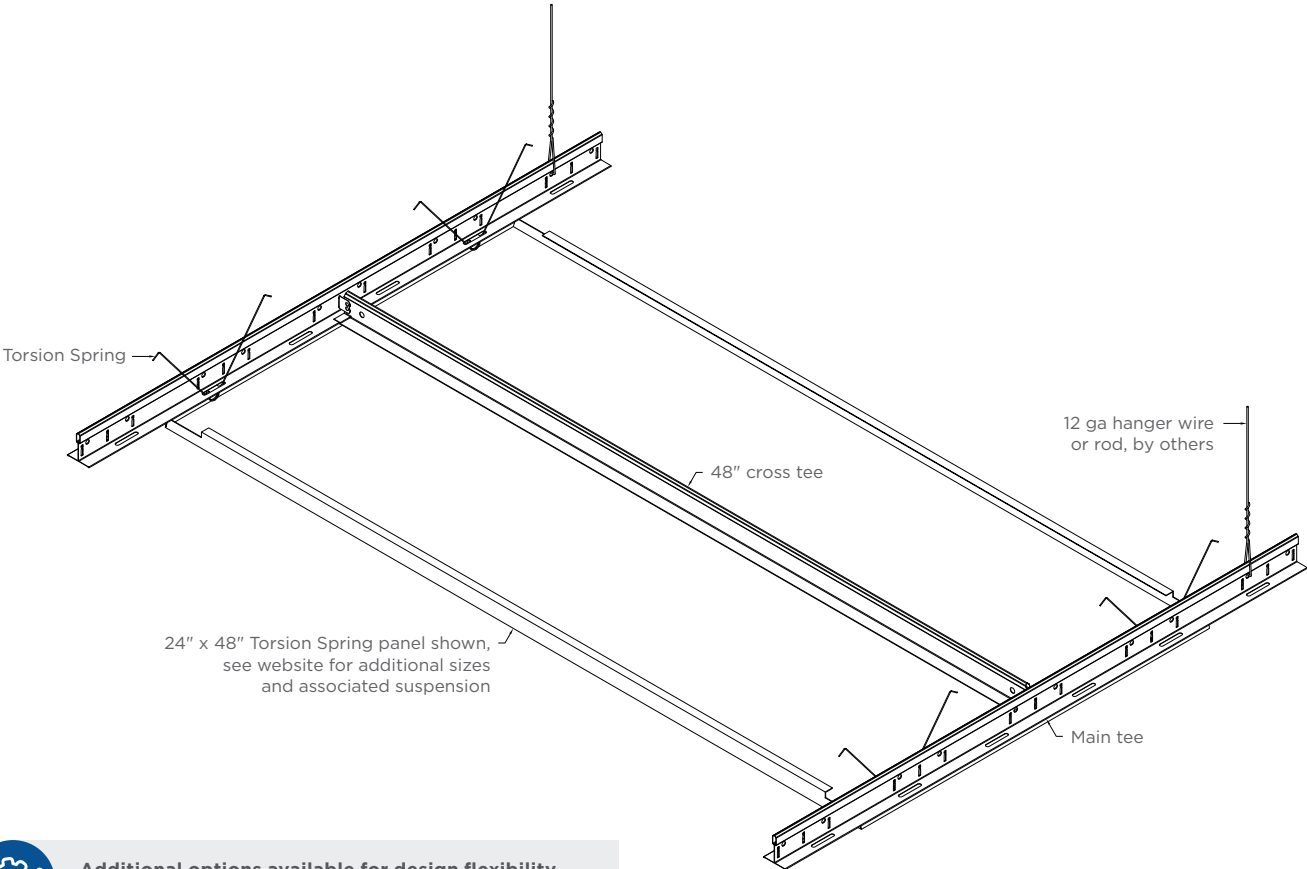
Perforation Patterns

Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

								
Non-perforated	Pattern #102 Perf. dia: .157 in. Open area: 14%	Pattern #103 Perf. dia: .118 in. Open area: 20%	Pattern #106 Perf. dia: .098 in. Open area: 16%	Pattern #107 Perf. dia: .157 in. Open area: 28%	Pattern #109 Perf. dia: .196 in. Open area: 36%	Pattern #111 Perf. dia: .118 in. Open area: 5% Scale 1:2	Pattern #112 Perf. dia: .157 in. Open area: 7% Scale 1:2	Pattern #115 Perf. dia: .063 in. Open area: 12%
								
Pattern #119 Perf. dia: .098 in. Open area: 8%	Pattern #124 Perf. dia: .079 in. Open area: 13%	Pattern #127 Perf. dia: .063 in. Open area: 25%	Pattern #132 Perf. dia: .070 in. Open area: 20%	Pattern #150 Perf. dia: .098 in. Open area: 4%	Pattern #185 Perf. dia: .050 in. Open area: 3.1%	Pattern #188 Perf. dia: .050 in. Open area: 6.3%	Pattern #201 Perf. dia: .375 in. Open area: 19.6% Scale 1:2	Pattern #202 Perf. dia: .375 in. Open area: 5.43% Scale 1:4
								
Pattern #301 Perf.: .375 in. sq. Open area: 11% Scale 1:4	Pattern #315 Perf.: .375 in. sq. Open area: 6.25% Scale 1:4	Pattern #375 Perf.: .375 in. sq. Open area: 25% Scale 1:4	Pattern #750 Perf. .125 in. x .75 in. Open area: 19.2% Scale 1:3	Pattern #625 Perf. .125 in. x .625 in. Open area: 19.5% Scale 1:3				

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Bob Perzel / McCamish Pavilion at Georgia Tech / Atlanta, GA

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 1.6 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code. (for exterior applications)

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish
– Cotton White: LR = 0.81
– Aviation White #1011C: LR = 0.93

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.80 0.90
#106	16%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.85
#115	12%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass 1.5" – 1.5 pcf Polywrapped Fiberglass	0.65 0.95 0.90
#119	8%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.75
#127	25%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.95
#132	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#185	3.1%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.65 0.75
#188	6.3%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#201	19.6%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.



Photo: © Bob Perzel, Greenville-Spartanburg – GSP Airport, Greer, SC

Torsion Spring – Curved

The Torsion Spring – Curved metal ceiling system features curved ceiling panels that swing down from the ceiling plane for easy plenum access.

Features & Benefits

- Two panel size sets with square edge design:
 - 6" – 36" width up to 120" long
 - 48" width up to 48" long
- Swing-down feature allows point-access and 100% access to plenum
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Torsion Spring – Curved

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

Standard Metallic



Brushed Aluminum
0004

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish; Aviation White #1011C: Coil-coat paint finish offering – LRV 93 – 5% low gloss finish.



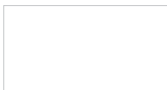
Arctic White
1015P



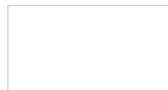
Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P



Aviation White
1011C

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Laminated (Film) Wood Finishes

Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Nordic Oak
8503



Eastern Elm
8505



Northern Oak
8501



River Oak
8502



Golden Brown Cherry
8507



Hardwood Cherry
8506



Tawny Teak
8509



Persian Walnut
8508



Old World Walnut
8504

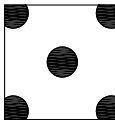
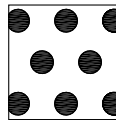
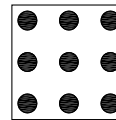
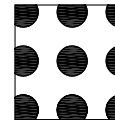
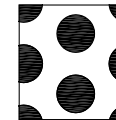
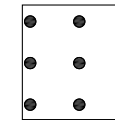
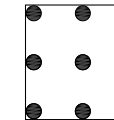
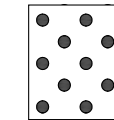
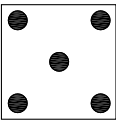
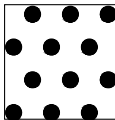
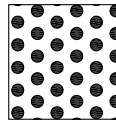
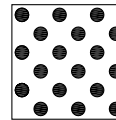
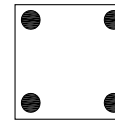
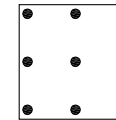
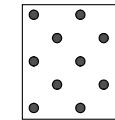
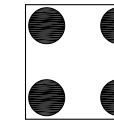
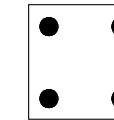
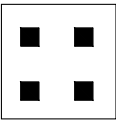
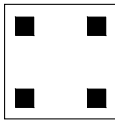
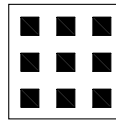
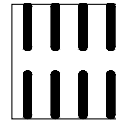
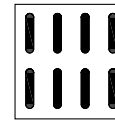


Appalachian Chestnut
8512

Torsion Spring - Curved

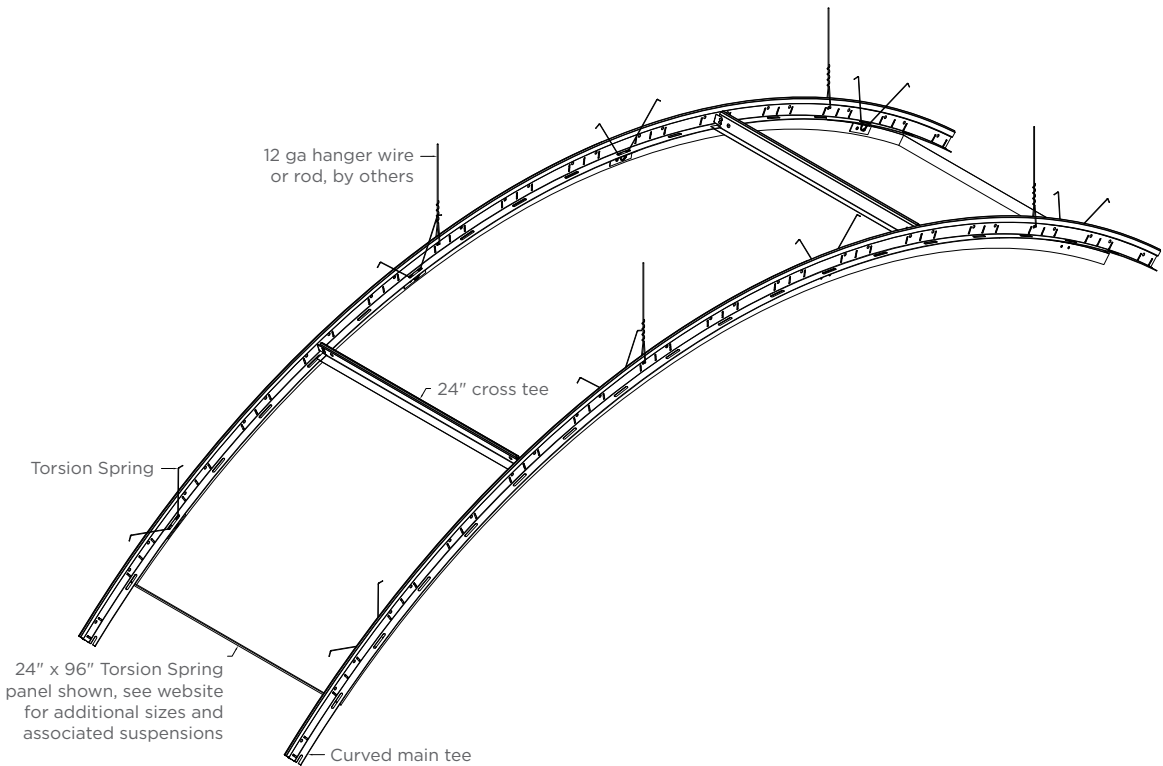
Perforation Patterns

Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

								
Non-perforated	Pattern #102 Perf. dia: .157 in. Open area: 14%	Pattern #103 Perf. dia: .118 in. Open area: 20%	Pattern #106 Perf. dia: .098 in. Open area: 16%	Pattern #107 Perf. dia: .157 in. Open area: 28%	Pattern #109 Perf. dia: .196 in. Open area: 36%	Pattern #111 Perf. dia: .118 in. Open area: 5% Scale 1:2	Pattern #112 Perf. dia: .157 in. Open area: 7% Scale 1:2	Pattern #115 Perf. dia: .063 in. Open area: 12%
								
Pattern #119 Perf. dia: .098 in. Open area: 8%	Pattern #124 Perf. dia: .079 in. Open area: 13%	Pattern #127 Perf. dia: .063 in. Open area: 25%	Pattern #132 Perf. dia: .070 in. Open area: 20%	Pattern #150 Perf. dia: .098 in. Open area: 4%	Pattern #185 Perf. dia: .050 in. Open area: 3.1%	Pattern #188 Perf. dia: .050 in. Open area: 6.3%	Pattern #201 Perf. dia: .375 in. Open area: 19.6% Scale 1:2	Pattern #202 Perf. dia: .375 in. Open area: 5.43% Scale 1:4
								
Pattern #301 Perf.: .375 in. sq. Open area: 11% Scale 1:4	Pattern #315 Perf.: .375 in. sq. Open area: 6.25% Scale 1:4	Pattern #375 Perf.: .375 in. sq. Open area: 25% Scale 1:4	Pattern #750 Perf.: .125 in. x .75 in. Open area: 19.2% Scale 1:3	Pattern #625 Perf.: .125 in. x .625 in. Open area: 19.5% Scale 1:3				

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Bob Perzel / KFC Yum! Center / Louisville, KY

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 1.6 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,

Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,

Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish

– Cotton White: LR = 0.81

– Aviation White #1011C: LR = 0.93

WARRANTY

1-year Limited Warranty.

Full warranty information
can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	Non-Woven Acoustic	0.80
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#106	16%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.85
#115	12%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.95
		1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
#119	8%	Non-Woven Acoustic	0.70
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75
#127	25%	Non-Woven Acoustic	0.70
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.95
#132	20%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#185	3.1%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75
#188	6.3%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#201	19.6%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



Photo: © Taube Photography, PHX Sky Harbor Airport – Terminal 3, Phoenix, AZ

Torsion Spring – Segmented

Our Torsion Spring – Segmented ceiling system is a popular alternative to curved panels, allowing the use of downward accessible flat panels in a curved ceiling.

Features & Benefits

- Two panel size sets with square edge design:
 - 6" – 36" width up to 120" long
 - 48" width up to 48" long
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Torsion Spring - Segmented

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

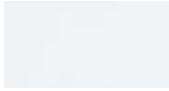
Standard Metallic



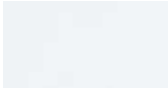
Brushed Aluminum
0004

White Finish Options

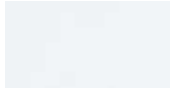
Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish; Aviation White #1011C: Coil-coat paint finish offering - LRV 93 - 5% low gloss finish.



Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P



Aviation White
1011C

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



White Oakwood
8758



Additional finishes available upon request. Please contact your local sales representative for more information.

Laminated (Film) Wood Finishes

Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Nordic Oak
8503



Eastern Elm
8505



Northern Oak
8501



River Oak
8502



Golden Brown Cherry
8507



Hardwood Cherry
8506



Tawny Teak
8509



Persian Walnut
8508



Old World Walnut
8504

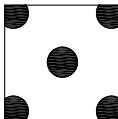
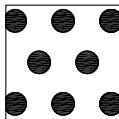
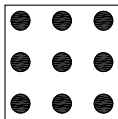
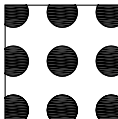
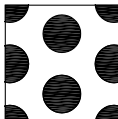
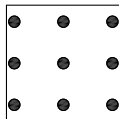
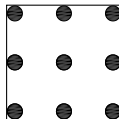
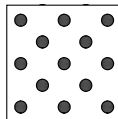
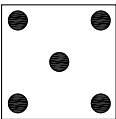
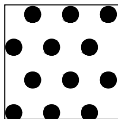
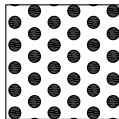
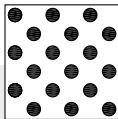
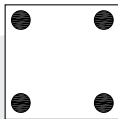
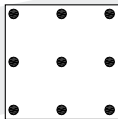
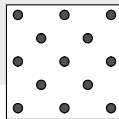
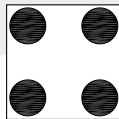
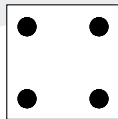
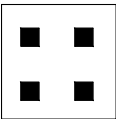
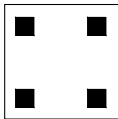
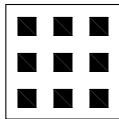
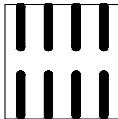
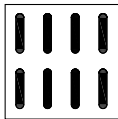


Appalachian Chestnut
8512

Torsion Spring - Segmented

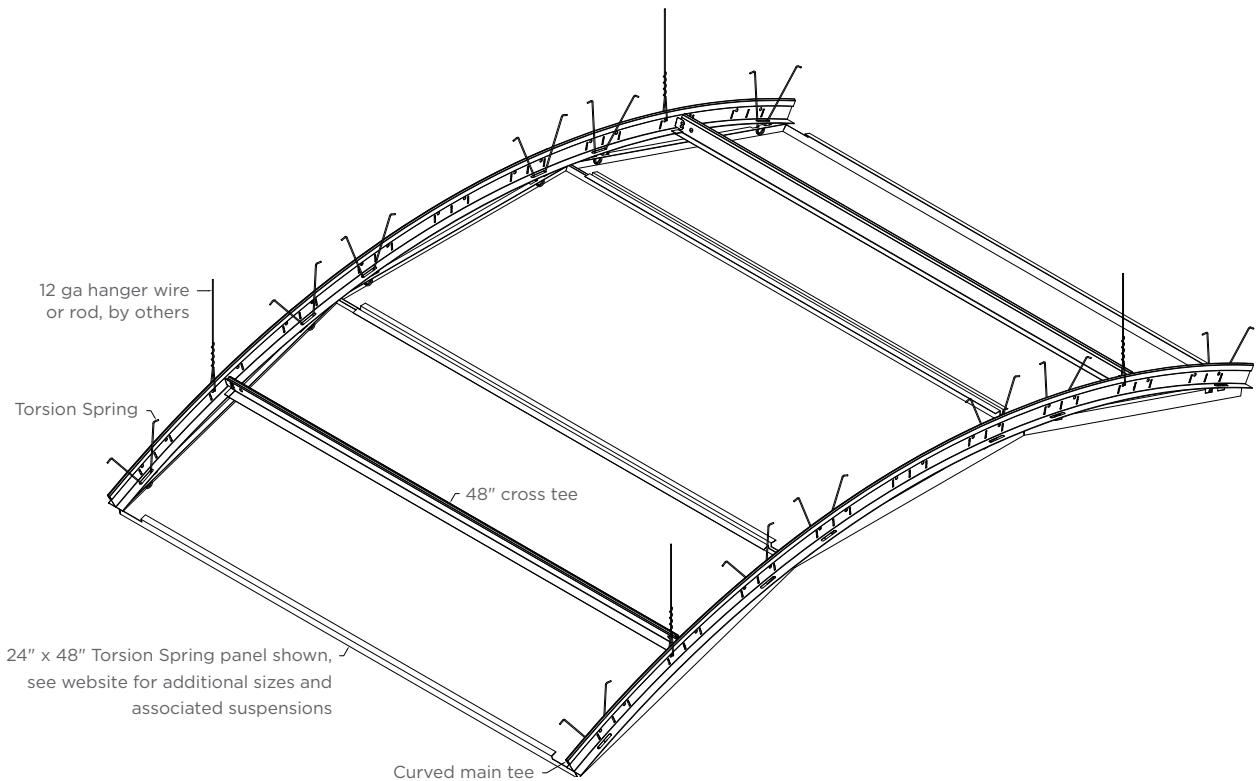
Perforation Patterns

Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

 Non-perforated	 Pattern #102 Perf. dia: .157 in. Open area: 14%	 Pattern #103 Perf. dia: .118 in. Open area: 20%	 Pattern #106 Perf. dia: .098 in. Open area: 16%	 Pattern #107 Perf. dia: .157 in. Open area: 28%	 Pattern #109 Perf. dia: .196 in. Open area: 36%	 Pattern #111 Perf. dia: .118 in. Open area: 5% Scale 1:2	 Pattern #112 Perf. dia: .157 in. Open area: 7% Scale 1:2	 Pattern #115 Perf. dia: .063 in. Open area: 12%
 Pattern #119 Perf. dia: .098 in. Open area: 8%	 Pattern #124 Perf. dia: .079 in. Open area: 13%	 Pattern #127 Perf. dia: .063 in. Open area: 25%	 Pattern #132 Perf. dia: .070 in. Open area: 20%	 Pattern #150 Perf. dia: .098 in. Open area: 4%	 Pattern #185 Perf. dia: .050 in. Open area: 3.1%	 Pattern #188 Perf. dia: .050 in. Open area: 6.3%	 Pattern #201 Perf. dia: .375 in. Open area: 19.6% Scale 1:2	 Pattern #202 Perf. dia: .375 in. Open area: 5.43% Scale 1:4
 Pattern #301 Perf.: .375 in. sq. Open area: 11% Scale 1:4	 Pattern #315 Perf.: .375 in. sq. Open area: 6.25% Scale 1:4	 Pattern #375 Perf.: .375 in. sq. Open area: 25% Scale 1:4	 Pattern #750 Perf.: .125 in. x .75 in. Open area: 19.2% Scale 1:3	 Pattern #625 Perf.: .125 in. x .625 in. Open area: 19.5% Scale 1:3				

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Jim Schmid Photography / Charlotte Douglas International Airport / Charlotte, NC

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 1.6 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,

Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,

Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code. (for exterior applications)

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Varies with finish

– Cotton White: LR = 0.81

– Aviation White #1011C: LR = 0.93

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.80 0.90
#106	16%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.85
#115	12%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass 1.5" – 1.5 pcf Polywrapped Fiberglass	0.65 0.95 0.90
#119	8%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.75
#127	25%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.95
#132	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#185	3.1%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.65 0.75
#188	6.3%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#201	19.6%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



Photo: © Bob Perzel, ADPRO Sports Training Facility, Orchard Park, NY

Torsion Spring – Geometries

The Torsion Spring – Geometries metal ceiling system features symmetrically shaped panels that swing down from the ceiling plane for easy plenum access.

Features & Benefits

- Two panel size sets with square edge design:
 - 6" – 36" width up to 120" long
 - 48" width up to 48" long
- Swing-down feature allows point-access and 100% access to plenum
- Geometrically shaped panels
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with light-weight aluminum
- Easy installation – no fasteners/tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



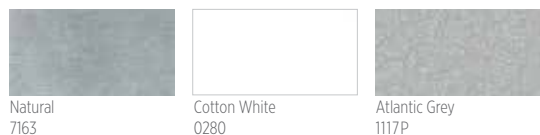
HPD
AVAILABLE

Torsion Spring – Geometries

Colors & Finishes

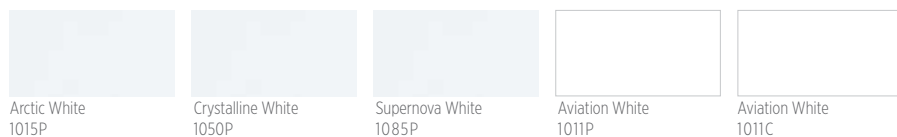
A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish; Aviation White #1011C: Coil-coat paint finish offering – LRV 93 – 5% low gloss finish.



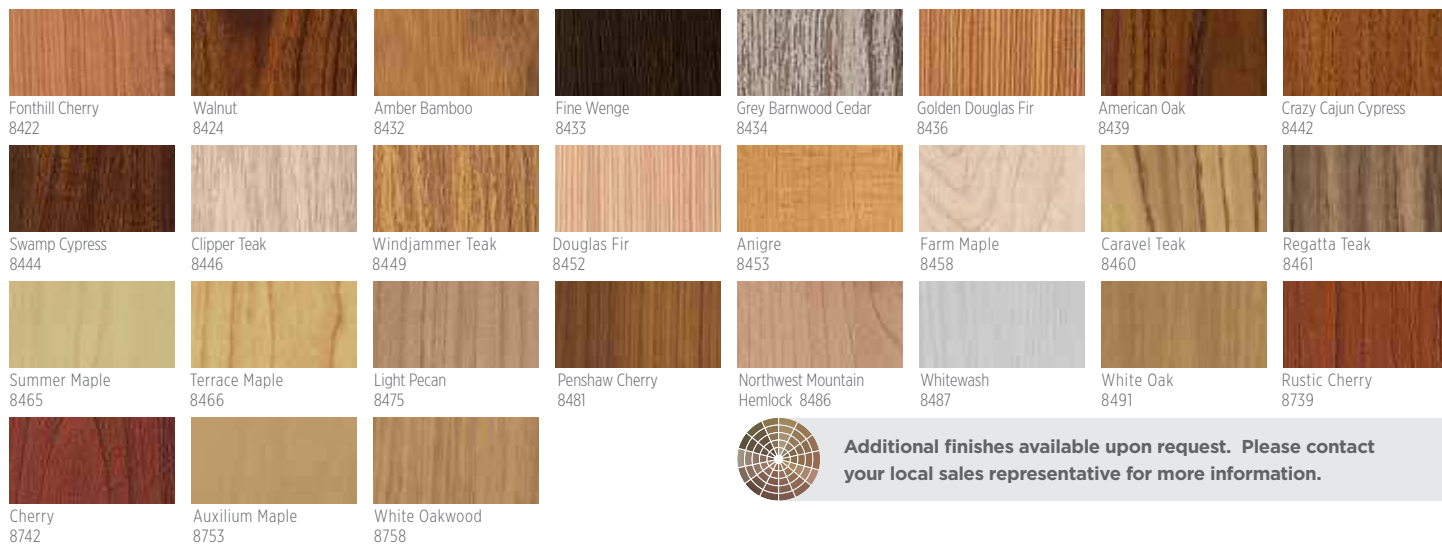
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



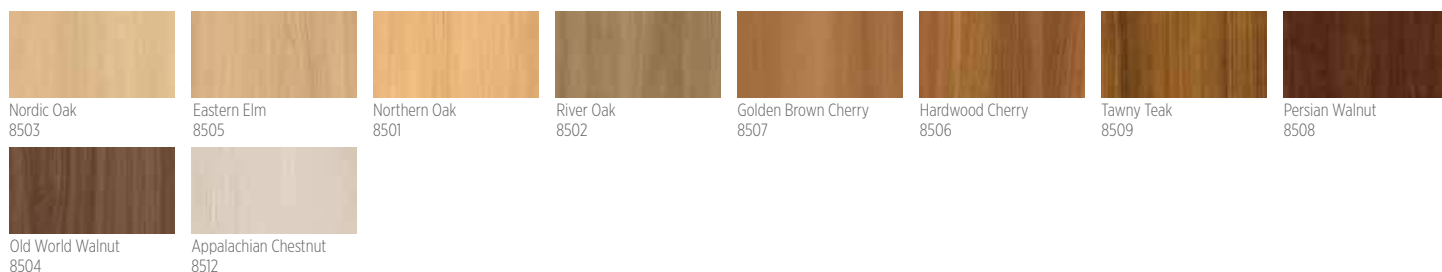
Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Laminated (Film) Wood Finishes

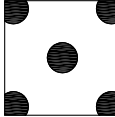
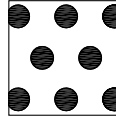
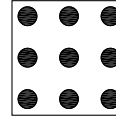
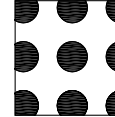
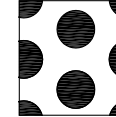
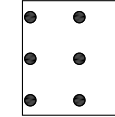
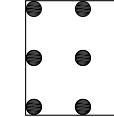
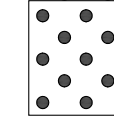
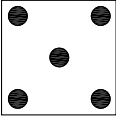
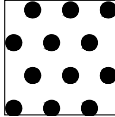
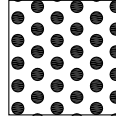
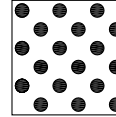
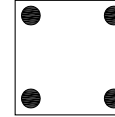
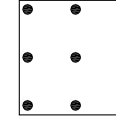
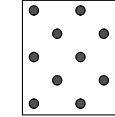
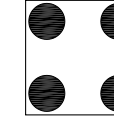
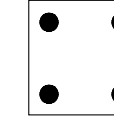
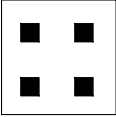
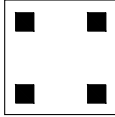
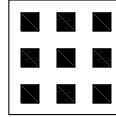
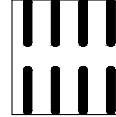
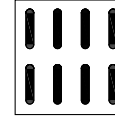
Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Torsion Spring - Geometries

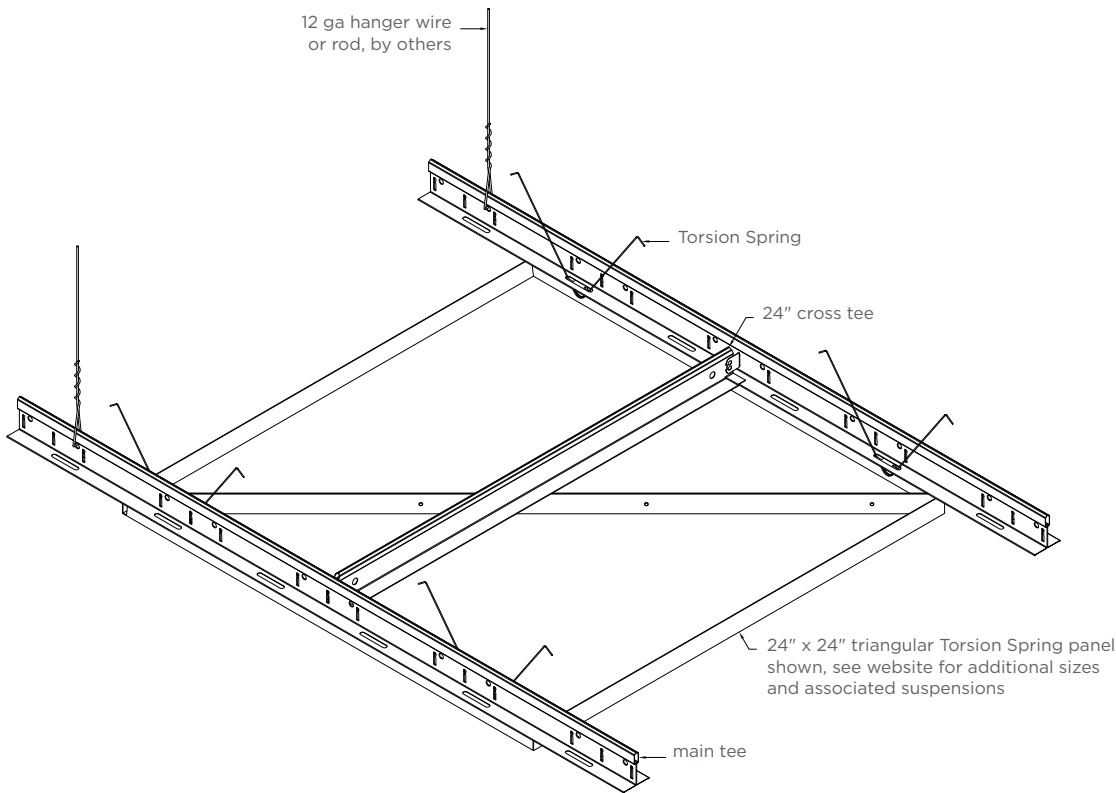
Perforation Patterns

Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

								
Non-perforated	Pattern #102 Perf. dia: .157 in. Open area: 14%	Pattern #103 Perf. dia: .118 in. Open area: 20%	Pattern #106 Perf. dia: .098 in. Open area: 16%	Pattern #107 Perf. dia: .157 in. Open area: 28%	Pattern #109 Perf. dia: .196 in. Open area: 36%	Pattern #111 Perf. dia: .118 in. Open area: 5% Scale 1:2	Pattern #112 Perf. dia: .157 in. Open area: 7% Scale 1:2	Pattern #115 Perf. dia: .063 in. Open area: 12%
								
Pattern #119 Perf. dia: .098 in. Open area: 8%	Pattern #124 Perf. dia: .079 in. Open area: 13%	Pattern #127 Perf. dia: .063 in. Open area: 25%	Pattern #132 Perf. dia: .070 in. Open area: 20%	Pattern #150 Perf. dia: .098 in. Open area: 4%	Pattern #185 Perf. dia: .050 in. Open area: 3.1%	Pattern #188 Perf. dia: .050 in. Open area: 6.3%	Pattern #201 Perf. dia: .375 in. Open area: 19.6% Scale 1:2	Pattern #202 Perf. dia: .375 in. Open area: 5.43% Scale 1:4
								
Pattern #301 Perf.: .375 in. sq. Open area: 11% Scale 1:4	Pattern #315 Perf.: .375 in. sq. Open area: 6.25% Scale 1:4	Pattern #375 Perf.: .375 in. sq. Open area: 25% Scale 1:4	Pattern #750 Perf. .125 in. x .75 in. Open area: 19.2% Scale 1:3	Pattern #625 Perf. .125 in. x .625 in. Open area: 19.5% Scale 1:3				

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Bob Perzel / ADPRO Sports Training Facility / Orchard Park, NY

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 1.6 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,

Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,

Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish

– Cotton White: LR = 0.81

– Aviation White #1011C: LR = 0.93

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	Non-Woven Acoustic	0.80
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#106	16%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.85
#115	12%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.95
		1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
#119	8%	Non-Woven Acoustic	0.70
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75
#127	25%	Non-Woven Acoustic	0.70
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.95
#132	20%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#185	3.1%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75
#188	6.3%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#201	19.6%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



Architectural Rendering: © CertainTeed, Corporate Office

Torsion Spring – Expressions™ Panels

The Torsion Spring – Expressions™ Panels metal ceiling system features standard or customizable perforation options that allow you to fill your ceiling canvas with an array of geometric, fluid, or abstract patterns.

Features & Benefits

- Panel sizes:
 - 2' x 2'
 - 2' x 4'
- Custom perforate an image across multiple panels
- Five patent-pending perforation patterns plus custom design capability
- Swing-down feature allows 100% full downward accessibility to the plenum
- Waste reduction with factory fabricated dimensional material
- Down weight: reduce dead load with lightweight aluminum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services
- Interior application only

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD
GOLD CERTIFIED



EPD
AVAILABLE



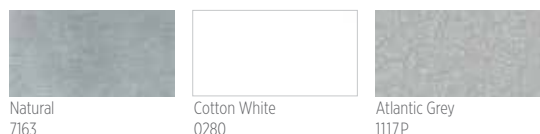
HPD
AVAILABLE

Torsion Spring – Expressions™ Panels

Colors & Finishes

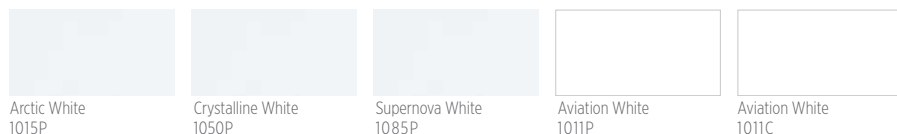
A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish; Aviation White #1011C: Coil-coat paint finish offering – LRV 93 – 5% low gloss finish.



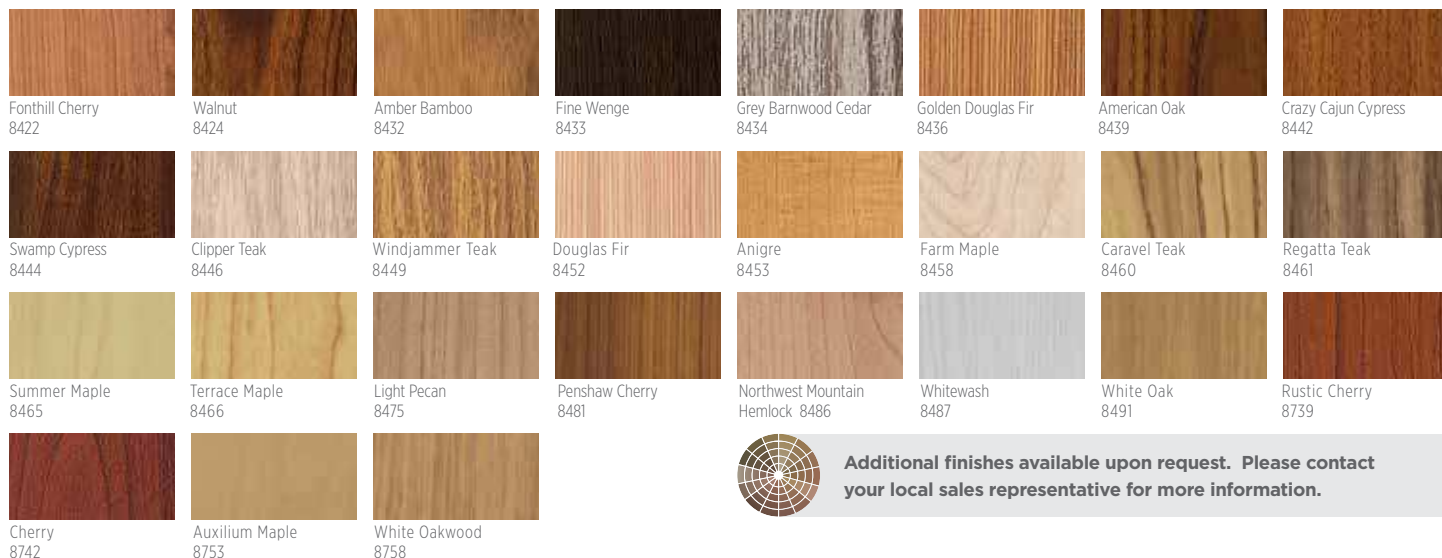
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

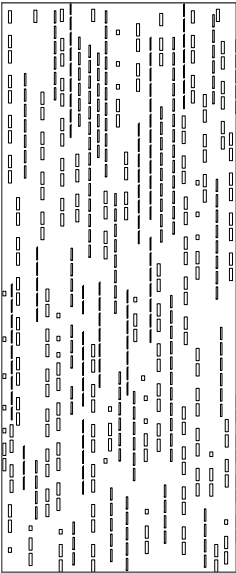


Additional finishes available upon request. Please contact your local sales representative for more information.

Torsion Spring - Expressions™ Panels

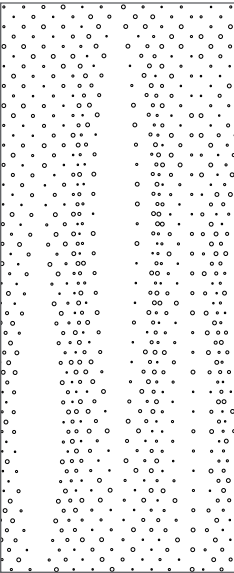
Perforation Patterns

Rain



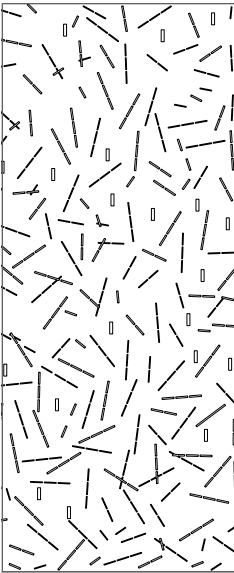
Panel Pattern A
Open Area - 8.1%
(2' x 2' & 2' x 4')

Waves



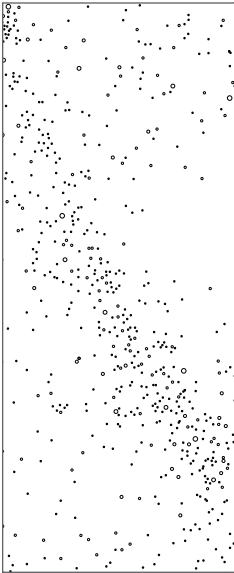
Panel Pattern A
Open Area - 3.5%
(2' x 2' & 2' x 4')

Confetti



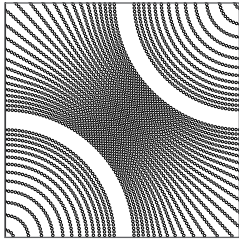
Panel Pattern A
Open Area - 4.2%
(2' x 2' & 2' x 4')

Midnight Star



Panel Pattern A
Open Area - 1.1%
(2' x 2' & 2' x 4')

Circles



Panel Pattern A
Open Area - 23.3%
(2' x 2' only)

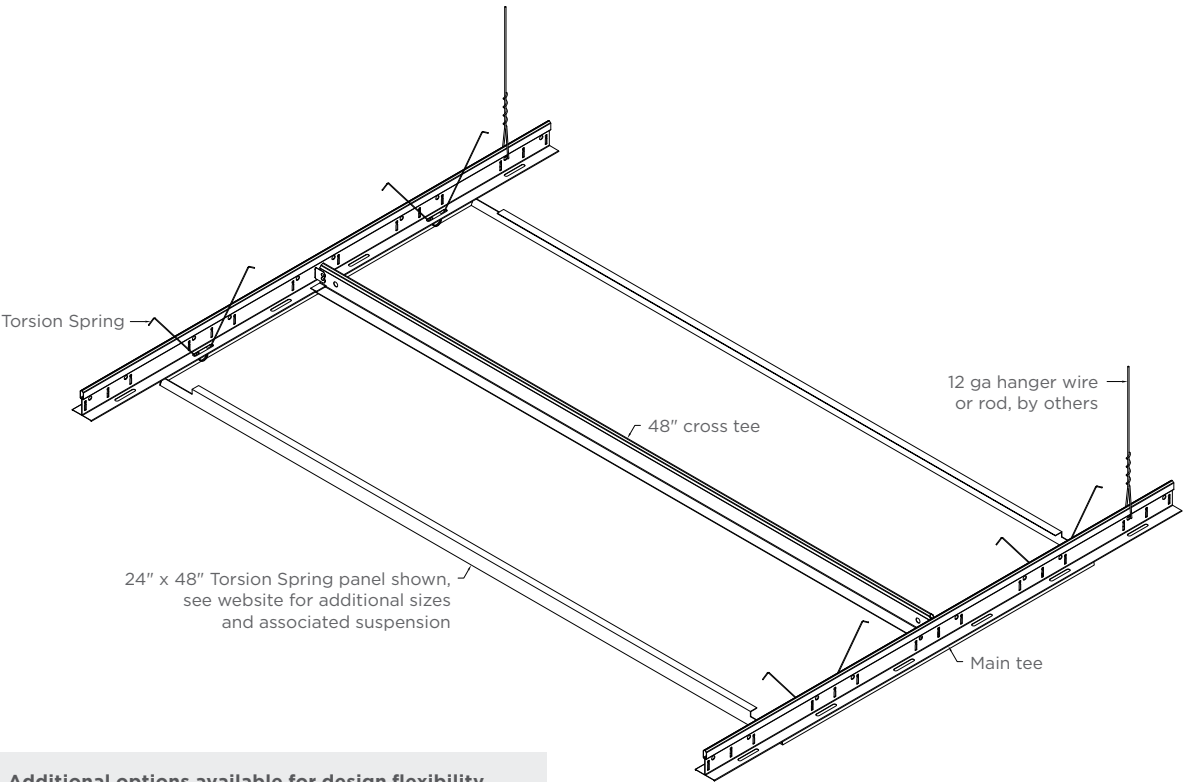
Custom Design
2' x 2' & 2' x 4'



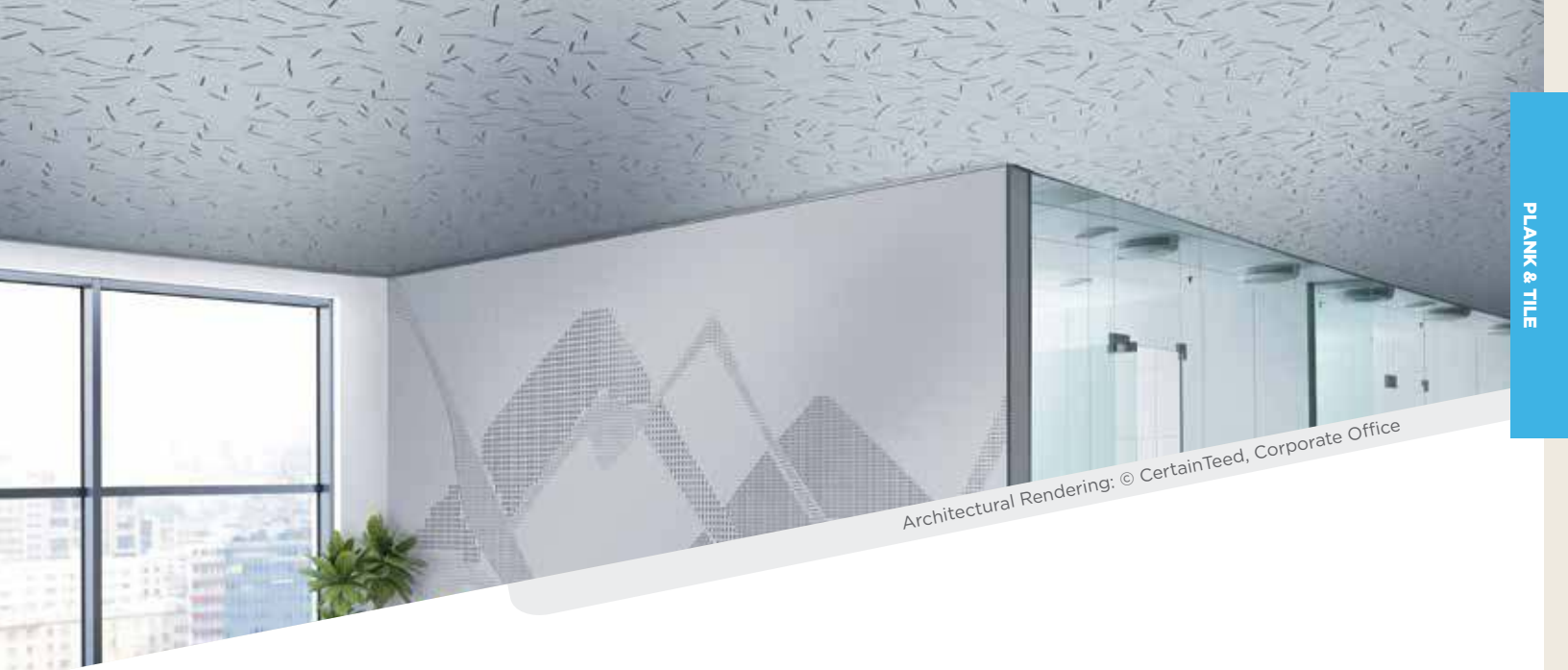
Additional perforation pattern variations are available to prevent repetition in the ceiling or wall installation. Visit the website to learn more.

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.



Architectural Rendering: © CertainTeed, Corporate Office

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 1.5 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

- Varies with finish
- Cotton White: LR = 0.81
- Aviation White #1011C: LR = 0.93

WARRANTY

1-year Limited Warranty.

Full warranty information
can be found at

certainteed.com/warranty

Acoustical tests performed in accordance with ASTM C423 in a type E400 mounting.

Test reports available upon request.



Photo: © Bob Perzel, UNC Charlotte PORTAL Bldg Cafe, Charlotte, NC

Hook-On

Hook-On metal ceiling systems offer simple and customizable ceiling solutions.

Features & Benefits

- Two panel size sets with square edge design:
 - 6" to 24" widths up to 120" long
 - 30" width up to 60" long
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 85%
✓	EA: Optimize Energy Performance
✓	MR: Building Product Disclosure
✓	EQ: Low-Emitting Materials
✓	EQ: Indoor Air Quality Assessment
✓	EQ: Daylight
✓	EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Hook-On

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

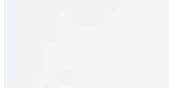
Standard Metallic



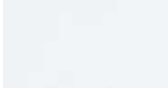
Brushed Aluminum
0004

White Finish Options

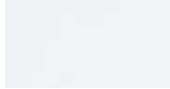
Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish; Aviation White #1011C: Coil-coat paint finish offering - LRV 93 - 5% low gloss finish.



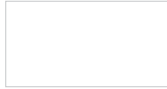
Arctic White
1015P



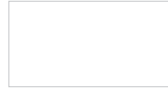
Crystalline White
1050P



Supernova White
1085P



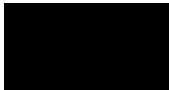
Aviation White
1011P



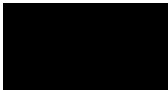
Aviation White
1011C

Black Finish Options

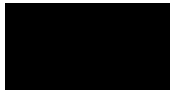
Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



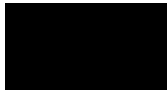
Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Stainless Steel Options

Substrate: stainless steel.
Object shows reflectivity of finish.



2B Satin
7772C



#4 Brushed
7774C



#8 Mirror
7778C

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



White Oakwood
8758



Additional finishes available upon request. Please contact your local sales representative for more information.

Laminated (Film) Wood Finishes

Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Nordic Oak
8503



Eastern Elm
8505



Northern Oak
8501



River Oak
8502



Golden Brown Cherry
8507



Hardwood Cherry
8506



Tawny Teak
8509



Persian Walnut
8508



Old World Walnut
8504

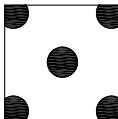
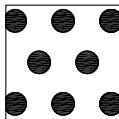
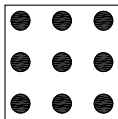
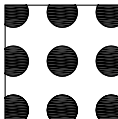
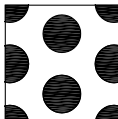
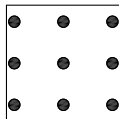
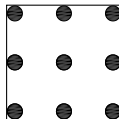
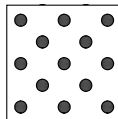
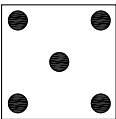
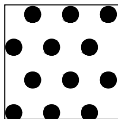
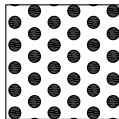
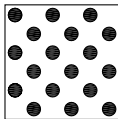
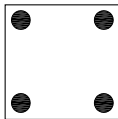
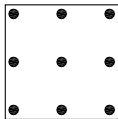
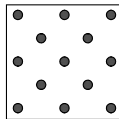
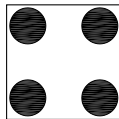
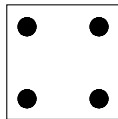
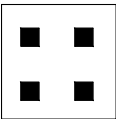
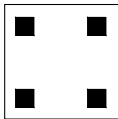
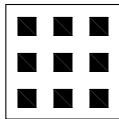
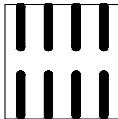
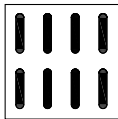


Appalachian Chestnut
8512

Hook-On

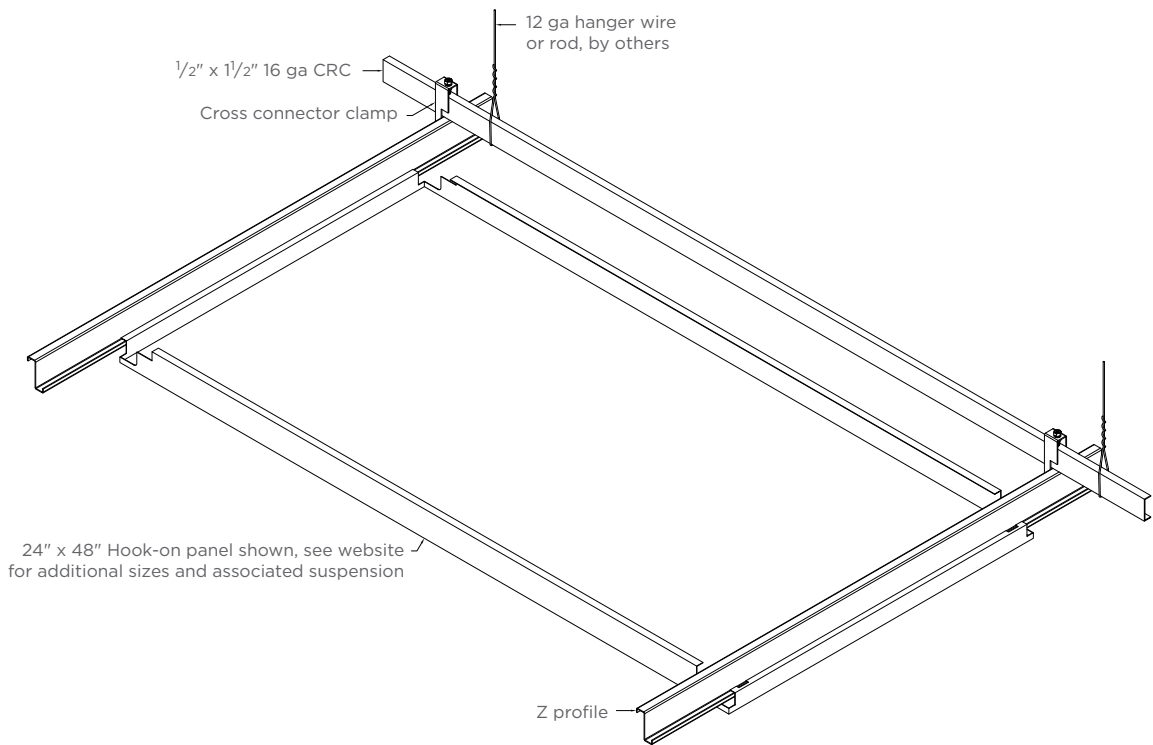
Perforation Patterns

Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

								
Non-perforated	Pattern #102 Perf. dia: .157 in. Open area: 14%	Pattern #103 Perf. dia: .118 in. Open area: 20%	Pattern #106 Perf. dia: .098 in. Open area: 16%	Pattern #107 Perf. dia: .157 in. Open area: 28%	Pattern #109 Perf. dia: .196 in. Open area: 36%	Pattern #111 Perf. dia: .118 in. Open area: 5% Scale 1:2	Pattern #112 Perf. dia: .157 in. Open area: 7% Scale 1:2	Pattern #115 Perf. dia: .063 in. Open area: 12%
								
Pattern #119 Perf. dia: .098 in. Open area: 8%	Pattern #124 Perf. dia: .079 in. Open area: 13%	Pattern #127 Perf. dia: .063 in. Open area: 25%	Pattern #132 Perf. dia: .070 in. Open area: 20%	Pattern #150 Perf. dia: .098 in. Open area: 4%	Pattern #185 Perf. dia: .050 in. Open area: 3.1%	Pattern #188 Perf. dia: .050 in. Open area: 6.3%	Pattern #201 Perf. dia: .375 in. Open area: 19.6% Scale 1:2	Pattern #202 Perf. dia: .375 in. Open area: 5.43% Scale 1:4
								
Pattern #301 Perf.: .375 in. sq. Open area: 11% Scale 1:4	Pattern #315 Perf.: .375 in. sq. Open area: 6.25% Scale 1:4	Pattern #375 Perf.: .375 in. sq. Open area: 25% Scale 1:4	Pattern #750 Perf. .125 in. x .75 in. Open area: 19.2% Scale 1:3	Pattern #625 Perf. .125 in. x .625 in. Open area: 19.5% Scale 1:3				

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Bob Perzel / Wentworth Institute of Technology / Boston, MA

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 1.6 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish
– Cotton White: LR = 0.81
– Aviation White #1011C: LR = 0.93

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	Non-Woven Acoustic	0.80
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#106	16%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.85
#115	12%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.95
		1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
#119	8%	Non-Woven Acoustic	0.70
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75
#127	25%	Non-Woven Acoustic	0.70
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.95
#132	20%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#185	3.1%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75
#188	6.3%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#201	19.6%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.



Photo: © Bob Perzel, The Empire Mall, Sioux Falls, SD

Lay-In

Lay-in metal ceilings are offered in a wide range of sizes, with square, flush or reveal edge details for standard grid options.

Features & Benefits

- Two panel size sets:
 - 6", 12", 18", 20", 24" widths up to 96" long
 - 30" width up to 60" long
- Edge options: square, flush, reveal
- Curved Lay-in available
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with light-weight aluminum
- Easy installation – no fasteners/tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE

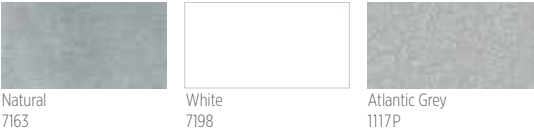


HPD
AVAILABLE

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

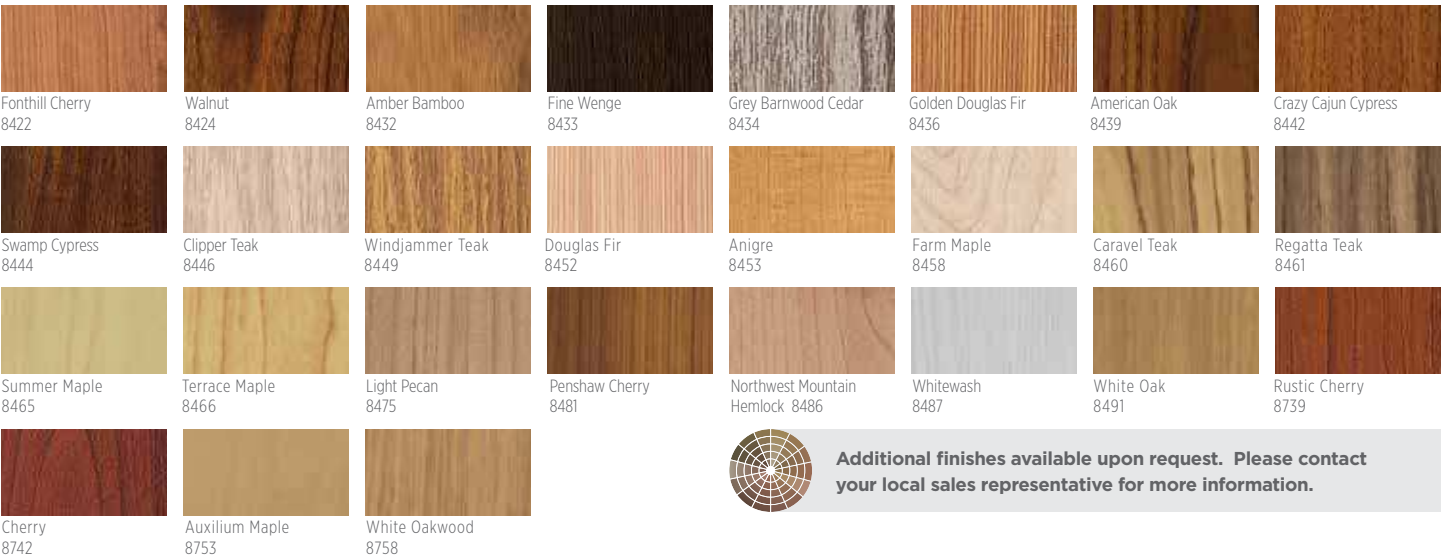


Custom Colors



Decorated (Powder-Coat) Wood-Look Options

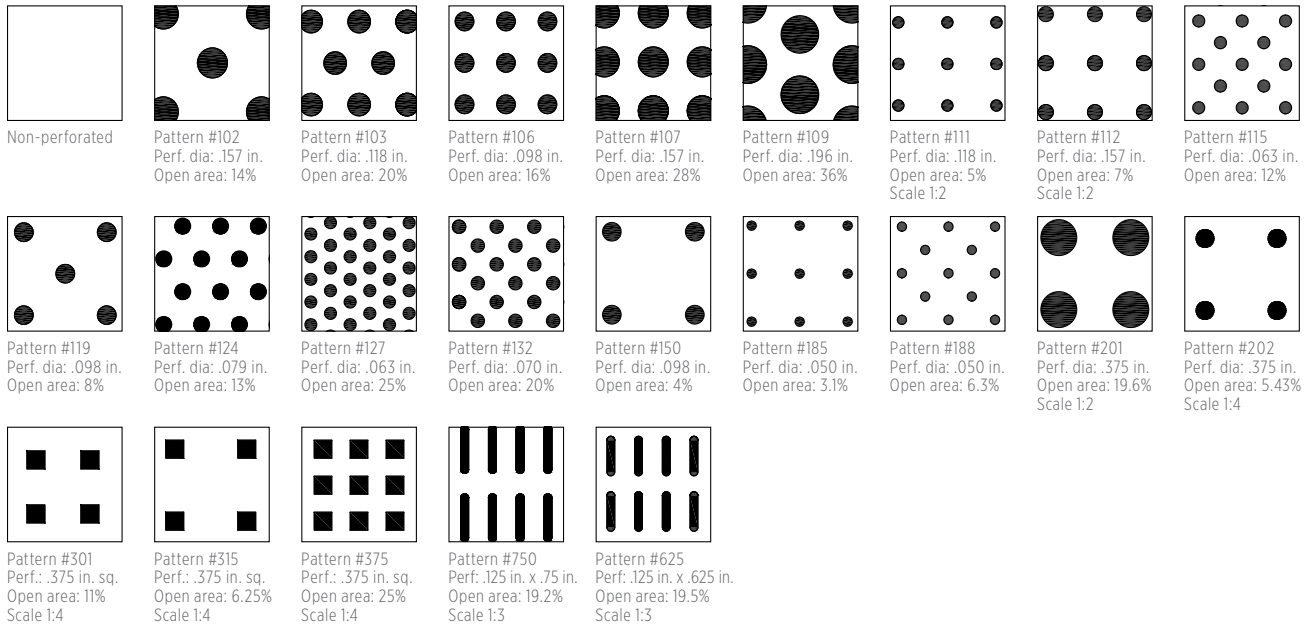
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

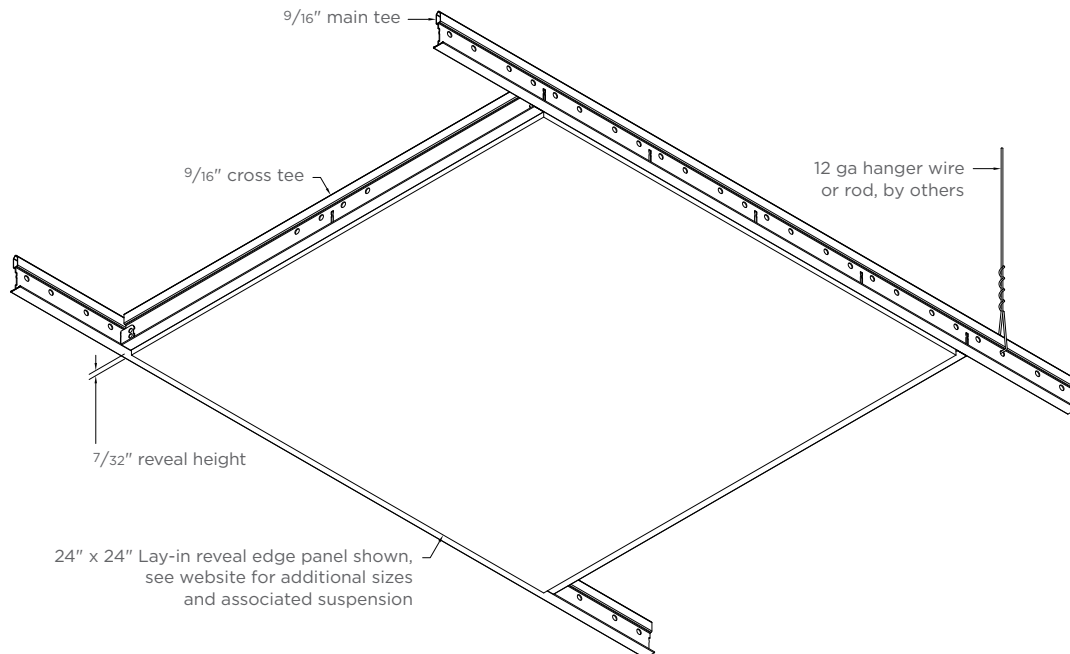
Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Bob Perzel / The Empire Mall / Sioux Falls, SD

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.75 – 1.1 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.80 0.90
#106	16%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.85
#115	12%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass 1.5" – 1.5 pcf Polywrapped Fiberglass	0.65 0.95 0.90
#119	8%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.75
#127	25%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.95
#132	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#185	3.1%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.65 0.75
#188	6.3%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#201	19.6%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



Photo: © Studio 66 LLC, Corporate Learning & Development Center, Fort Mill, SC

Lay-In Levels

Lay-in Levels metal ceilings are offered in a variety of panel sizes with a range of panel depths and finishes that create topography along the ceiling plane.

Features & Benefits

- Four panel size options:
 - 12" wide up to 72" long
 - 20" wide up to 60" long
 - 24" wide up to 72" long
 - 30" wide up to 60" long
- Square-edge design
- Various panel depths from 4" above grid face to 4" below grid face
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the
U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Lay-In Levels

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



White
7198



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

Laminated (Film) Wood Finishes

Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Nordic Oak
8503



Eastern Elm
8505



Northern Oak
8501



River Oak
8502



Golden Brown Cherry
8507



Hardwood Cherry
8506



Tawny Teak
8509



Persian Walnut
8508



Old World Walnut
8504

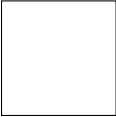
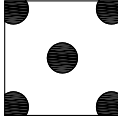
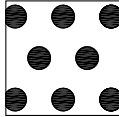
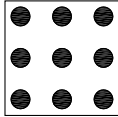
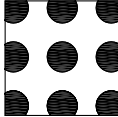
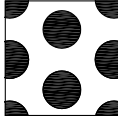
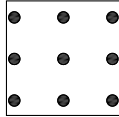
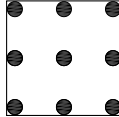
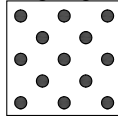
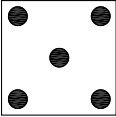
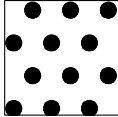
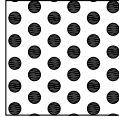
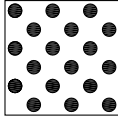
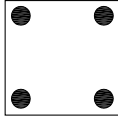
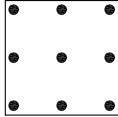
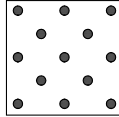
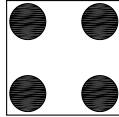
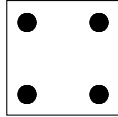
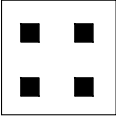
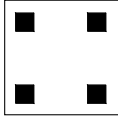
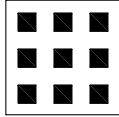
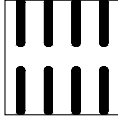
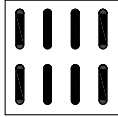


Appalachian Chestnut
8512

Lay-In Levels

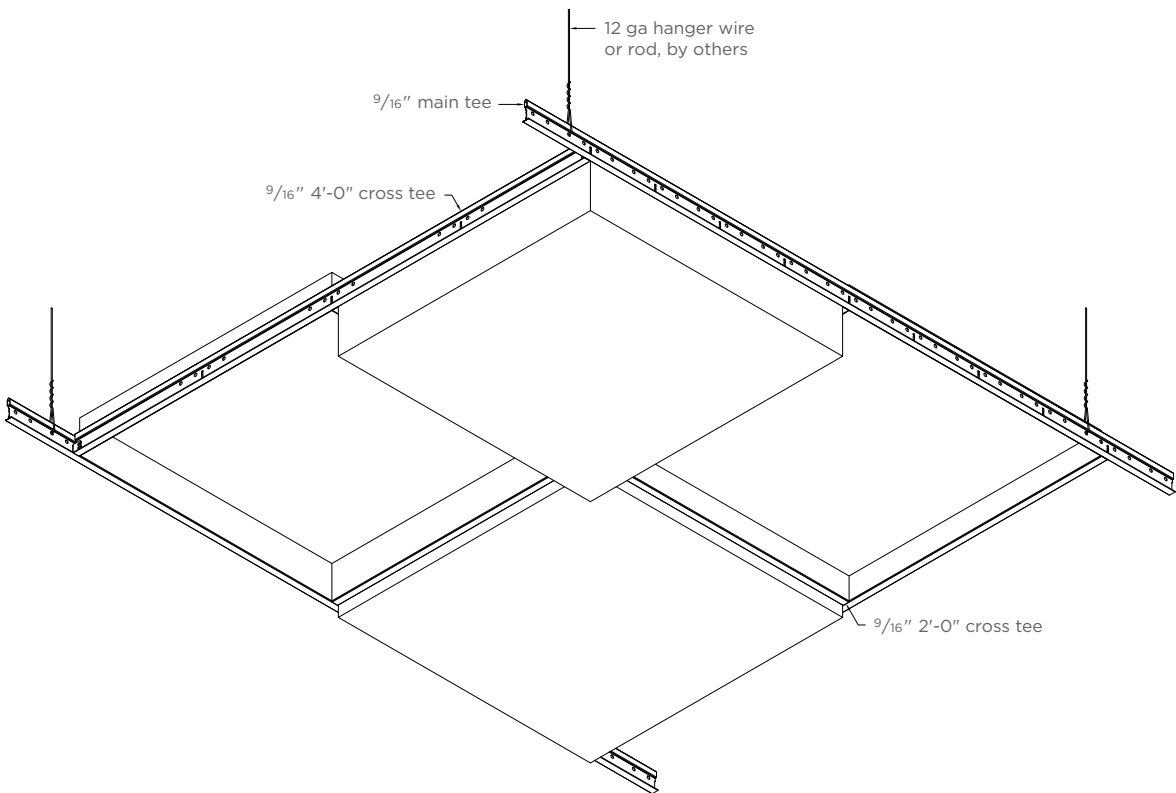
Perforation Patterns

Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

								
Non-perforated	Pattern #102 Perf. dia: .157 in. Open area: 14%	Pattern #103 Perf. dia: .118 in. Open area: 20%	Pattern #106 Perf. dia: .098 in. Open area: 16%	Pattern #107 Perf. dia: .157 in. Open area: 28%	Pattern #109 Perf. dia: .196 in. Open area: 36%	Pattern #111 Perf. dia: .118 in. Open area: 5% Scale 1:2	Pattern #112 Perf. dia: .157 in. Open area: 7% Scale 1:2	Pattern #115 Perf. dia: .063 in. Open area: 12%
								
Pattern #119 Perf. dia: .098 in. Open area: 8%	Pattern #124 Perf. dia: .079 in. Open area: 13%	Pattern #127 Perf. dia: .063 in. Open area: 25%	Pattern #132 Perf. dia: .070 in. Open area: 20%	Pattern #150 Perf. dia: .098 in. Open area: 4%	Pattern #185 Perf. dia: .050 in. Open area: 3.1%	Pattern #188 Perf. dia: .050 in. Open area: 6.3%	Pattern #201 Perf. dia: .375 in. Open area: 19.6% Scale 1:2	Pattern #202 Perf. dia: .375 in. Open area: 5.43% Scale 1:4
								
Pattern #301 Perf.: .375 in. sq. Open area: 11% Scale 1:4	Pattern #315 Perf.: .375 in. sq. Open area: 6.25% Scale 1:4	Pattern #375 Perf.: .375 in. sq. Open area: 25% Scale 1:4	Pattern #750 Perf. .125 in. x .75 in. Open area: 19.2% Scale 1:3	Pattern #625 Perf. .125 in. x .625 in. Open area: 19.5% Scale 1:3				

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Studio 66 LLC / Corporate Learning & Development Center / Fort Mill, SC

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.75 – 1.3 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.80 0.90
#106	16%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.85
#115	12%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass 1.5" – 1.5 pcf Polywrapped Fiberglass	0.65 0.95 0.90
#119	8%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.75
#127	25%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.95
#132	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#185	3.1%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.65 0.75
#188	6.3%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#201	19.6%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



Photo: © Dave Dawson, BMW Auto Showroom, Chattanooga, TN

Snap-In

The proven durability of Snap-in metal ceiling systems makes it a good selection for standard ceiling applications.

Features & Benefits

- Three panel size sets:
 - 12" up to 96"
 - 24" x 24"
 - 24" x 48"
- Square-edge design
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish; Aviation White #1011C: Coil-coat paint finish offering - LRV 93 - 5% low gloss finish.



Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



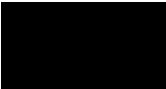
Aviation White
1011P



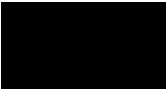
Aviation White
1011C

Black Finish Options

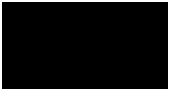
Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



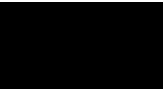
Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

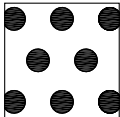
Snap-In

Perforation Patterns

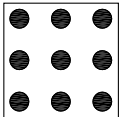
Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



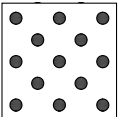
Non-perforated



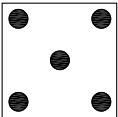
Pattern #103
Perf. dia: .118 in.
Open area: 20%



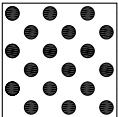
Pattern #106
Perf. dia: .098 in.
Open area: 16%



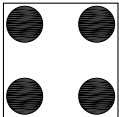
Pattern #115
Perf. dia: .063 in.
Open area: 12%



Pattern #119
Perf. dia: .098 in.
Open area: 8%



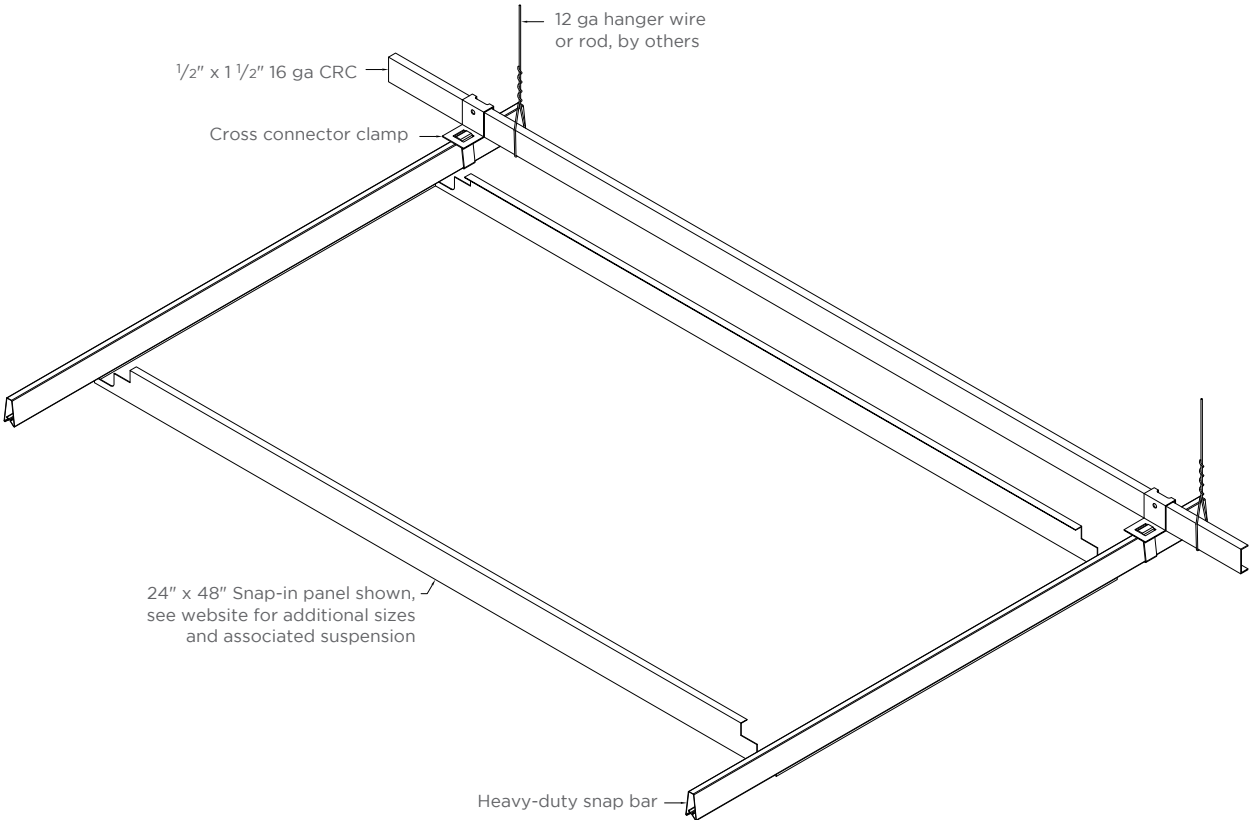
Pattern #132
Perf. dia: .070 in.
Open area: 20%



Pattern #201
Perf. dia: .375 in.
Open area: 19.6%
Scale 1:2

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Dave Dawson / BMW Auto Showroom / Chattanooga, TN

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.75 – 1.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish
– Cotton White: LR = 0.81
– Aviation White #1011C: LR = 0.93

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.80 0.90
#106	16%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.85
#115	12%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass 1.5" – 1.5 pcf Polywrapped Fiberglass	0.65 0.95 0.90
#119	8%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70 0.75
#132	20%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.90
#201	19.6%	Non-Woven Acoustic Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.75 0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.



Photo: © Bob Perzel, Georgia Tech Clough Commons, Atlanta, GA

Metalinx™ Ceilings

For versatility, creativity and economics in your ceiling, our Metalinx™ line of woven wire and expanded metals can provide adaptability with a variety of design choices.

Features & Benefits

- Woven Wire, Welded Wire & Expanded Metal options
- Steel and stainless steel material options
- Installs with our standard heavy duty CertainTeed 15/16" EZ Stab Classic T-grid suspension system
- Variety of sizes, applications and powder-coat finishes
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

CERTIFICATIONS & PRODUCT DECLARATIONS



EPD AVAILABLE

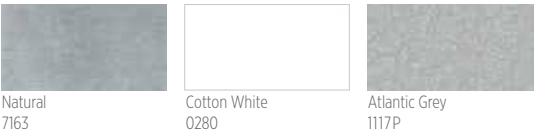


HPD AVAILABLE

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

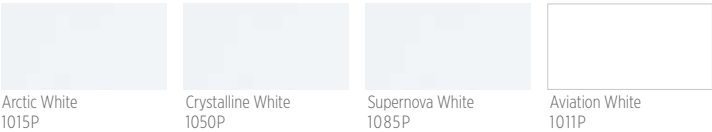


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20), Crystalline White #1050P (Gloss 45-55), Supernova White #1085P (Gloss 80-90), Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



Black Finish Options

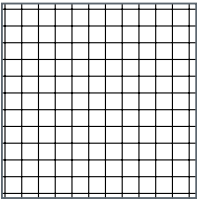
Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



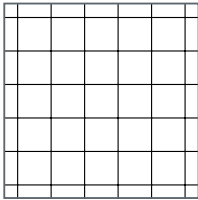
Metalinx™ Ceilings

Patterns

Woven Wire

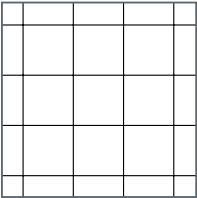


W-01
1" square opening
Open area: 80%

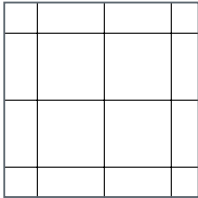


W-02
2" square opening
Open area: 89%

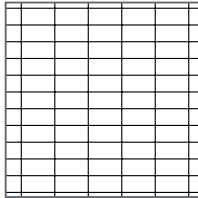
Welded Wire



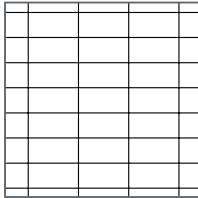
W-03
3" square opening
Open area: 91%



W-04
4" square opening
Open area: 92%

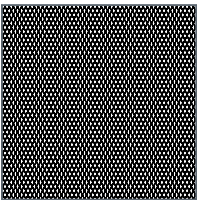


W-05
2" x 1" rectangular opening
Open area: 84%

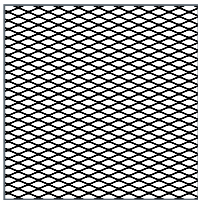


W-06
3" x 1-1/2" rectangular opening
Open area: 73%

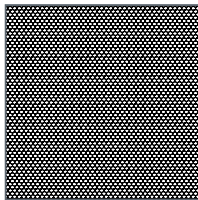
Expanded Metal



E-01
Open area: 45%



E-02
Open area: 66%



E-03
Open area: 68%



E-04
Open area: 71%



Photo: © Studio 66 LLC / Bank of America / Charlotte, NC

Physical Data

MATERIAL

Steel

WEIGHT

Varies

FIRE RATING

N/A

Material is non-combustible

Melting point: 2800°

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

25%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

- Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty



2025

LINEAR

PORTFOLIO



Photo: © Carroll Daniel Construction, Lake Lanier Olympic Boathouse, Roswell, GA

Box Series

The Box Series linear metal ceiling system uses a universal carrier for simple design and installation.

Features & Benefits

- Panel sizes:
 - Panel module widths: 4" and 6"
 - Panel lengths: 5' to 16'
 - Panel depths (nominal): 5/8" (Box 2, 4, 6 & 8)
- Square-edge design
- Curved carrier application available
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access, typically using access doors
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Box Series

Colors and Finishes

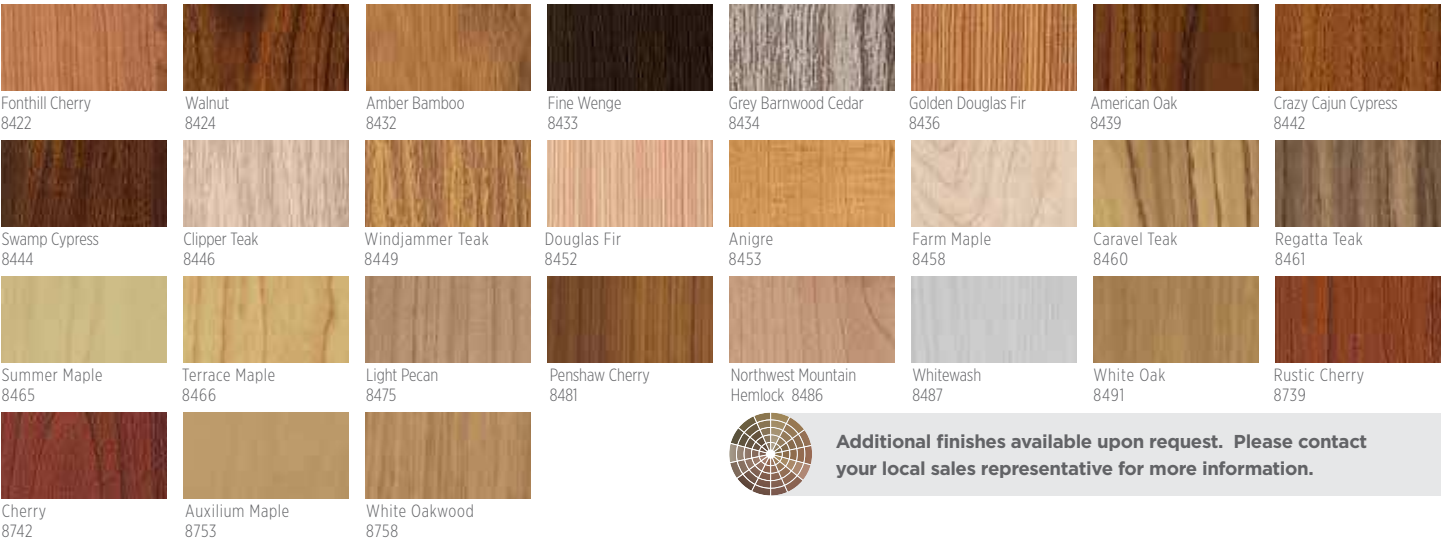
A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

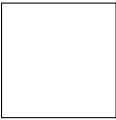


Additional finishes available upon request. Please contact your local sales representative for more information.

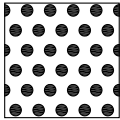
Box Series

Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



Non-perforated

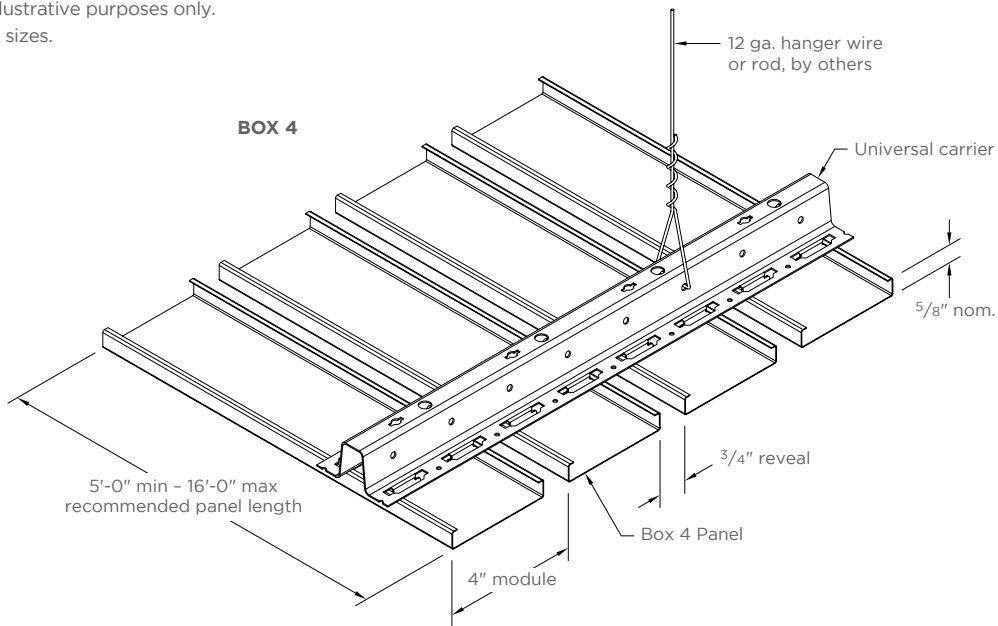


Pattern #160
Perforation diam: .060 in.
Open Area: 23%
(Box 4, 6, and 8 only)

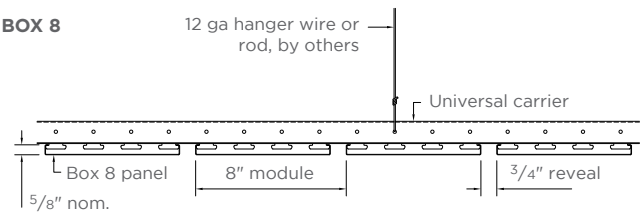
Installation Examples

Typical Isometrics

Box 4 shown for illustrative purposes only.
See website for all sizes.



Typical Sections



Additional options available for design flexibility,
contact your local sales representative to get started.

Photo: © Bob Perzel / Chanhassen High School / Chanhassen, MN

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 1.6 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25 ,

Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25 ,

Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code. (for exterior applications)

RECYCLED CONTENT

Up to 92%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Varies with finish

– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PRODUCT	ACOUSTICAL INFILL	NRC
Box 4, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.75
Box 4, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.85
Box 6, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.65
Box 6, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.80

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



Photo: © Mitchell Stier Photography, Watertown (ATY) Regional Airport, Watertown, SD

Quick Ship – Linear Metal Box Series

The Box Series linear metal ceiling system uses a universal carrier for simple design and installation.

Features & Benefits

- Panel sizes:
 - Panel module widths: 4" and 6"
 - Panel length: 12'
 - Panel depths (nominal): 5/8"
- Square-edge design
- Downweight: reduce dead load with lightweight aluminum
- Interior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services
- Orders under 2,500 square feet available to ship in 4 weeks or less

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



QUICK SHIP

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Quick Ship – Linear Metal Box Series

Colors and Finishes

Standard Paint Color



Cotton White
0280

Decorated (Powder-Coat) Wood-Look Options

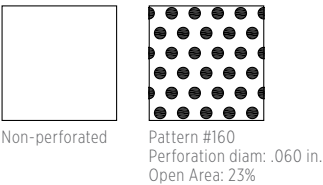
Powder-coat paint finish. Formaldehyde-free, Class A composite panel.

							
Fonhill Cherry 8422	Walnut 8424	Amber Bamboo 8432	Fine Wenge 8433	Grey Barnwood Cedar 8434	Golden Douglas Fir 8436	American Oak 8439	Crazy Cajun Cypress 8442
							
Swamp Cypress 8444	Clipper Teak 8446	Windjammer Teak 8449	Douglas Fir 8452	Anigre 8453	Farm Maple 8458	Caravel Teak 8460	Regatta Teak 8461
							
Summer Maple 8465	Terrace Maple 8466	Light Pecan 8475	Penshaw Cherry 8481	Northwest Mountain Hemlock 8486	Whitewash 8487	White Oak 8491	Rustic Cherry 8739
							
Cherry 8742	Auxilium Maple 8753	White Oakwood 8758					

Quick Ship – Linear Metal Box Series

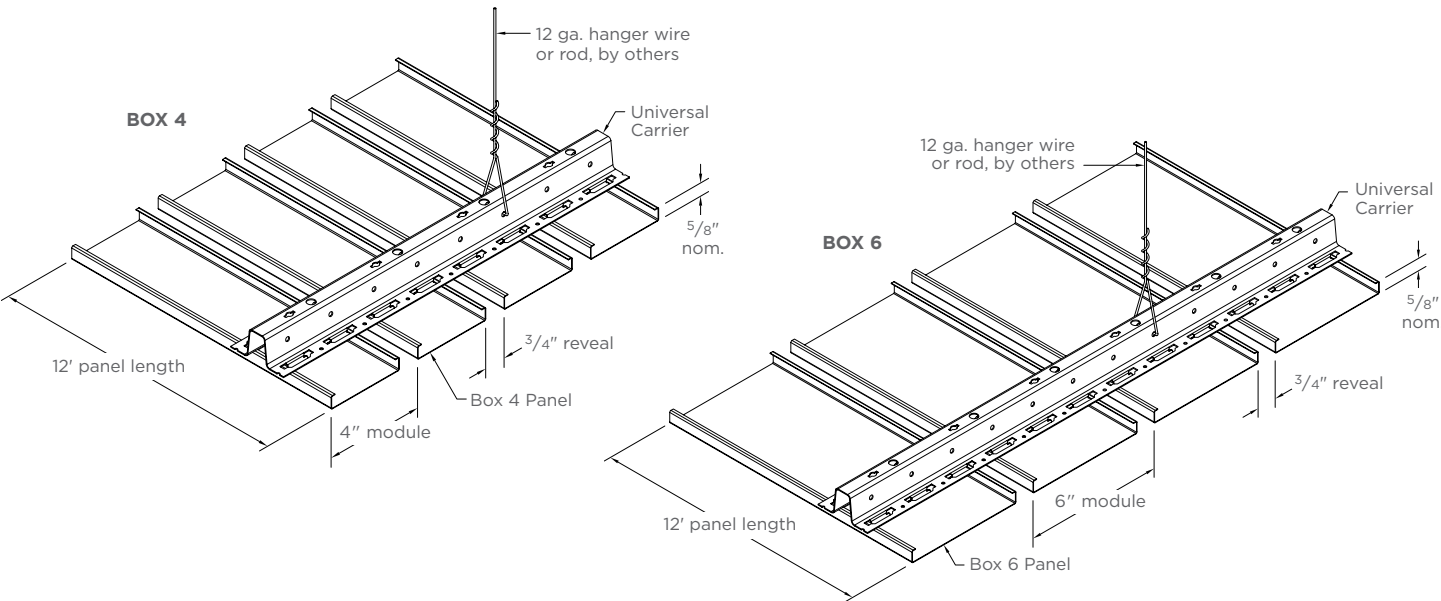
Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.

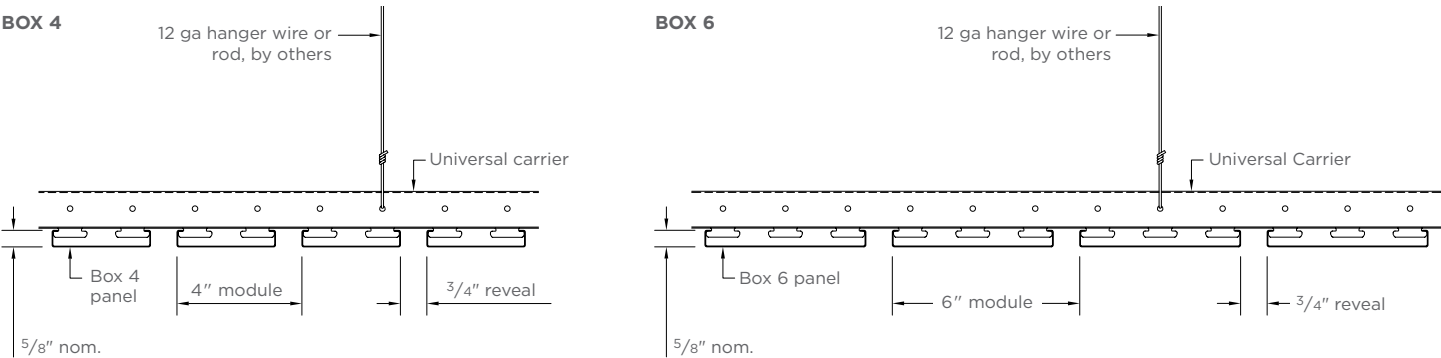


Installation Examples

Typical Isometrics

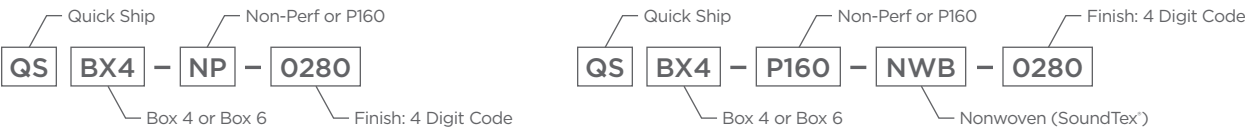


Typical Sections



Quick Ship – Linear Metal Box Series

Catalog Number Breakdowns



BOX 4	FORMAT	DIMENSIONS WxLxH (in. nom.)	PIECES PER CARTON	LF/SF	LF PER CARTON	SF PER CARTON
QS BX4-NP	Panels	4" x 144" x 5/8"	34	3 LF / SF	408	136
QS BX4-P160	Panels	4" x 144" x 5/8"	34	3 LF / SF	408	136
QS BX4-P160-NWB	Panels	4" x 144" x 5/8"	34	3 LF / SF	408	136

BOX 6	FORMAT	DIMENSIONS WxLxH (in. nom.)	PIECES PER CARTON	LF/SF	LF PER CARTON	SF PER CARTON
QS BX6-NP	Panels	6" x 144" x 5/8"	28	2 LF / SF	336	168
QS BX6-P160	Panels	6" x 144" x 5/8"	28	2 LF / SF	336	168
QS BX6-P160-NWB	Panels	6" x 144" x 5/8"	28	2 LF / SF	336	168

To specify or order a specific product, include the Product Description followed by the 4 digit color code.

Examples: To specify a Box 4 panel, perforated with SoundTex in White, the item number would be: **QS BX4-P160-NWB-0280**.

To specify the same product in a Decorated Wood-Look Finish (for example: Light Pecan) the item number would be: **QS BX4-P160-NWB-8475**.

Installation Accessories

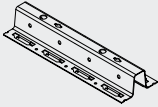
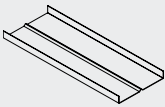
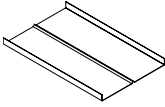
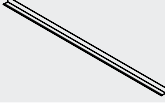
PRODUCT NAME	COLOR	LENGTH	USE
 Universal Carrier	Black	12'	Suspension component used to support panels
 Box Flat Recessed Closure	Black	12'	Closure strip installed between box panels
 Box 4 Panel Splice	Black	6"	Used to splice box panel ends together
 Box 6 Panel Splice	Black	6"	Used to splice box panel ends together
 Wall Angle 1" x 1"	Black	12'	Trim used at wall perimeters
 1-3/4" J-Trim	Black	10'	Trim used at floating conditions

Photo: © Bob Perzel / Chanhassen High School / Chanhassen, MN

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 1.6 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

RECYCLED CONTENT

Up to 92%

LIGHT REFLECTANCE (LR)

COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Varies with finish

– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information
can be found at

certainteed.com/warranty

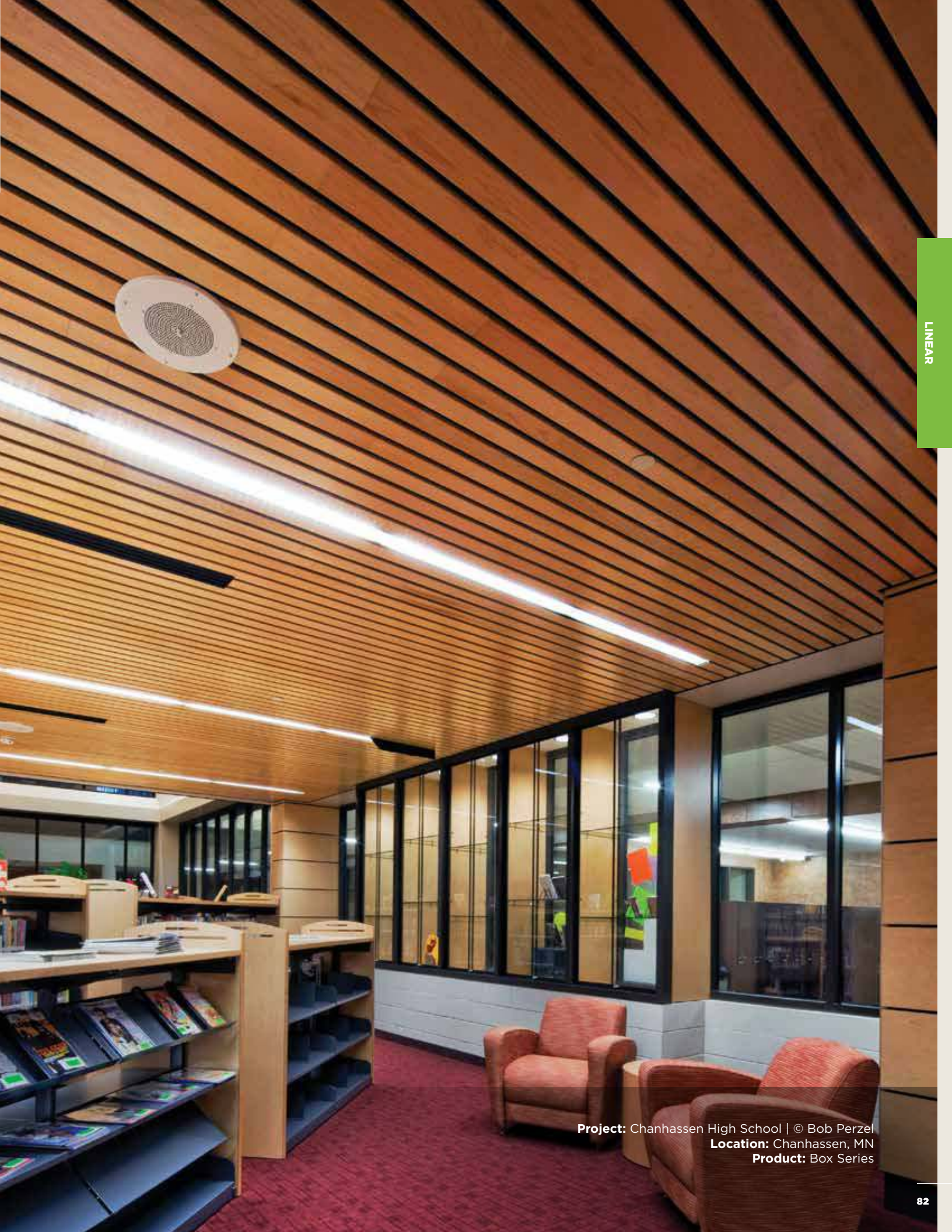
Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PRODUCT	ACOUSTICAL INFILL	NRC
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



Project: Chanhassen High School | © Bob Perzel
Location: Chanhassen, MN
Product: Box Series



Photo: © Bob Perzel, Target Center - Entrance, Minneapolis, MN

Deep Box Series

The Deep Box Series linear metal ceiling system uses a universal carrier for simple design and installation.

Features & Benefits

- Panel sizes:
 - Panel module widths: 2", 4", 6" and 8"
 - Panel lengths: 5' to 16'
 - Panel depths: 1" (Deep Box 4, 6 & 8); 1-1/2" (Deep Box 2)
- Square-edge design
- Curved carrier application available
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access, typically using access doors
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 92%
✓	EA: Optimize Energy Performance
✓	MR: Building Product Disclosure
✓	EQ: Low-Emitting Materials
✓	EQ: Indoor Air Quality Assessment
✓	EQ: Daylight
✓	EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Deep Box Series

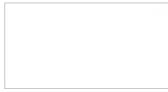
Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

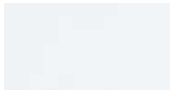
Standard Metallic



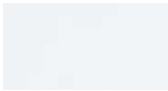
Brushed Aluminum
0004

White Finish Options

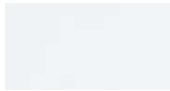
Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



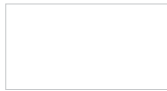
Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Anodized Finish Options

Anodized aluminum class II finish for Aged Bronze #10008 (Matte); Britannia Pewter #10009.



Aged Bronze
10008



Britannia Pewter
10009

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonhill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



White Oakwood
8758

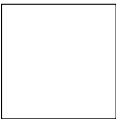


Additional finishes available upon request. Please contact your local sales representative for more information.

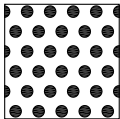
Deep Box Series

Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



Non-perforated

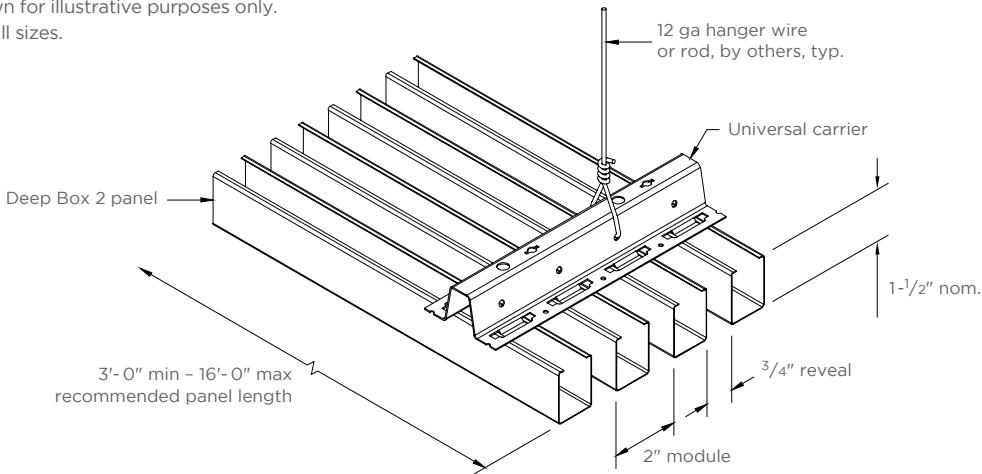


Pattern #160
Perforation diam: .060 in.
Open Area: 23%
(Deep Box 2 only)

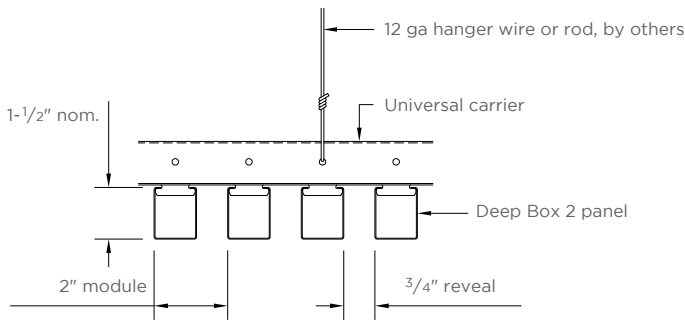
Installation Examples

Typical Isometrics

Deep Box 2 shown for illustrative purposes only.
See website for all sizes.



Typical Sections



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Bob Perzel / Mashouf Wellness Ctr, San Francisco Univ. / San Francisco, CA

Physical Data

MATERIAL Aluminum	SEISMIC RATING ZONES A,B,C,D,E,F	LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477 - Varies with finish - Cotton White: LR = 0.81
WEIGHT Varies 1.0 – 1.6 lbs./sq.ft.	WIND LOAD Per code. (for exterior applications)	WARRANTY 1-year Limited Warranty. Full warranty information can be found at certainteed.com/warranty
FIRE RATING Class A Fire Rated per ASTM E84 - Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50 CAN/ULC-S102 - Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50	RECYCLED CONTENT Up to 92%	

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PRODUCT	ACOUSTICAL INFILL	NRC
Deep Box 2, Perforation #160 (23% Open Area), open reveal	2" Polywrapped acoustical pad	1.05
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	2" Polywrapped acoustical pad	1.00
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	Nonwoven Acoustic & 1" polywrapped acoustical pad	1.00
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	1" Polywrapped acoustical pad	0.95
Deep Box 2, Perforation #160 (23% Open Area), open reveal	1" Polywrapped acoustical pad	0.95
Deep Box 2, Non-perforated, open reveal	2" Polywrapped acoustical pad	0.90
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	Nonwoven Acoustic	0.80
Deep Box 2, Non-perforated, open reveal	1" Polywrapped acoustical pad	0.65
Deep Box 2, Perforation #160 (23% Open Area), open reveal	Nonwoven Acoustic	0.50

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.



Photo: © Kevin Kaminski, HUB on Campus Limestone, Lexington, KY

Continuous Linear Grille

The Continuous Linear Grille metal ceiling system uses a universal carrier for simple design and installation.

Features & Benefits

- Panel sizes:
 - Panel width: 2"
 - Panel lengths: 5' to 16'
 - Panel depth: 1-1/2"
- Square-edge design
- Curved carrier application available
- High NRC
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access, typically using access doors
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

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CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Continuous Linear Grille

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

Standard Metallic



Brushed Aluminum
0004

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



Arctic White
1015P



Crystalline White
1050P



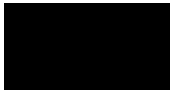
Supernova White
1085P



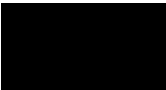
Aviation White
1011P

Black Finish Options

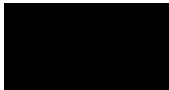
Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



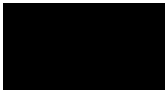
Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Anodized Finish Options

Anodized aluminum class II finish for Aged Bronze #10008 (Matte); Britannia Pewter #10009.



Aged Bronze
10008



Britannia Pewter
10009

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



White Oakwood
8758



Additional finishes available upon request. Please contact your local sales representative for more information.

Laminated (Film) Wood Finishes

Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Nordic Oak
8503



Eastern Elm
8505



Northern Oak
8501



River Oak
8502



Golden Brown Cherry
8507



Hardwood Cherry
8506



Tawny Teak
8509



Persian Walnut
8508



Old World Walnut
8504

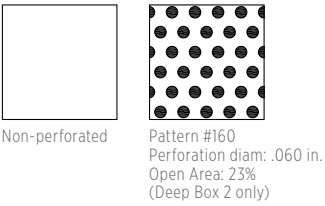


Appalachian Chestnut
8512

Continuous Linear Grille

Perforation Patterns

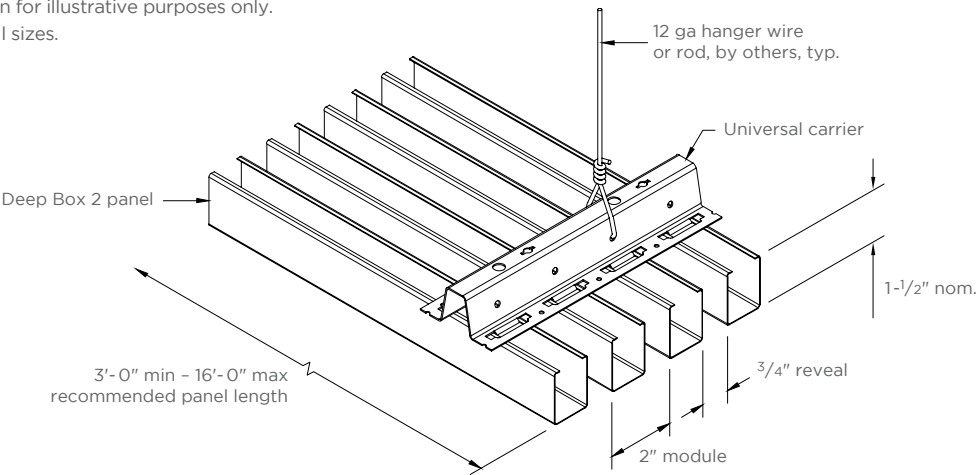
Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.



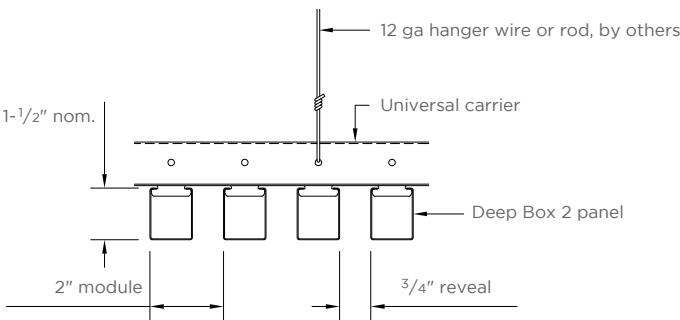
Installation Examples

Typical Isometrics

Deep Box 2 shown for illustrative purposes only.
See website for all sizes.



Typical Sections



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Bob Perzel / George R. Brown Convention Center / Houston, TX

LINEAR

Physical Data

MATERIAL
Aluminum

WEIGHT
Varies 0.5 – 1.0 lbs./sq.ft.

FIRE RATING
Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING
ZONES A,B,C,D,E,F

WIND LOAD
Per code. (for exterior applications)

RECYCLED CONTENT
Up to 92%

**LIGHT REFLECTANCE (LR) COEFFICIENT
PER ASTM E1264 & ASTM E1477**
– Varies with finish
– Cotton White: LR = 0.81

WARRANTY
1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad. Below are the acoustical test results for Continuous Linear Grille utilizing Deep Box 2 panels.

PRODUCT	ACOUSTICAL INFILL	NRC	SAA
Perforation #160 (23% Open Area), open reveal	2" Polywrapped acoustical pad	1.05	1.06
Perforation #160 (23% Open Area), with Box Flat Closure	2" Polywrapped acoustical pad	1.00	0.99
Perforation #160 (23% Open Area), with Box Flat Closure	Nonwoven Acoustic & 1" polywrapped acoustical pad	1.00	0.97
Perforation #160 (23% Open Area), with Box Flat Closure	1" Polywrapped acoustical pad	0.95	0.95
Perforation #160 (23% Open Area), open reveal	1" Polywrapped acoustical pad	0.95	0.97
Non-perforated, open reveal	2" Polywrapped acoustical pad	0.90	0.91
Perforation #160 (23% Open Area), with Box Flat Closure	Nonwoven Acoustic	0.80	0.82
Non-perforated, open reveal	1" Polywrapped acoustical pad	0.65	0.71
Perforation #160 (23% Open Area), open reveal	Nonwoven Acoustic	0.50	0.50

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting. Test reports available upon request.



Photo: © Taube Photography, PHX Sky Harbor Airport – Terminal 3, Phoenix, AZ

Multi-Box Continuous

The Multi-Box Continuous metal ceiling system uses a universal carrier enabling an unlimited combination of panel depths and widths using Box and Deep Box 2", 4", 6" and 8" panels.

Features & Benefits

- Panel sizes:
 - Panel module widths: 2", 4", 6" and 8"
 - Panel lengths: 5' to 16'
 - Panel depths: 5/8" (Box 2, 4, 6 & 8); 1" (Deep Box 4, 6 & 8); 1-1/2" (Deep Box 2)
- Square-edge design
- Flat, sloped and curving ceilings
- Ten multi-box patterns available; see website for details
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access, typically using access doors
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

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CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Multi-Box Continuous

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

Standard Metallic



Brushed Aluminum
0004

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



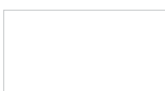
Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Anodized Finish Options

Anodized aluminum class II finish for Aged Bronze #10008 (Matte); Britannia Pewter #1009.



Aged Bronze
10008



Britannia Pewter
10009

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



White Oakwood
8758

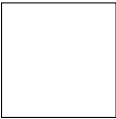


Additional finishes available upon request. Please contact your local sales representative for more information.

Multi-Box Continuous

Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



Non-perforated

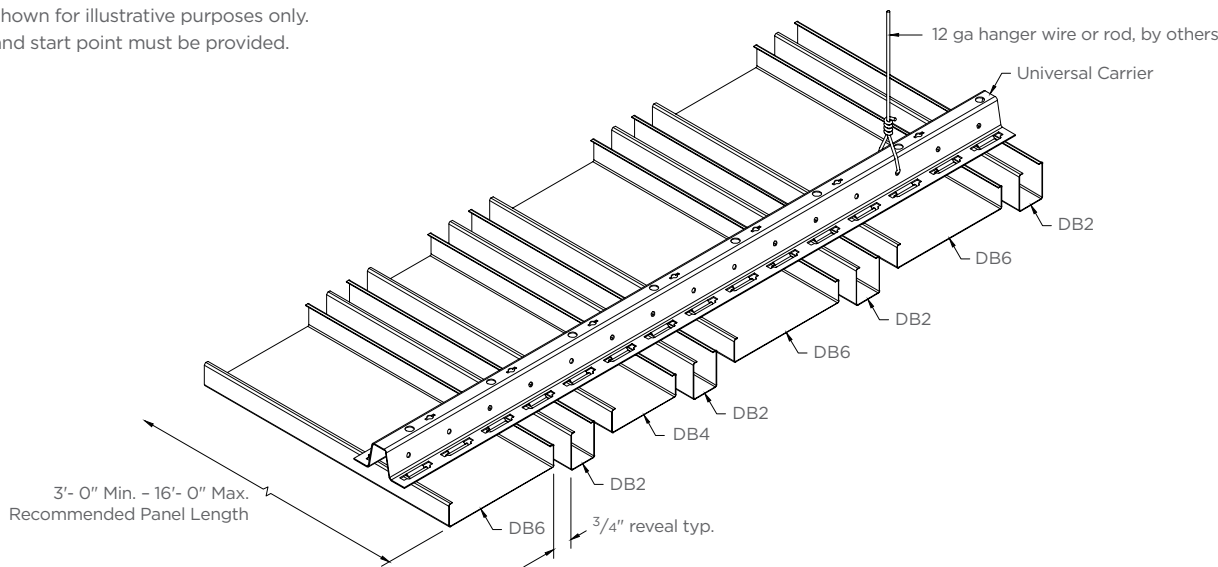


Pattern #160
Perforation diam: .060 in.
Open Area: 23%
(Box 4, 6, 8 and Deep Box 2 only)

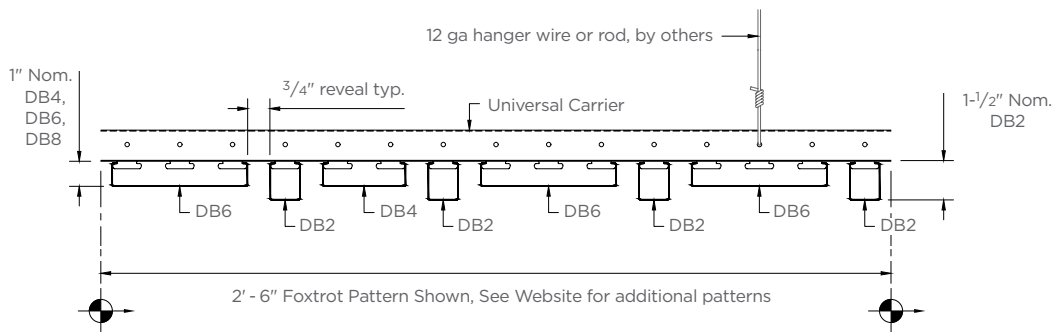
Installation Examples

Typical Isometrics

Pattern shown for illustrative purposes only.
Pattern and start point must be provided.



Typical Sections



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Bob Perzel / Populous Office / Kansas City, MO

LINEAR

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 1.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code. (for exterior applications)

RECYCLED CONTENT

Up to 92%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish
– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PRODUCT	ACOUSTICAL INFILL	NRC
Box 2, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 4, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.75
Box 4, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.85
Box 6, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.65
Box 6, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.80
Box 8, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.50
Box 8, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 8, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 8, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.85
Deep Box 2, Perforation #160 (23% Open Area), open reveal	2" Polywrapped acoustical pad	1.05
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	2" Polywrapped acoustical pad	1.00
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	Non-Woven Acoustic & 1" polywrapped acoustical pad	1.00
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	1" Polywrapped acoustical pad	0.95
Deep Box 2, Perforation #160 (23% Open Area), open reveal	1" Polywrapped acoustical pad	0.95
Deep Box 2, Non-perforated, open reveal	2" Polywrapped acoustical pad	0.90
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	Non-Woven Acoustic	0.80
Deep Box 2, Non-perforated, open reveal	1" Polywrapped acoustical pad	0.65
Deep Box 2, Perforation #160 (23% Open Area), open reveal	Non-Woven Acoustic	0.50
Linear Multi-Box 2, 4, 6 & 8; 2, 4, 6 & 8; repeating pattern, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.65
Linear Multi-Box 2, 4 & 6; 2, 4 & 6; repeating pattern, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting. Test reports available upon request.

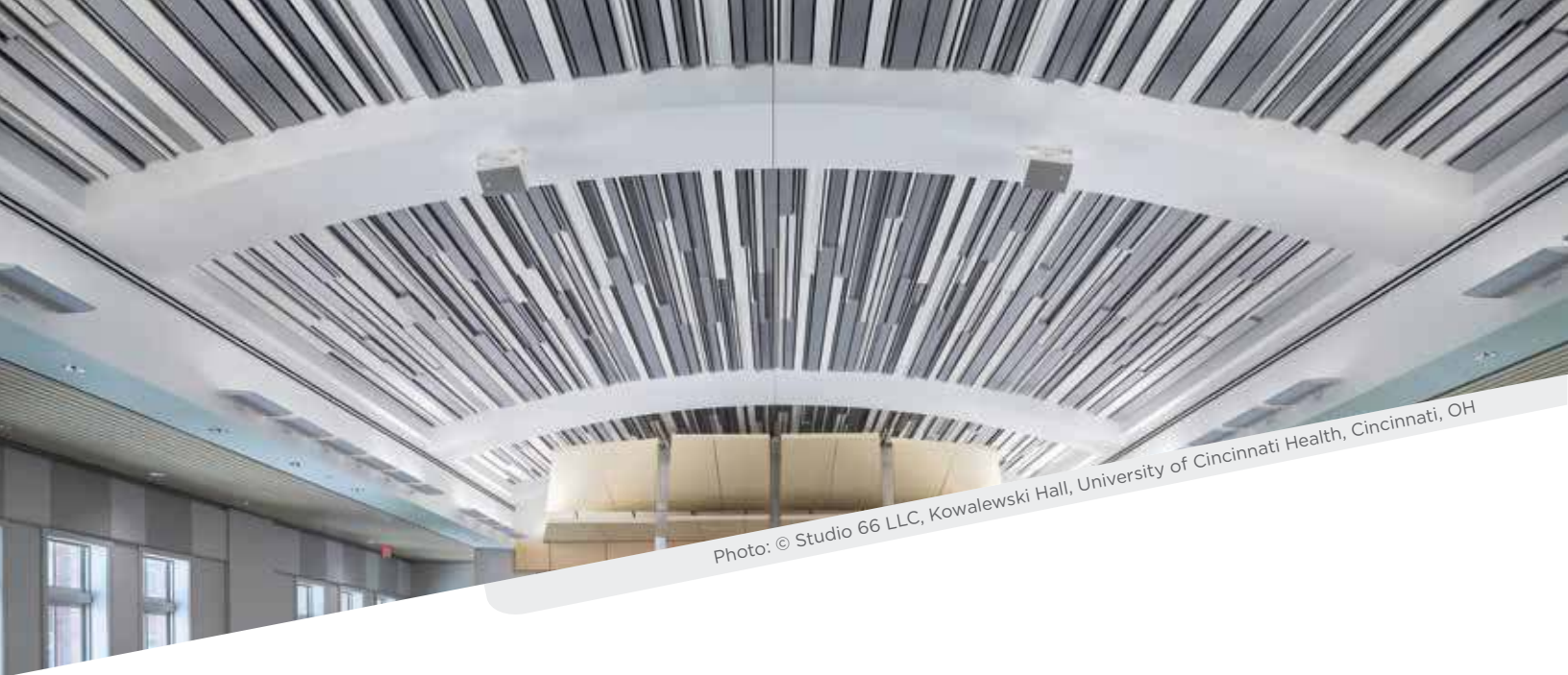


Photo: © Studio 66 LLC, Kowalewski Hall, University of Cincinnati Health, Cincinnati, OH

Multi-Box Networks

Multi-Box Networks use a universal carrier system to provide layout combinations with 2", 4", 6" and 8" linear panel widths, three depths and four lengths. Available in wood veneer, wood-look finishes, metallic and painted finishes.

Features & Benefits

- Panel sizes:
 - Panel module widths: 2", 4", 6" and 8"
 - Panel lengths: 4', 6', 8' and 10'
 - Panel depths: 5/8" (Box 2, 4, 6 & 8); 1" (Deep Box 4, 6 & 8); 1-1/2" (Deep Box 2)
- Square-edge design
- Five patterns available; see website for details
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access, typically using access doors
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services
- LED light fixtures fitted for panels reveals

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Multi-Box Networks

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

Standard Metallic



Brushed Aluminum
0004

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Anodized Finish Options

Anodized aluminum class II finish for Aged Bronze #10008 (Matte); Britannia Pewter #1009.



Aged Bronze
10008



Britannia Pewter
10009

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
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Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
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Crazy Cajun Cypress
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Swamp Cypress
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Windjammer Teak
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Anigre
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Farm Maple
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Caravel Teak
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Regatta Teak
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Summer Maple
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Terrace Maple
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Light Pecan
8475



Penshaw Cherry
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Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



White Oakwood
8758



Additional finishes available upon request. Please contact your local sales representative for more information.

Multi-Box Networks

Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



Non-perforated

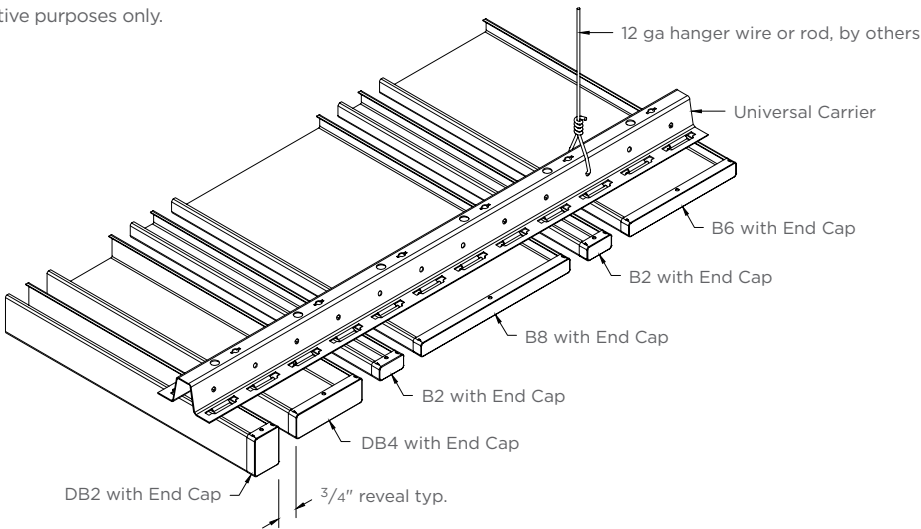


Pattern #160
Perforation diam: .060 in.
Open Area: 23%
(Box 4, 6, 8 and Deep Box 2 only)

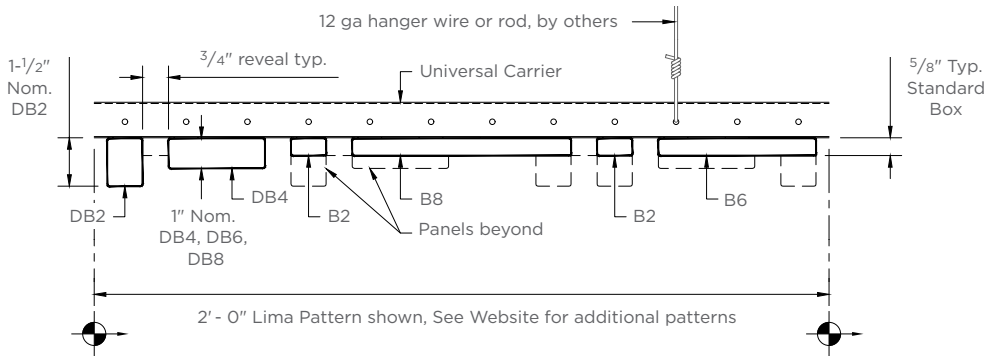
Installation Examples

Typical Isometrics

Deep Box 2 shown for illustrative purposes only.
See website for all sizes.



Typical Sections



Additional options available for design flexibility,
contact your local sales representative to get started.

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 1.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code. (for exterior applications)

RECYCLED CONTENT

Up to 92%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish
– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PRODUCT	ACOUSTICAL INFILL	NRC
Box 2, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 4, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.75
Box 4, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.85
Box 6, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.65
Box 6, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.80
Box 8, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.50
Box 8, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 8, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 8, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.85
Deep Box 2, Perforation #160 (23% Open Area), open reveal	2" Polywrapped acoustical pad	1.05
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	2" Polywrapped acoustical pad	1.00
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	Non-Woven Acoustic & 1" polywrapped acoustical pad	1.00
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	1" Polywrapped acoustical pad	0.95
Deep Box 2, Perforation #160 (23% Open Area), open reveal	1" Polywrapped acoustical pad	0.95
Deep Box 2, Non-perforated, open reveal	2" Polywrapped acoustical pad	0.90
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	Non-Woven Acoustic	0.80
Deep Box 2, Non-perforated, open reveal	1" Polywrapped acoustical pad	0.65
Deep Box 2, Perforation #160 (23% Open Area), open reveal	Non-Woven Acoustic	0.50
Linear Multi-Box 2, 4, 6 & 8; 2, 4, 6 & 8; repeating pattern, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.65
Linear Multi-Box 2, 4 & 6; 2, 4 & 6; repeating pattern, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.75

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting. Test reports available upon request.



Render © CertainTeed, Combi-Line ceiling and wall panels

Combi-Line

Our Combi-Line brings together linear metal and felt products for ceilings with complete creative flexibility and practical performance. Customize metal panels in any color or wood finish and combine them with the rich textural warmth of our linear felt panels to create depth, dimension, and variegated tonal palettes across the ceiling plane.

Features & Benefits

- Standard Dimensions:¹ 8' panel lengths
 - HeartFelt® Linear:
 - 4OHL80 (40mm x 80mm, 1-9/16" x 3-1/8")
 - 4OHL105 (40mm x 105mm, 1-9/16" x 4-1/8")
 - HeartFelt Round:
 - 4OHR64 (40mm x 64mm, 1-9/16" x 2-1/2")
 - Tavola™ Linear (metal):
 - 4OTL55 - 40mm x 55mm, 1-9/16" x 2-3/16"
 - 4OTL80 - 40mm x 80mm, 1-9/16" x 3-1/8"
 - 4OTL105 - 40mm x 105mm, 1-9/16" x 4-1/8"
- Modular system with both square and round profile design offers easy plenum access
- Available with four standard carrier modules Standard and custom perforations available for Tavola panels to elevate acoustics
- Compatible with industry standard lighting, HVAC, fire safety and security components

¹ HeartFelt is a metric system, all imperial dimensions shown are nominal.

Attributes



**CLASS A
FIRE RATING**
ASTM E84,
ASTM E1264 AND
CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



**CUSTOMIZATION
AVAILABLE**

LEED® v4

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



**GREENGUARD:
GOLD CERTIFIED**



**EPD
AVAILABLE**



**CRADLE-
TO-CRADLE:
BRONZE
CERTIFIED
(HeartFelt)**

HeartFelt® is a registered trademark of Hunter Douglas, Inc. used with permission.

certainteed.com | 800.233.8990

certainteed
SAINT-GOBAIN

Combi-Line

Standard Patterns

Combi-Line enables you to create a unique combination of colors and materials with four completely different patterns. The collections below offer a selection of metal and felt panels to inspire your next project. Visit our website to see the full patterns for Dunes, Espresso, Pebbles and Bark.



Dunes

40HL55 - 7575 CREME	40TL55 - 0280 COTTON WHITE	40HL55 - 7575 CREME	40TL55 - 8458 FARM MAPLE	40HL55 - 7575 CREME	40HL55 - 7575 CREME	40HL55 - 7575 CREME	40HL55 - 7579 UMBER



Espresso

40HL80 - 7593 WHITE	40HL105 - 7597 MIDDLE GREY	40TL55 - 1883 BLACK	40TL55 - 1883 BLACK	40TL80 - 8424 WALNUT	40TL55 - 1883 BLACK	40HL80 - 7594 BLACK	40HL55 - 7598 DARK GREY



Pebbles

40HL55 - 7577 MEDIUM BROWN	40HL55 - 7577 MEDIUM BROWN	40TL105 - 1883 BLACK	40TL80 - 8491 WHITE OAK	40TL80 - 8491 WHITE OAK	40TL105 - 1883 BLACK	40HL55 - 7575 CREME	40HL55 - 7575 CREME



Bark

40TL80 - 8458 FARM MAPLE	40TL80 - 8424 WALNUT	40HR64 - 7594 BLACK	40HR64 - 7594 BLACK	40HR64 - 7596 LIGHT GREY	40HR64 - 7594 BLACK	40TL105 - 8458 FARM MAPLE	40TL80 - 8424 WALNUT

Colors - HeartFelt®

HeartFelt® ceiling panels are available in white, black and three shades of grey, and five earth tones, offering opportunities to create visual gradients and rhythms at the ceiling plane. Coloration is inherent to the felted polyester material; the blend of colored and white fibers within each panel determines its shade. The material resists fading. NOTE: Colors are for illustration purposes only.

Colors

HeartFelt - Greys

White 7593F	Light Grey 7596F	Middle Grey 7597F	Dark Grey 7598F

*40HL55, 40HL80, 40HL105, 40HR64
Available in HeartFelt Greys

Black 7594F

HeartFelt - Earth Tones

Creme 7575F	Light Brown 7576F	Middle Brown 7577F	Dark Brown 7578F

*40HL55
Available in HeartFelt Earth Tones

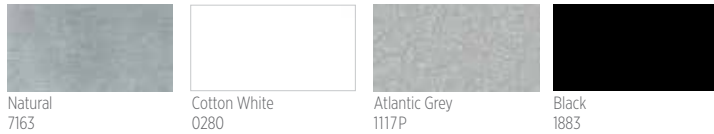
Umber 7579F

Combi-Line

Colors & Finishes – Tavola™ Panels

A wide choice of metal colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only

Standard Paint Colors

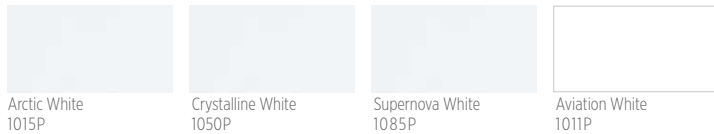


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



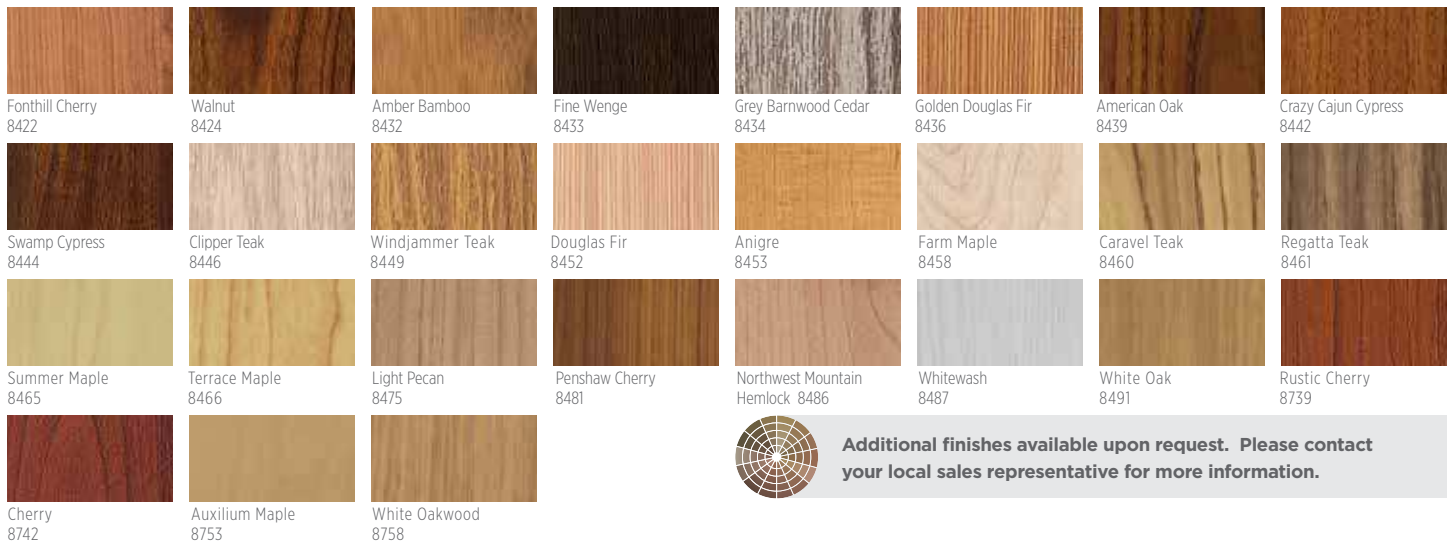
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

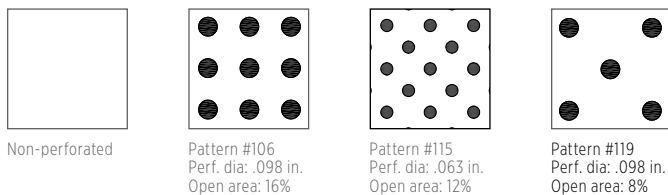
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

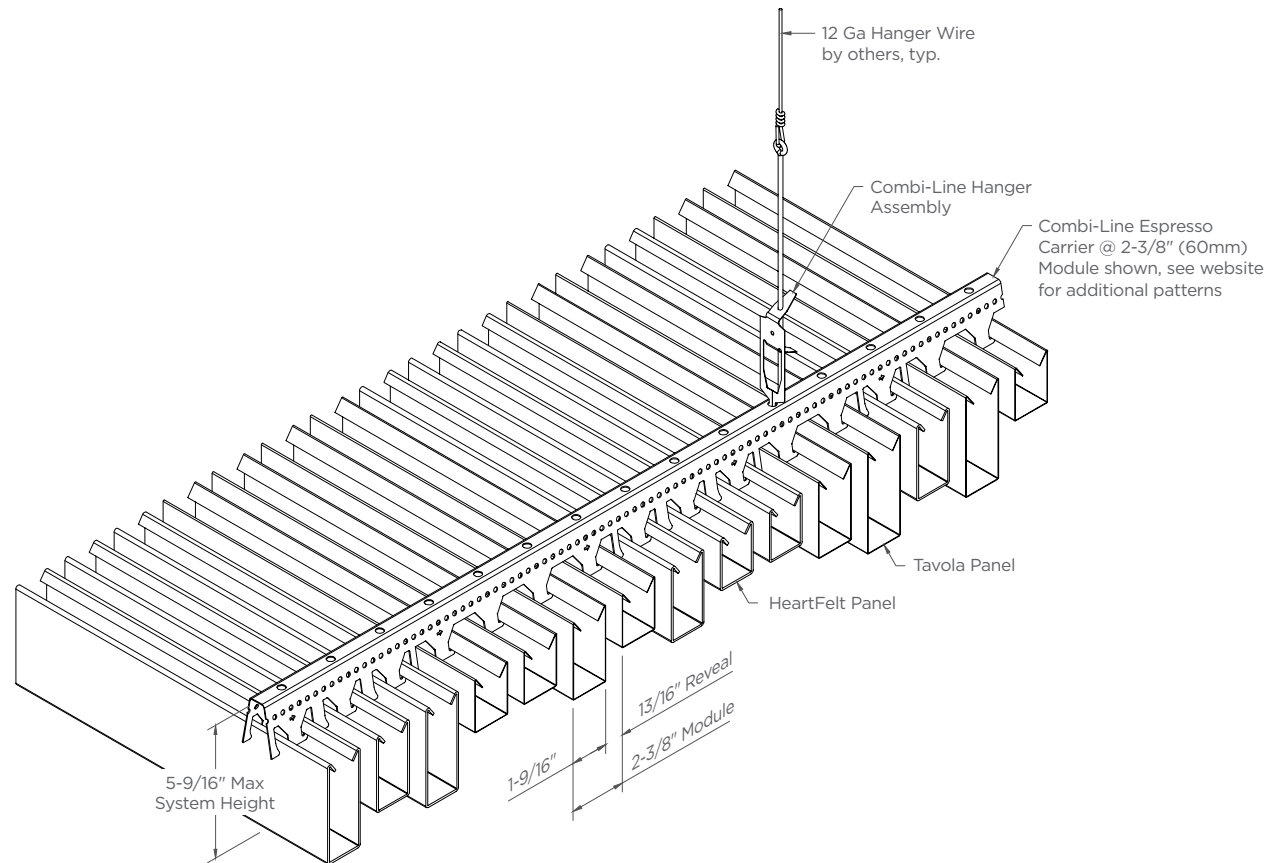
Perforation Patterns (Tavola Panels Only)

Standard patterns shown. Perforations not available on HeartFelt. Scale shown: 1:1, unless otherwise noted.

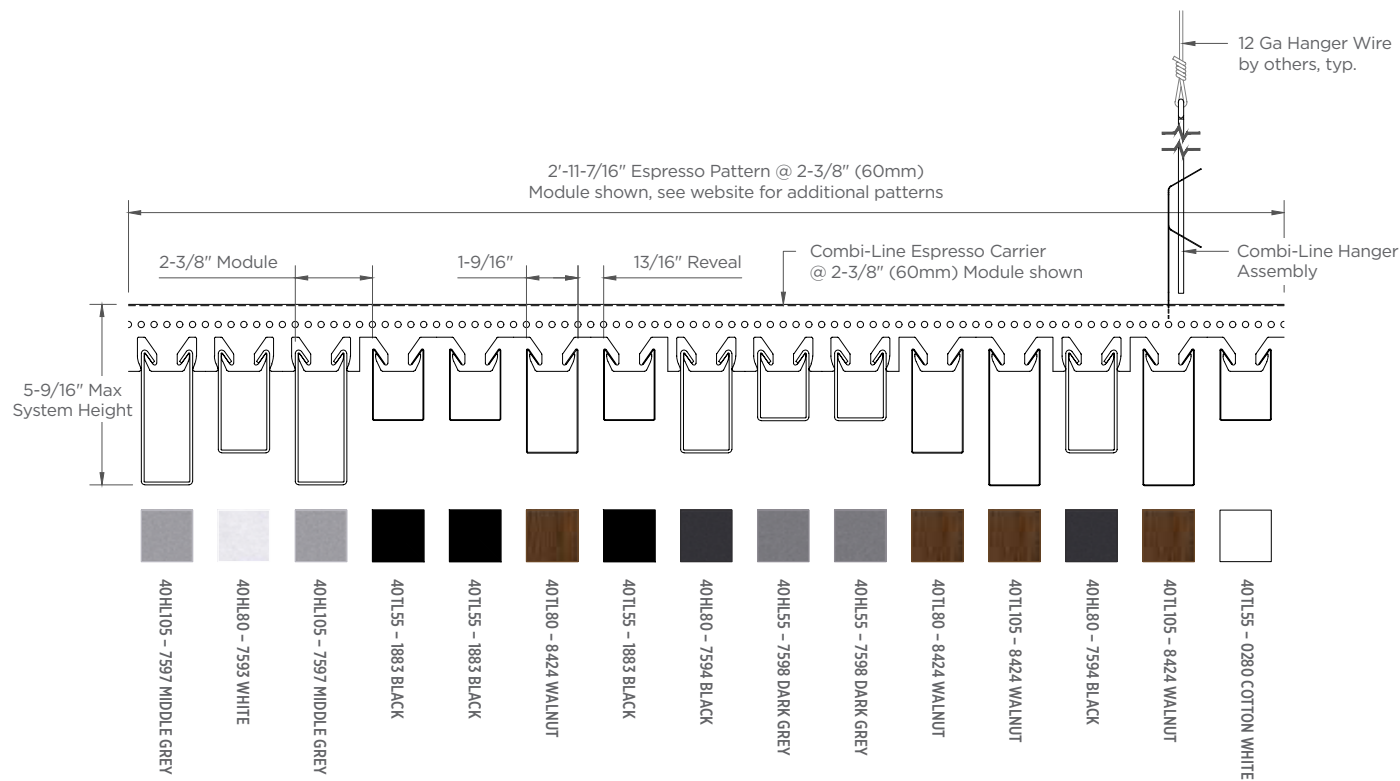


Installation Examples

Typical Isometrics



Typical Section





Render © CertainTeed / Combi-Line ceiling and wall panels

Physical Data

MATERIAL

Tavola Panels: Aluminum;
HeartFelt®: Non-Woven PES fibers (felt)

FIRE RATING

Class A Fire Rated per ASTM E84 and
ASTM E1264 (HeartFelt)
Canada – per CAN/ULC S102.2-10

SEISMIC RATING

ZONES A,B,C,D,E,F

VISUAL CONSIDERATIONS

Given the unique and special nature of our
HeartFelt® ceiling product, steps should be taken
(before and during installation, as well as over
the lifetime of the ceiling) to avoid or minimize
static and the accumulation of dust, lint, dirt or
airborne particles on or around the felt.
Manufacturer does not warrant against or take
responsibility for any such static or accumulation.

RECYCLED CONTENT

Metal – up to 85%

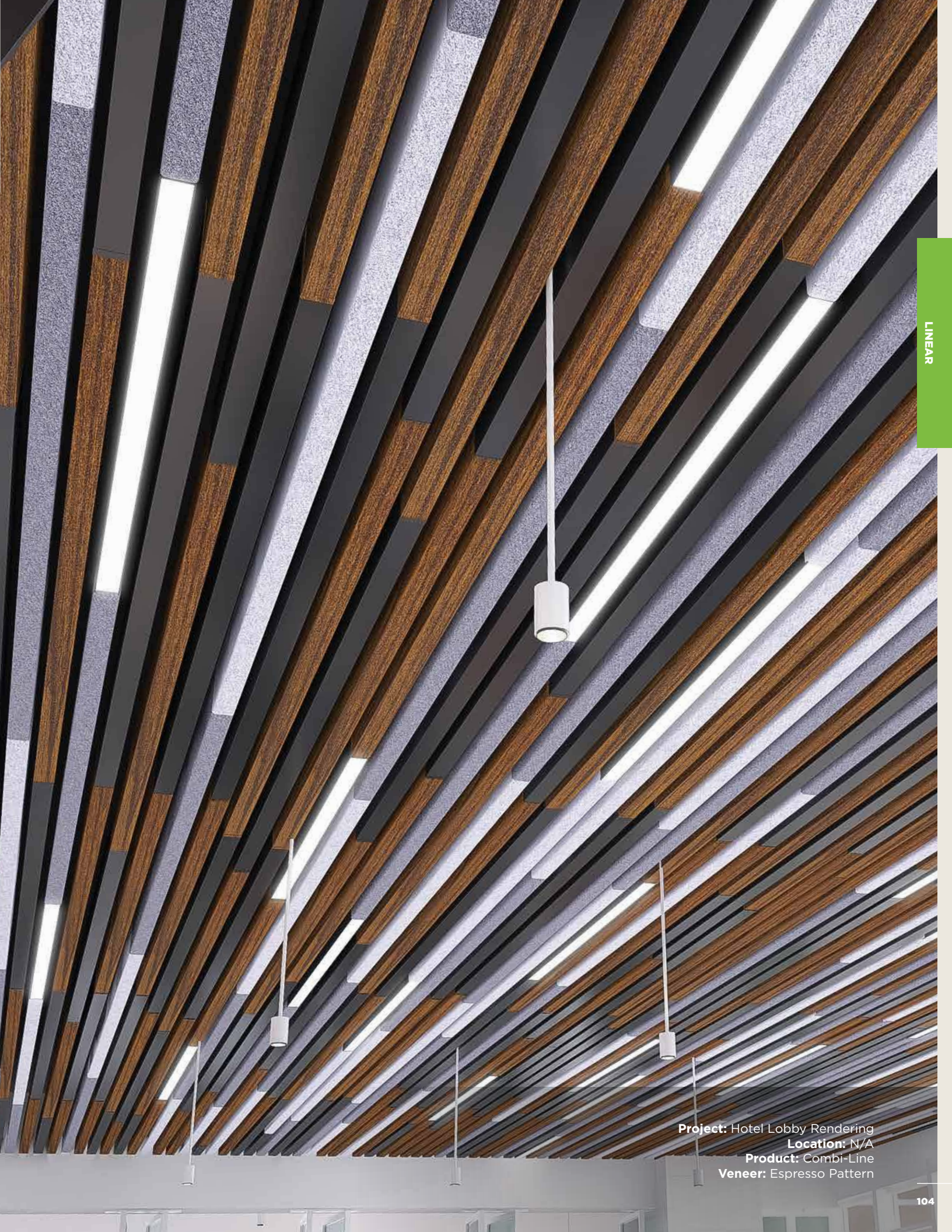
LIGHT REFLECTANCE

Varies with color

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Acoustical test results available upon request.



LINEAR

Project: Hotel Lobby Rendering
Location: N/A
Product: Combi-Line
Veneer: Espresso Pattern



Photo: Indianapolis Airport, Indianapolis, IN

300C Linear Plank – Interior

300C metal ceiling panels offer a subtle, long span design for interior ceilings. This panel features a butt-joint, “bevel edge” that moderates panel-to-panel connections for an orderly, finished design.

Features & Benefits

- Panel sizes:
 - Panel width: 12” nom. [300 mm]
 - Panel length: 3’ to 19’-8”
- Bevel-edge design
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD
GOLD CERTIFIED



EPD
AVAILABLE



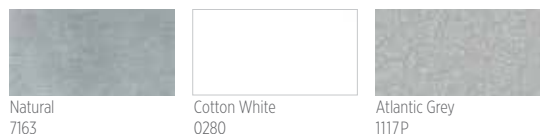
HPD
AVAILABLE

300C Linear Plank – Interior

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

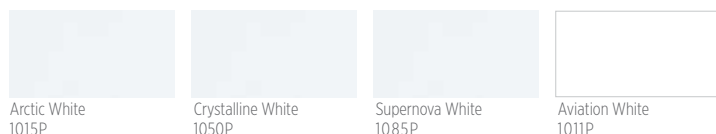


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20), Crystalline White #1050P (Gloss 45-55), Supernova White #1085P (Gloss 80-90), Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



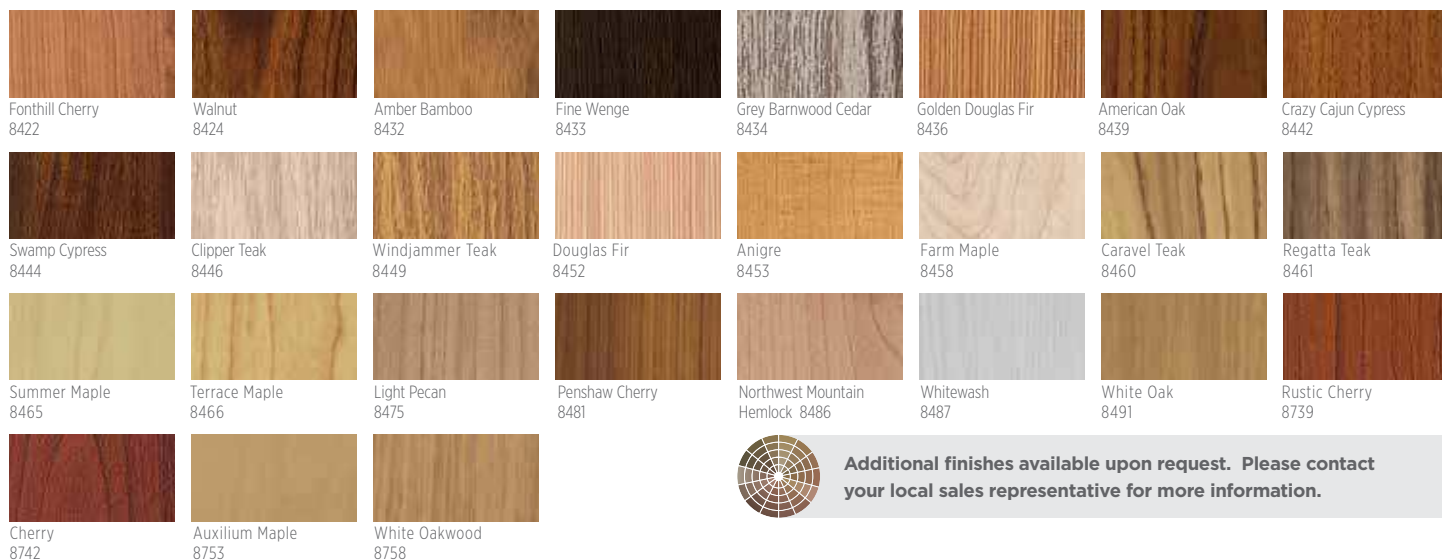
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

Decorated (Powder-Coat) Masonry Options

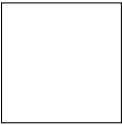
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



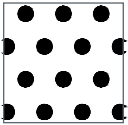
300C Linear Plank - Interior

Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



Non-perforated



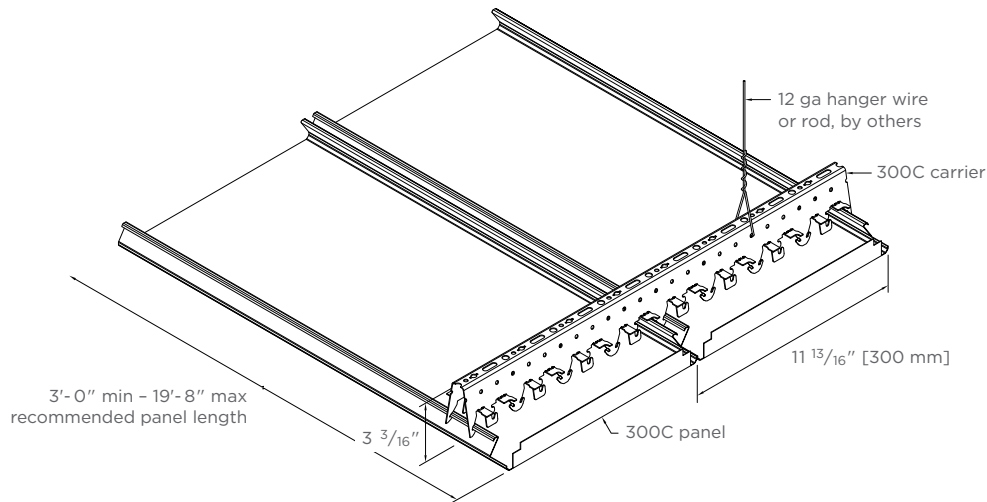
Pattern #124
Perforation diam: .079 in.
Open Area: 13%
Miami Dade NOA Approved



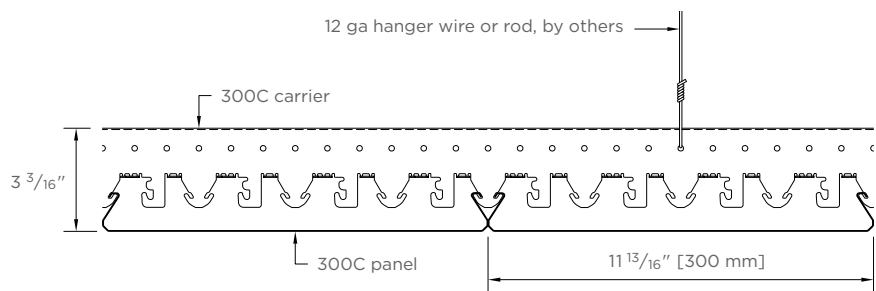
Pattern #160
Perforation diam: .060 in.
Open Area: 23%

Installation Examples

Typical Isometrics



Typical Section



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Jeffrey Johnson / Smoothie King Center / New Orleans, LA

LINEAR

Physical Data

MATERIAL
Aluminum

WEIGHT
Varies 0.5 – 0.75 lbs./sq.ft.

FIRE RATING
Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING
ZONES A,B,C,D,E,F

WIND LOAD
Per code. Designed and tested in accordance with the requirements of the Florida Building Code 7th edition (2020), including the High Velocity Hurricane Zone (HVHZ) provisions and Miami-Dade requirements. Miami-Dade County, Florida NOA No. 21-0308.02 (expires May 5, 2026) Ventilation panels available upon request.
See Miami-Dade certification.

RECYCLED CONTENT
Up to 92%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477
– Varies with finish
– Cotton White: LR = 0.81

WARRANTY
1-year Limited Warranty.
Full warranty information can be found at certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#124	13%	Non-Woven Acoustic	0.75
#24	13%	1" - 1-1/2" pcf density Polywrapped Pad	0.85
#160	23%	Non-Woven Acoustic	0.70
#160	23%	Non-woven Acoustic and 1" - 1.0 pcf Polywrapped Fiberglass	0.95

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.



Photo: Tianjin Metro Line 1, Tianjin, China

84R & 84G

The 84R and 84G Linear metal ceiling systems offer a rounded edge linear aesthetic at a nominal 4" width.

Features & Benefits

- Panel sizes:
 - Panel module width: 4"
 - Panel lengths: 3' to 16'
 - Panel depth: 5/8"
- Round-edge design
- Curved carrier with straight panel application available
- Easy plenum access
- Interior only
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

84R & 84G

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20), Crystalline White #1050P (Gloss 45-55), Supernova White #1085P (Gloss 80-90), Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



Arctic White
1015P



Crystalline White
1050P



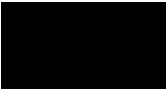
Supernova White
1085P



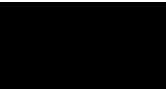
Aviation White
1011P

Black Finish Options

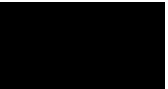
Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



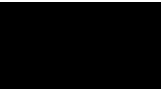
Starless Black
5000P



Raven Black
5030P



Sable Black
5060P

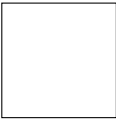


Wet Glass Black
5095P

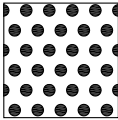
84R & 84G

Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



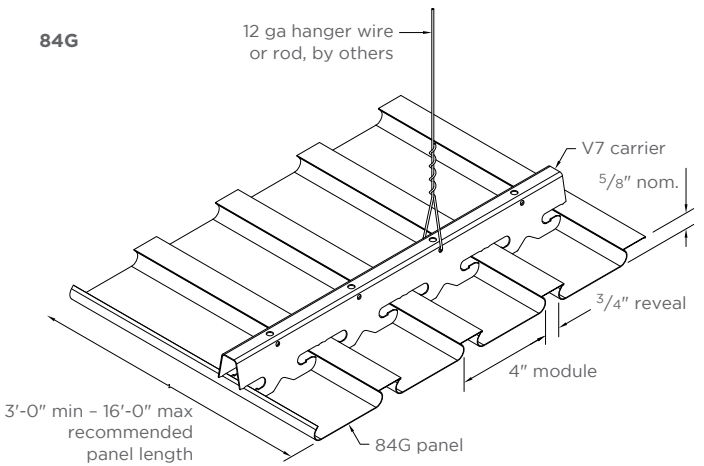
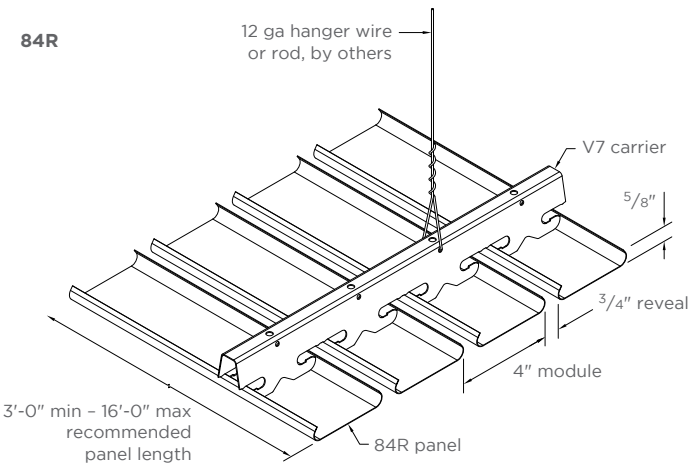
Non-perforated



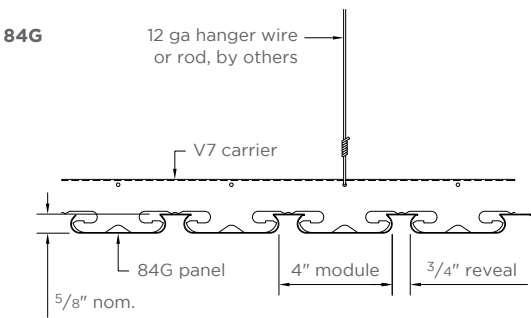
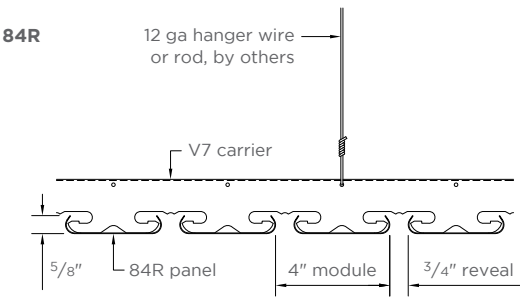
Pattern #160
Perforation diam: .060 in.
Open Area: 23%
(84R only)

Installation Examples

Typical Isometrics



Typical Sections



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: Ian Thorpe Aquatic Centre / Sydney, Australia

LINEAR

Physical Data

MATERIAL Aluminum	SEISMIC RATING ZONES A,B,C,D,E,F	LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477 - Cotton White: LR = 0.81
WEIGHT Varies 0.5 – 0.75 lbs./sq.ft.	WIND LOAD N/A	WARRANTY 1-year Limited Warranty. Full warranty information can be found at certainteed.com/warranty
FIRE RATING Class A Fire Rated per ASTM E84 - Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50 CAN/ULC-S102 - Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50	RECYCLED CONTENT Up to 92%	

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PRODUCT	ACOUSTICAL INFILL	NRC
84R, Perforation #160 (23% Open Area)	1" – 1.5 pcf Polywrapped Fiberglass, with Closure Strip	0.85
	1" – 1.5 pcf Polywrapped Fiberglass, with Open Reveal	0.90
Non-Perforated Panel with Open Reveal	1" – 1.5 pcf Polywrapped Fiberglass	0.70

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.





2025

BEAMS & BAFFLES

PORTFOLIO

—





Photo: © Bob Perzel, Twin Cities Orthopedics Performance Center, Eagan, MN

High Profile Series™ – Straight

The High Profile Series™ Straight Baffle ceiling system offers easy ceiling access and versatile, customizable designs for interior commercial applications.

Features & Benefits

- Aero Profile: • 1-5/8" x 6-3/8"
- Sweep Profile: • 1-3/4" x 6-3/8"
- Beam Profile: • 1-1/2" x 4-3/8" • 2" x 4" • 4" x 4"
• 1-1/2" x 6-3/8" • 2" x 6"
• 1-1/2" x 8-3/8" • 2" x 8"
• 1-1/2" x 10"
• 1-1/2" x 12"

Note: Client specific shapes and finishes available

- Beam – Open: • 4" x 4"
- Taper: • 1-1/2" x 8"
- Crescent: • 4" x 6-3/8"
- Extruded aluminum profiles with exacting fit and finish
- Seamless baffles up to 20 feet in length
- Unistrut® support system
- Baffles can be collapsible along Unistrut® for easy accessibility
- Client-specific suspension systems
- Patented locking mechanism

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 50%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



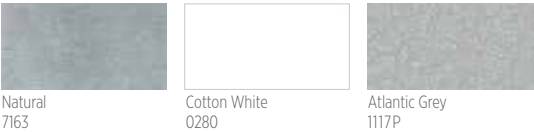
HPD
AVAILABLE

High Profile Series™ – Straight

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

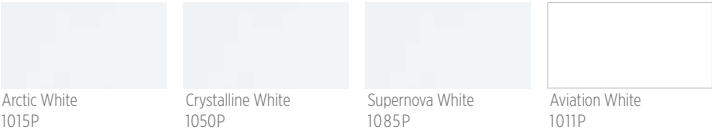


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



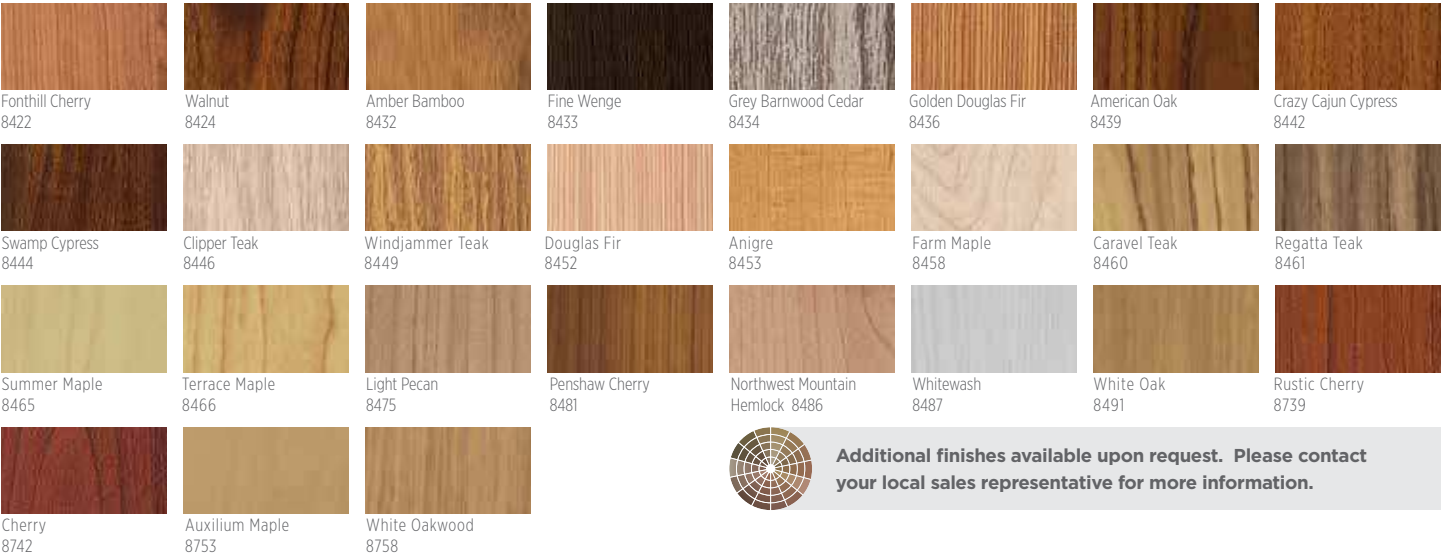
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

Decorated (Powder-Coat) Masonry Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

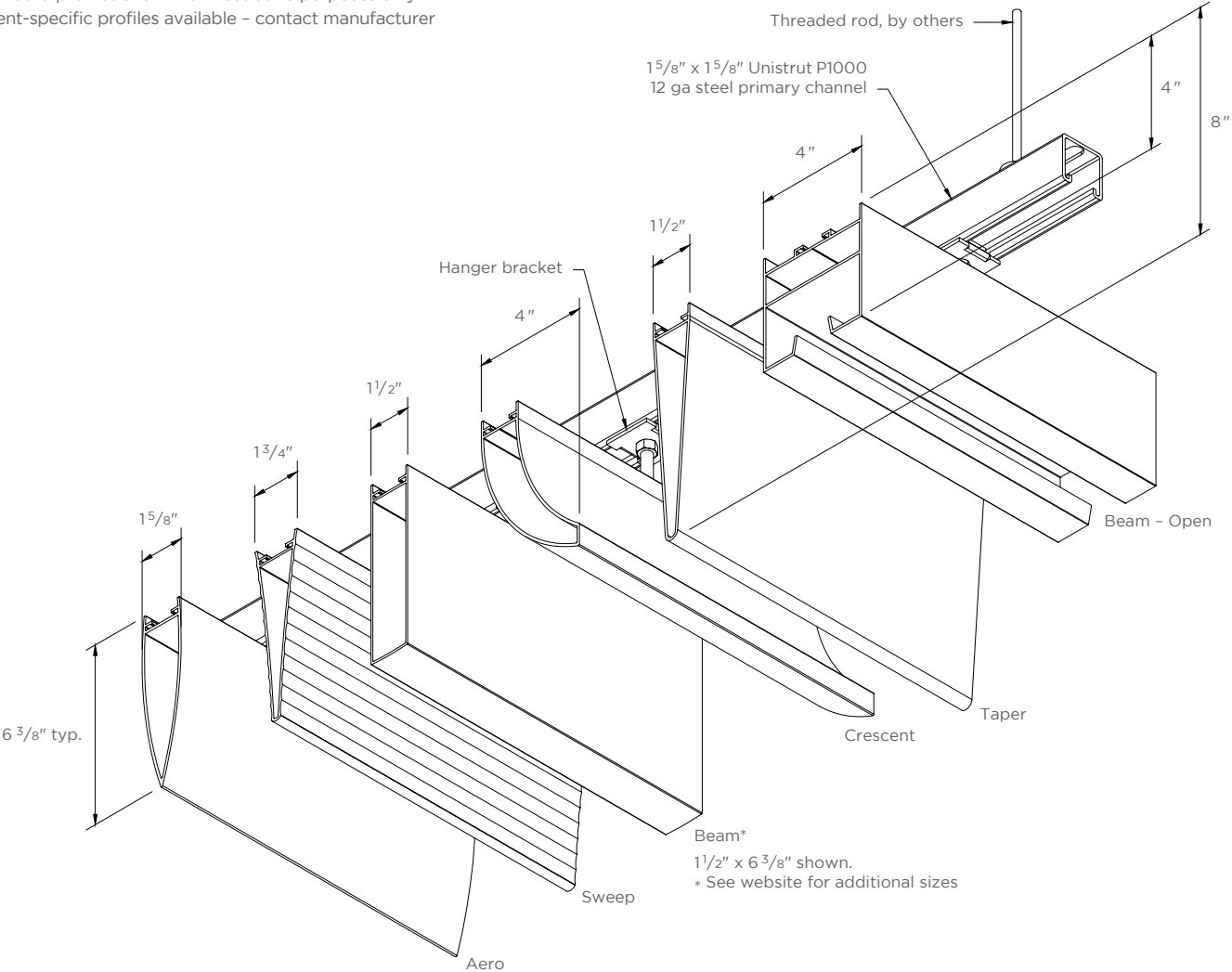


High Profile Series™ – Straight

Installation Examples

Typical Isometrics

Standard profiles shown for illustrative purposes only.
Client-specific profiles available – contact manufacturer



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Wade Griffith / Mercedes Benz Financial Services Operations Center / Fort Worth, TX

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 2.0 – 4.0 lbs./sq.ft.

FIRE RATING

- Class A Fire Rated per ASTM E84
- Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50
- CAN/ULC-S102
- Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 50%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

- Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty



Photo: © Studio 66 LLC, Corporate Learning & Development Center, Fort Mill, SC

High Profile Series™ – Horizontally Curved

The Horizontally Curved High Profile Series™ Baffle ceiling system offers versatile, customizable designs for interior commercial applications.

Features & Benefits

- Beam Sizes
 - Aero Profile: • 1-5/8" x 6-3/8"
 - Beam Profile: • 1-1/2" x 4-3/8" • 2" x 4" • 4" x 4"
 - 1-1/2" x 6-3/8" • 2" x 6"
 - 1-1/2" x 8-3/8" • 2" x 8"
 - 1-1/2" x 10"
 - 1-1/2" x 12"
 - Beam – Open: • 4" x 4"
- Note: Client specific shapes and finishes available
- Extruded aluminum profiles with exacting fit and finish
 - Minimum radius 48"
 - Seamless baffles with arc lengths 4 to 20 feet
 - Unistrut® support system
 - Client-specific suspension systems
 - Patented locking mechanism

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 50%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

High Profile Series™ – Horizontally Curved

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



White Oakwood
8758

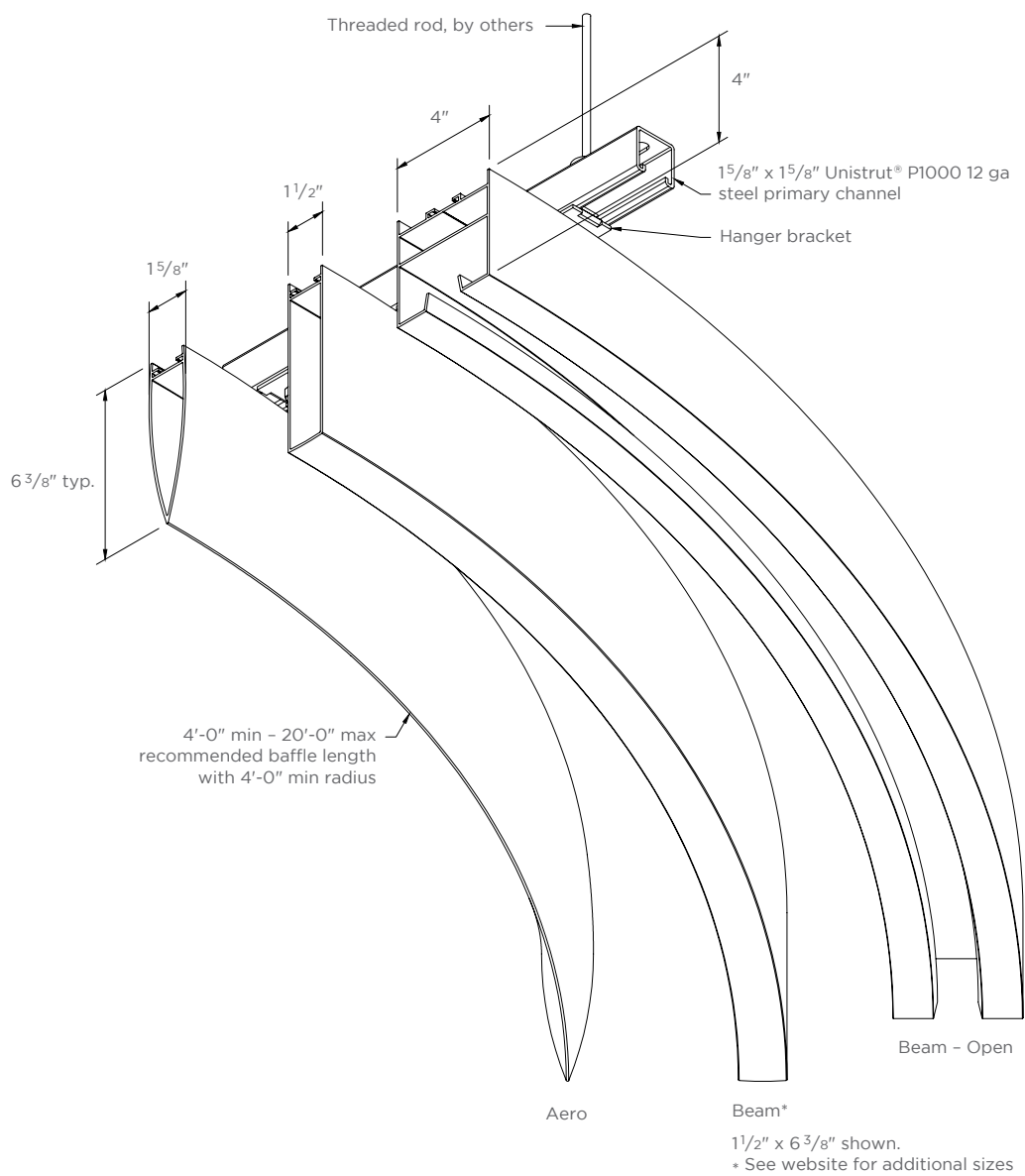


Additional finishes available upon request. Please contact your local sales representative for more information.

High Profile Series™ – Horizontally Curved

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Studio 66 LLC / Accenture / Atlanta, GA

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 2.0 – 4.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 50%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477
– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Photo: © Taube Photography, Jacobs Medical Center, UC San Diego Health, CA

High Profile Series™ – Vertically Curved

The High Profile Series™ Vertically Curved Baffle ceiling system offers versatile, customizable designs for interior commercial applications.

Features & Benefits

- Standard profile: 1-1/2" x 6-3/8" Beam
- Extruded aluminum profiles with exacting fit and finish
- Minimum radius 48"
- Seamless baffles with arc lengths 4 to 20 feet
- Unistrut® support system
- Client-specific suspension systems
- Patented locking mechanism
- Strength to support signage

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 50%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

High Profile Series™ – Vertically Curved

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

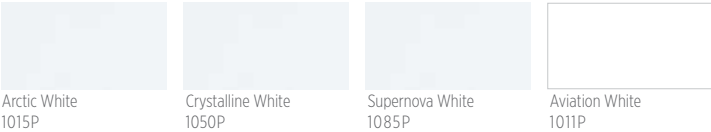


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



Black Finish Options

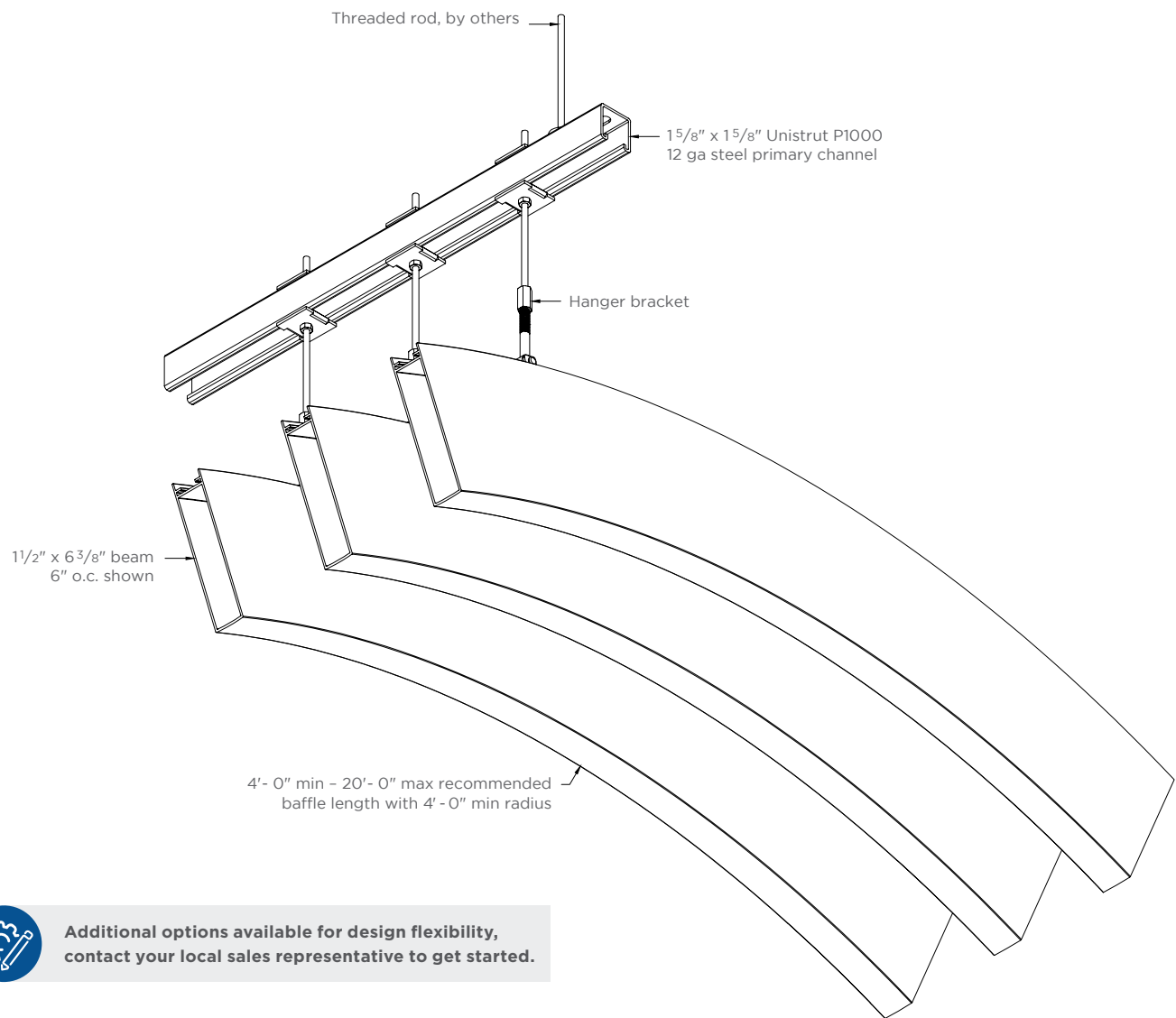
Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



High Profile Series™ – Vertically Curved

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Taube Photography / Jacobs Medical Center / UC San Diego Health, CA

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 2.0 – 4.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 50%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information
can be found at

certainteed.com/warranty



Photo: © Wade Griffith, Mercedes Benz Financial Services Operations Center, Fort Worth, TX

High Profile Series™ – Frameworks

The High Profile Series™ Frameworks ceiling system offers versatile, customizable designs for interior commercial applications.

Features & Benefits

- Beam Profile
 - 1-1/2" x 4-3/8" • 2" x 4" • 4" x 4"
 - 1-1/2" x 6-3/8" • 2" x 6"
 - 1-1/2" x 8-3/8" • 2" x 8"
 - 1-1/2" x 10"
 - 1-1/2" x 12"

Note: Client specific shapes and finishes available
- Extruded aluminum beam configurations can be customized to create one-off ceiling designs
- Precision-cut straight and curved elements to create peaks, valleys, angles, walls & screens
- Seamless baffles up to 20 feet in length
- Integrated lighting options
- Versatile support options include threaded rods, Unistrut® support system or aircraft cables for lower visibility
- Patented locking mechanism

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 50%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



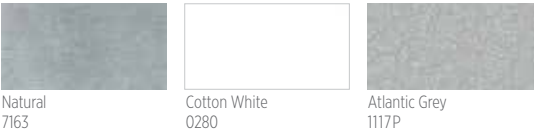
HPD
AVAILABLE

High Profile Series™ – Frameworks

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

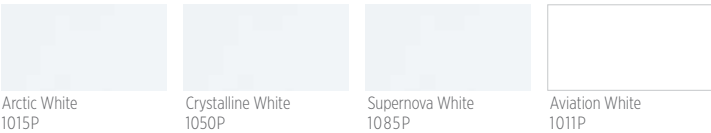


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



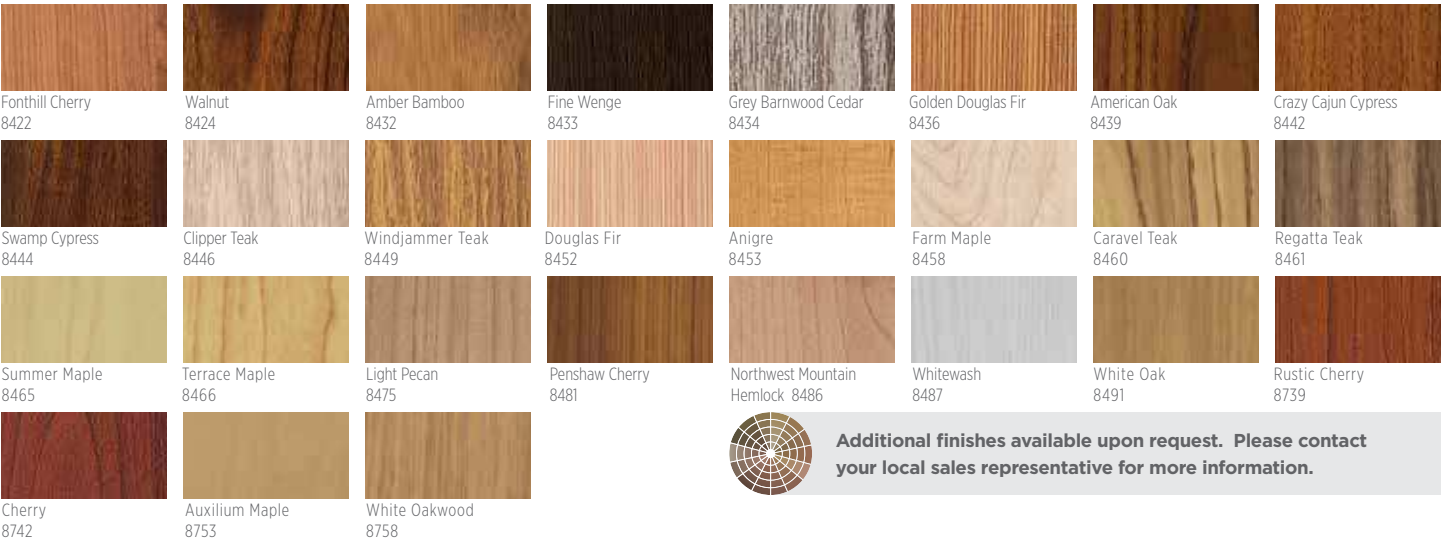
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

Decorated (Powder-Coat) Masonry Options

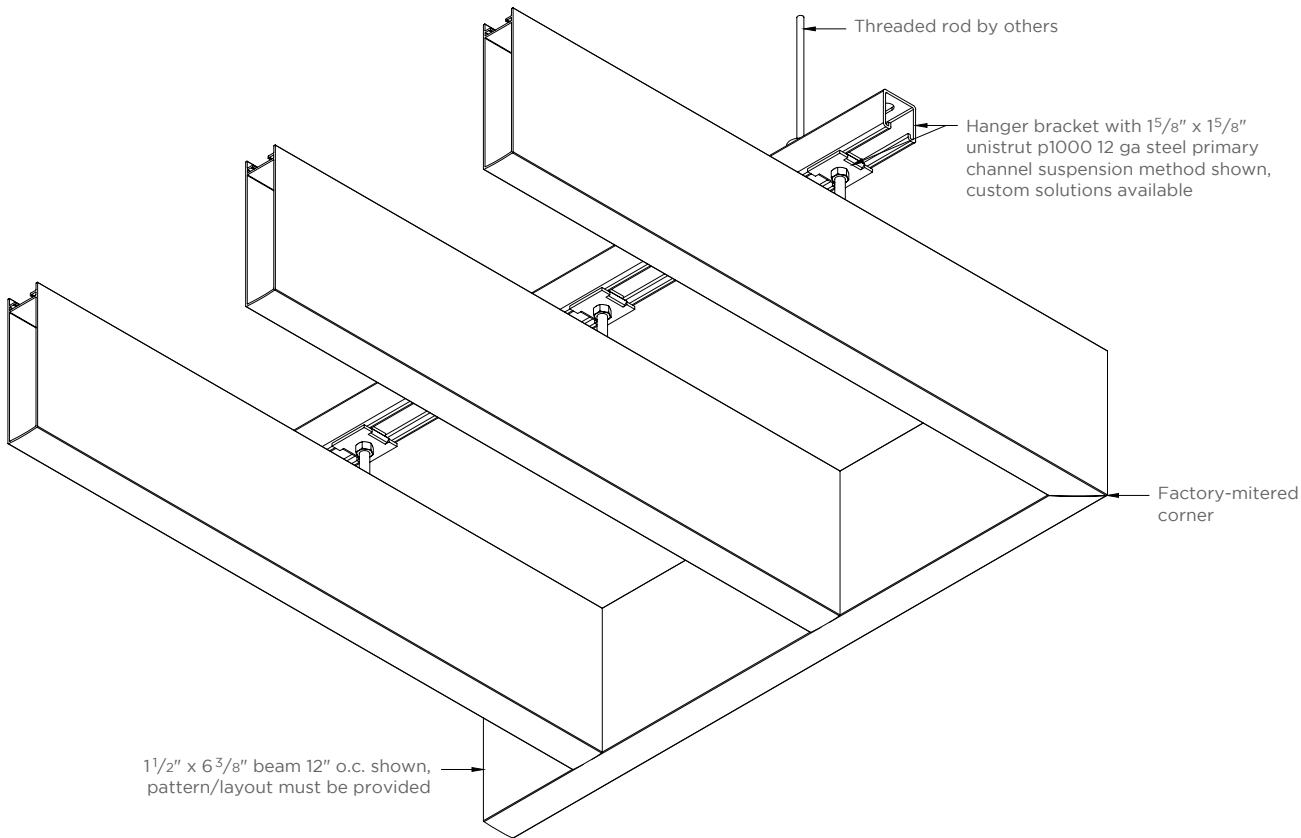
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



High Profile Series™ - Frameworks

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Studio 66 LLC / Accenture / Atlanta, GA

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 2.0 – 4.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 50%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty



Photo: © Bob Perzel, Northwestern University Walter Athletics Center, Evanston, IL

Tavola™ Prime Beams and Baffles

The Tavola™ Prime Beams and Baffles metal ceiling system offers a lightweight linear aluminum solution for interior commercial spaces.

Features & Benefits

- Multitude of profile dimensions up to 12' long
- Perforation patterns provide elevated acoustics
- Hidden scissor clips mount to standard heavy-duty 15/16" T-grid suspension
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



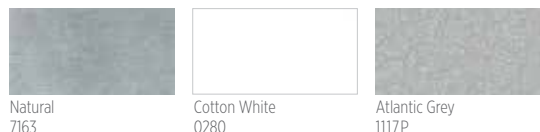
HPD
AVAILABLE

Tavola™ Prime Beams and Baffles

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

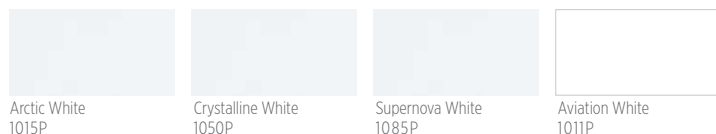


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



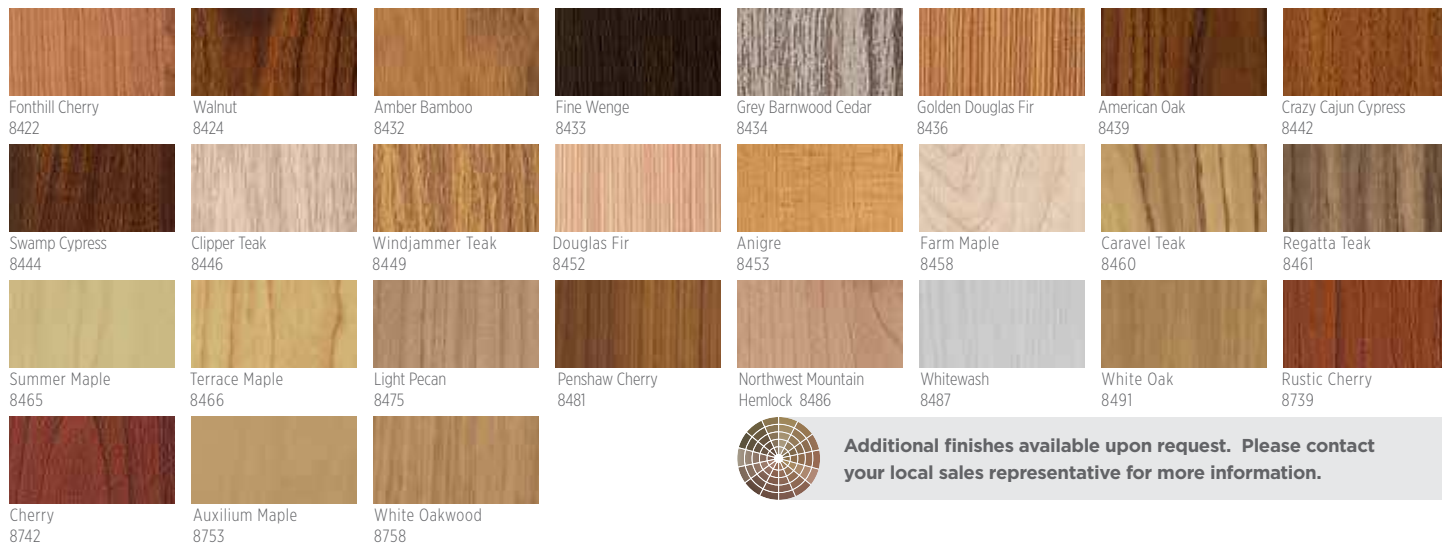
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



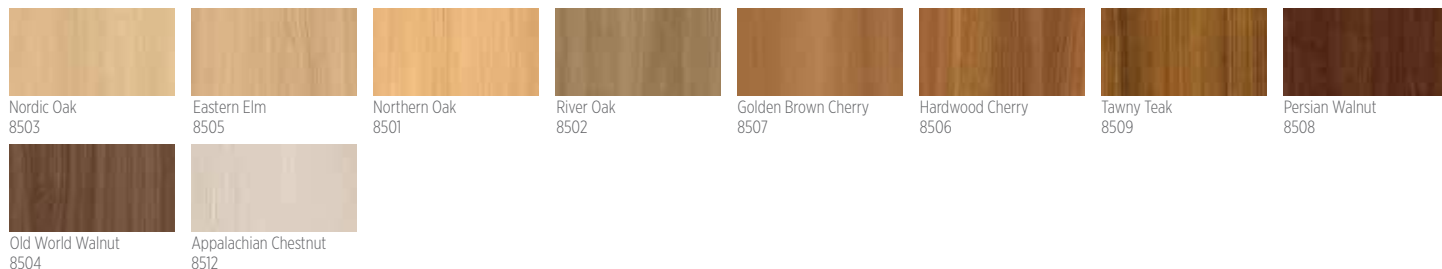
Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Laminated (Film) Wood Finishes

Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



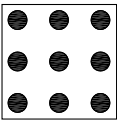
Tavola™ Prime Beams and Baffles

Perforation Patterns

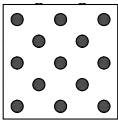
Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.



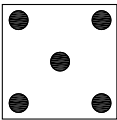
Non-perforated



Pattern #106
Perf. dia: .098 in.
Open area: 16%



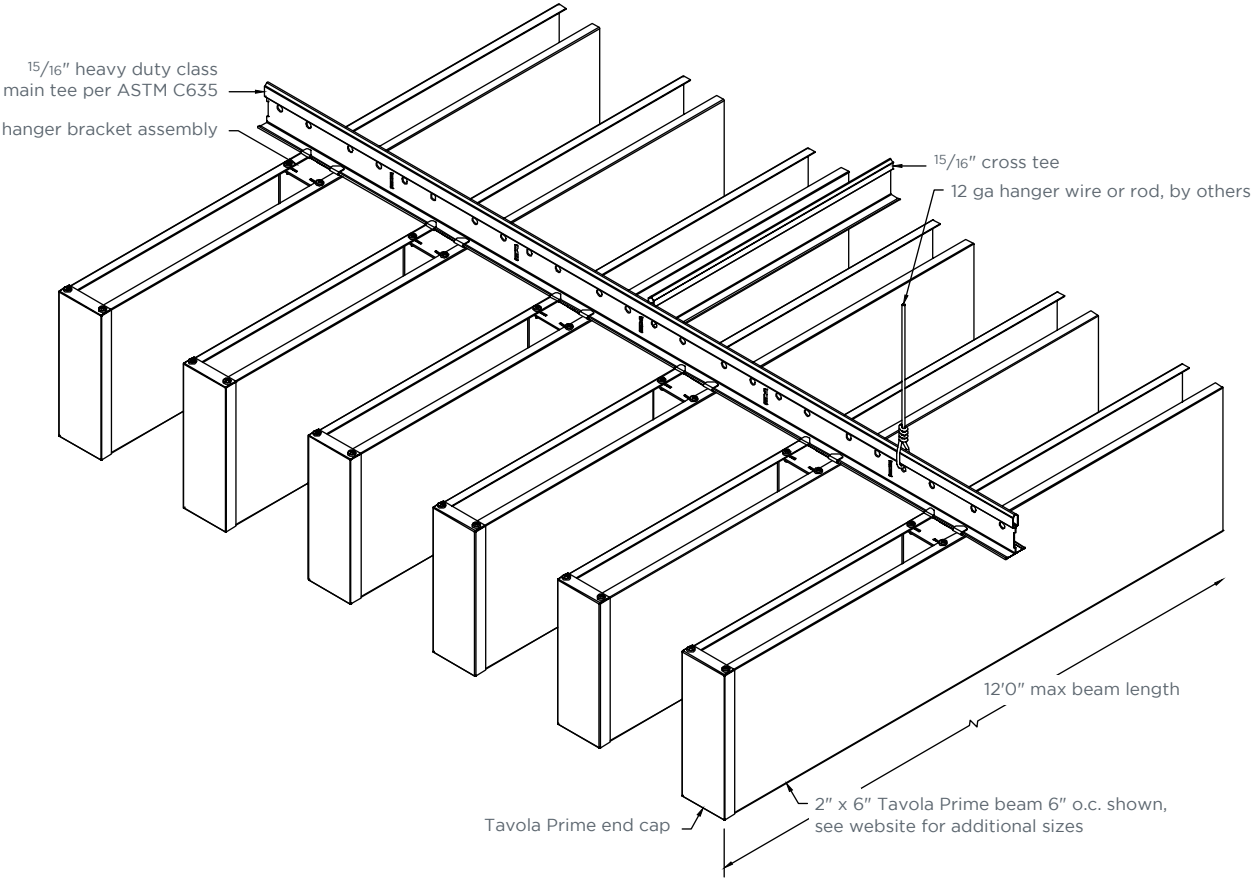
Pattern #115
Perf. dia: .063 in.
Open area: 12%



Pattern #119
Perf. dia: .098 in.
Open area: 8%

Installation Examples

Typical Isometrics



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Taube Photography / Two Rivers Convention Center / Grand Junction, CO

Physical Data

MATERIAL
Aluminum

WEIGHT
Varies 0.5 – 2.1 lbs./sq.ft.

FIRE RATING
Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING
ZONES A,B,C,D,E,F

WIND LOAD
N/A

RECYCLED CONTENT
Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477
– Varies with finish
– Cotton White: LR = 0.81

WARRANTY
1-year Limited Warranty.
Full warranty information can be found at certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

ACOUSTICAL BAFFLE TEST RESULTS:	2" x 6" Perforated Baffle Beam – Spacing 6" o.c.	2" x 12" Perforated Baffle Beam – Spacing 12" o.c.
	2" x 8" Perforated Baffle Beam – Spacing 8" o.c.	2" x 15" Perforated Baffle Beam – Spacing 15" o.c.
	2" x 10" Perforated Baffle Beam – Spacing 10" o.c.	

PERFORATION PATTERN	ACOUSTICAL INFILL	2" x 6"		2" x 8"		2" x 10"		2" x 12"		2" x 15"	
		APPARENT		APPARENT		APPARENT		APPARENT		APPARENT	
		NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA
106	Non-Woven plus 1.5", 1.5 pcf fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
106	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.95	*	*	*	*	*	*	*	*
106	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	1.00	0.96	*	*	*	*	*	*	*	*
106	Non-Woven	0.60	0.59	*	*	*	*	*	*	*	*
115	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.10	1.09	1.10	1.11	1.15	1.16	1.15	1.16	1.20	1.21
115	1.5", 1.5 pcf black poly encapsulated fiberglass	1.05	1.05	1.05	1.04	1.10	1.11	1.10	1.09	1.15	1.16
115	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
115	Non-Woven	0.70	0.69	0.60	0.61	0.75	0.73	0.75	0.74	0.75	0.75
119	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.98	1.05	1.07	1.15	1.12	1.10	1.10	1.15	1.15
119	1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.94	1.05	1.03	1.10	1.08	1.05	1.04	1.10	1.11
119	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	0.90	0.94	*	*	*	*	*	*	*	*
119	Non-Woven	0.60	0.58	0.60	0.60	0.75	0.73	0.75	0.76	0.75	0.73

Tests conducted in accordance with ASTM C423 and E795, with mounting type "J". Test reports available upon request.

* Not tested

Appendix D to ASTM C423 Sound Absorption Test
Non-standard calculation of equivalent NRC Rating and Absorption Coefficients from spaced absorbers

At this time, ASTM C423 does not provide a standard method for determining absorption coefficients of spaced object absorbers. Tests of a set of sound absorbing objects spaced apart from each other will yield higher absorption rates than a specimen joined together as a single patch (A-Mount or E-Mount). For this reason it is unfair to provide NRC or absorption coefficient ratings for specimens that consist of a spaced set of absorbers. Despite this, the architectural industry has expressed great demand for a simple "single number" rating for these treatments. Likewise, acoustical consultants desire equivalent absorption coefficient data for use in acoustical modeling software. The following is an attempt to appease these demands until ASTM develops a standard method for calculation. Several alternate non-standard calculation methods are provided. Riverbank Acoustical Laboratories prefers method 1. Rating titles for these methods are prepended with the word "Apparent". These rating names and their associated acronyms are provided by RAL and shall not be misconstrued as originating from any current standard.

Photo: © Josh New, Cox Business Convention Center, Tulsa, OK

Tavola™ Tall Beams and Baffles

The Tavola™ Tall Beams and Baffles metal ceiling system features a breadth of profile heights and undulating profiles that introduce linear depth and dimensionality into interior spaces.

Features & Benefits

- Multitude of profile dimensions up to 12' long Dimensions:
 - 1", 1.5" and 2" width
 - Available in multiple heights – above 6" up to 15"
- Very high acoustical performance up to 1.10 apparent NRC
- Factory-assembled end cap profiles
- Hidden scissor clips mount to standard heavy-duty 15/16" T-grid suspension
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Tavola™ Tall Beams and Baffles

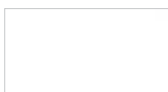
Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



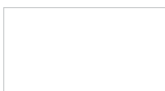
Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel.

This finish is recommended for exterior conditions.



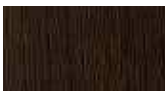
Fonthill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



White Oakwood
8758



Additional finishes available upon request. Please contact your local sales representative for more information.

Laminated (Film) Wood Finishes

Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Nordic Oak
8503



Eastern Elm
8505



Northern Oak
8501



River Oak
8502



Golden Brown Cherry
8507



Hardwood Cherry
8506



Tawny Teak
8509



Persian Walnut
8508



Old World Walnut
8504



Appalachian Chestnut
8512

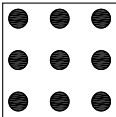
Tavola™ Tall Beams and Baffles

Perforation Patterns

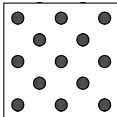
Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.



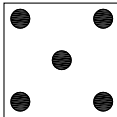
Non-perforated



Pattern #106
Perf. dia: .098 in.
Open area: 16%



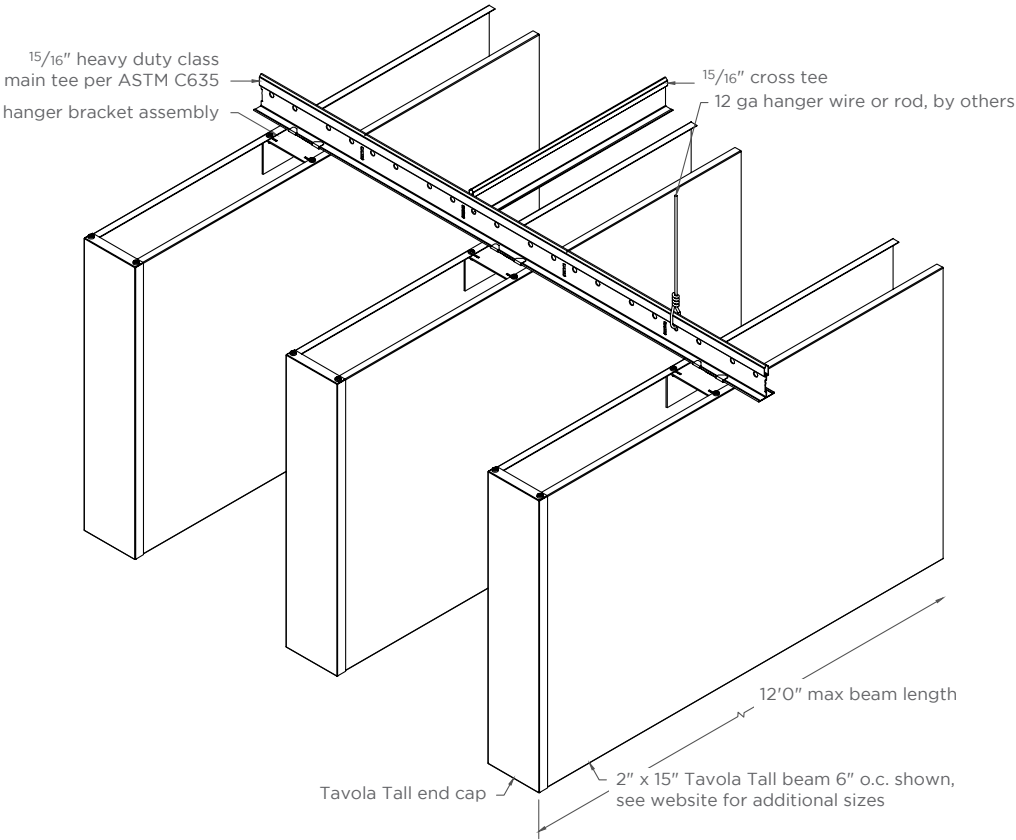
Pattern #115
Perf. dia: .063 in.
Open area: 12%



Pattern #119
Perf. dia: .098 in.
Open area: 8%

Installation Examples

Typical Isometrics



Additional options available for design flexibility,
contact your local sales representative to get started.

Photo: © Josh New / Cox Business Convention Center / Tulsa, OK

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 4.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Varies with finish

– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

ACOUSTICAL BAFFLE TEST RESULTS: 2" x 6" Perforated Baffle Beam – Spacing 6" o.c. 2" x 12" Perforated Baffle Beam – Spacing 12" o.c.
2" x 8" Perforated Baffle Beam – Spacing 8" o.c. 2" x 15" Perforated Baffle Beam – Spacing 15" o.c.
2" x 10" Perforated Baffle Beam – Spacing 10" o.c.

PERFORATION PATTERN	ACOUSTICAL INFILL	2" x 6"		2" x 8"		2" x 10"		2" x 12"		2" x 15"	
		APPARENT		APPARENT		APPARENT		APPARENT		APPARENT	
		NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA
106	Non-Woven plus 1.5", 1.5 pcf fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
106	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.95	*	*	*	*	*	*	*	*
106	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	1.00	0.96	*	*	*	*	*	*	*	*
106	Non-Woven	0.60	0.59	*	*	*	*	*	*	*	*
115	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.10	1.09	1.10	1.11	1.15	1.16	1.15	1.16	1.20	1.21
115	1.5", 1.5 pcf black poly encapsulated fiberglass	1.05	1.05	1.05	1.04	1.10	1.11	1.10	1.09	1.15	1.16
115	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
115	Non-Woven	0.70	0.69	0.60	0.61	0.75	0.73	0.75	0.74	0.75	0.75
119	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.98	1.05	1.07	1.15	1.12	1.10	1.10	1.15	1.15
119	1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.94	1.05	1.03	1.10	1.08	1.05	1.04	1.10	1.11
119	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	0.90	0.94	*	*	*	*	*	*	*	*
119	Non-Woven	0.60	0.58	0.60	0.60	0.75	0.73	0.75	0.76	0.75	0.73

Tests conducted in accordance with ASTM C423 and E795, with mounting type "J". Test reports available upon request.

* Not tested

Appendix D to ASTM C423 Sound Absorption Test

Non-standard calculation of equivalent NRC Rating and Absorption Coefficients from spaced absorbers

At this time, ASTM C423 does not provide a standard method for determining absorption coefficients of spaced object absorbers. Tests of a set of sound absorbing objects spaced apart from each other will yield higher absorption rates than a specimen joined together as a single patch (A-Mount or E-Mount). For this reason it is unfair to provide NRC or absorption coefficient ratings for specimens that consist of a spaced set of absorbers. Despite this, the architectural industry has expressed great demand for a simple "single number" rating for these treatments. Likewise, acoustical consultants desire equivalent absorption coefficient data for use in acoustical modeling software. The following is an attempt to appease these demands until ASTM develops a standard method for calculation. Several alternate non-standard calculation methods are provided. Riverbank Acoustical Laboratories prefers method 1. Rating titles for these methods are prepended with the word "Apparent". These rating names and their associated acronyms are provided by RAL and shall not be misconstrued as originating from any current standard.



Photo: © Studio 66 LLC, National Interstate Insurance Company Headquarters, Richfield, OH

Tavola™ Divergent Beams and Baffles

The Tavola™ Divergent Beams and Baffles metal ceiling system features non-parallel designs that create organic textures in an unlimited variety of interior configurations.

Features & Benefits

- Use twist clips to create motion
- Multitude of profile dimensions up to 12' long
- Three perforation patterns for elevated acoustics
- Standard heavy-duty 15/16" T-grid suspension
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 85%
✓	MR: Building Product Disclosure
✓	EQ: Low-Emitting Materials
✓	EQ: Indoor Air Quality Assessment
✓	EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS

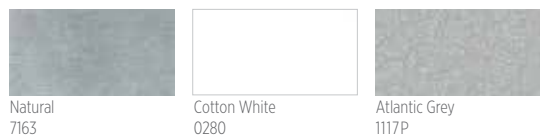
		
GREENGUARD: GOLD CERTIFIED	EPD AVAILABLE	HPD AVAILABLE

Tavola™ Divergent Beams and Baffles

Colors & Finishes

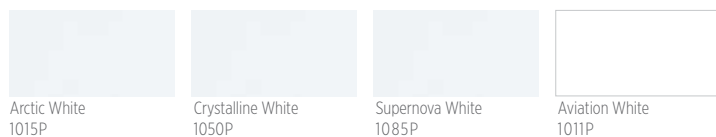
A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



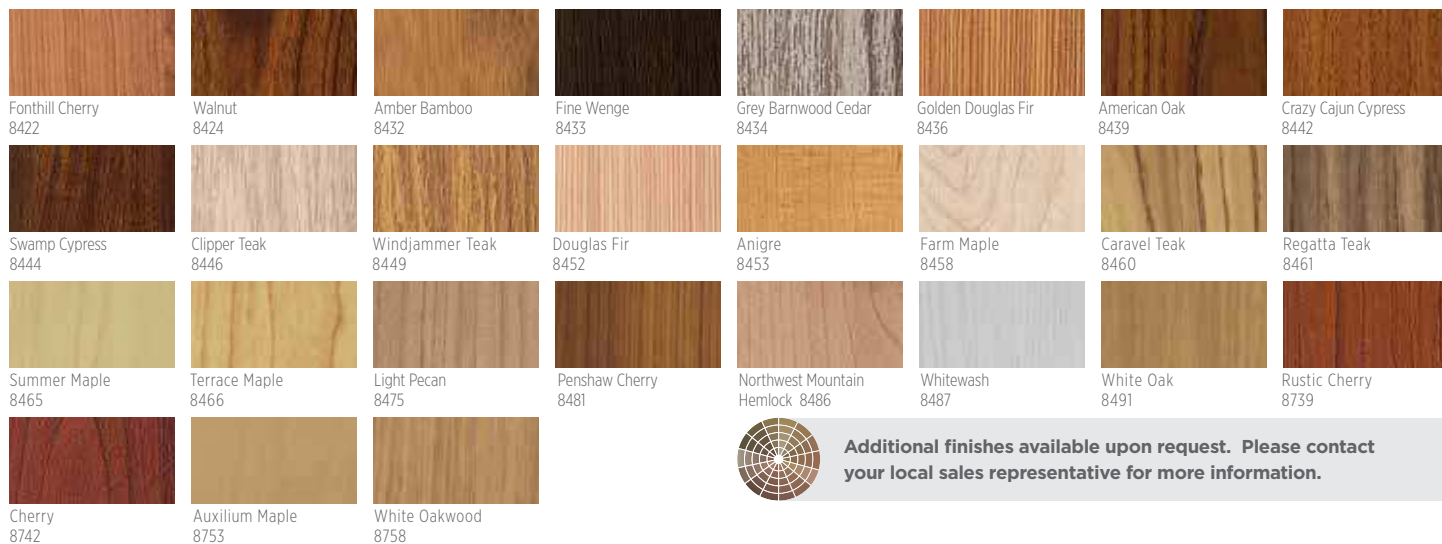
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



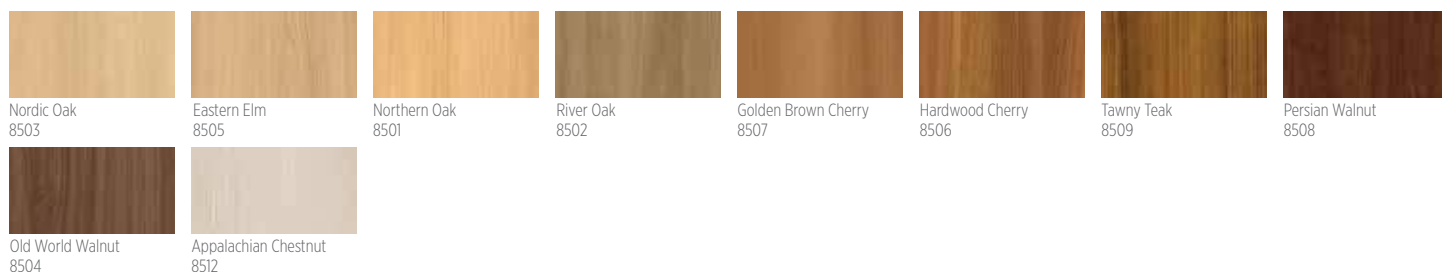
Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Laminated (Film) Wood Finishes

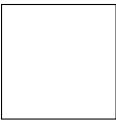
Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



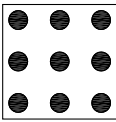
Tavola™ Divergent Beams and Baffles

Perforation Patterns

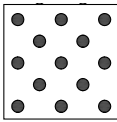
Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.



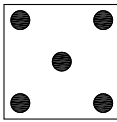
Non-perforated



Pattern #106
Perf. dia: .098 in.
Open area: 16%



Pattern #115
Perf. dia: .063 in.
Open area: 12%

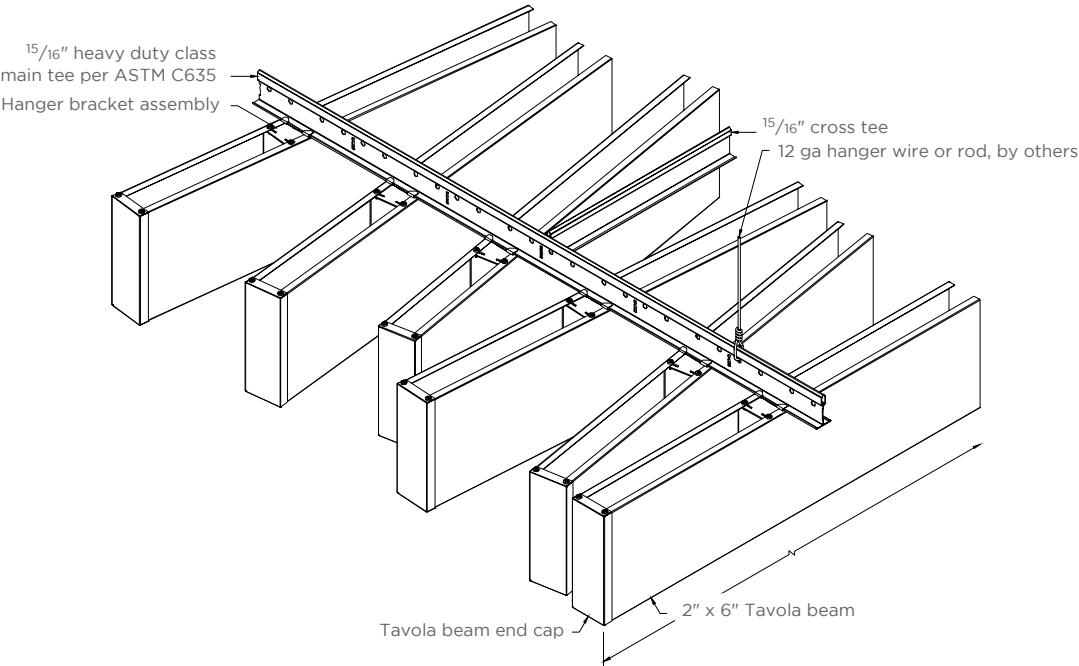


Pattern #119
Perf. dia: .098 in.
Open area: 8%

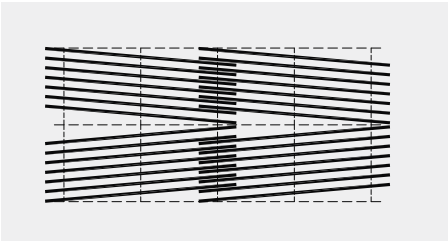
Installation Examples

Typical Isometrics

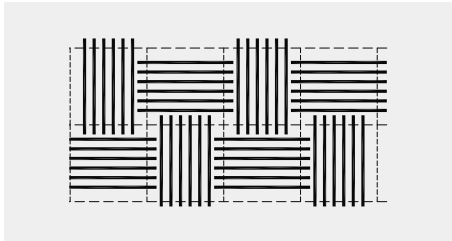
Pattern shown for illustrative purposes only. Pattern must be specified. See website for additional sizes.



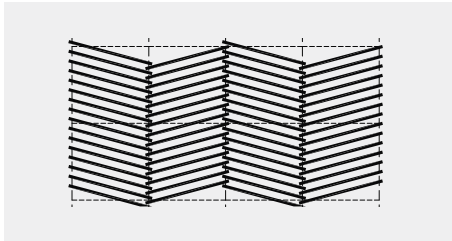
Configurations



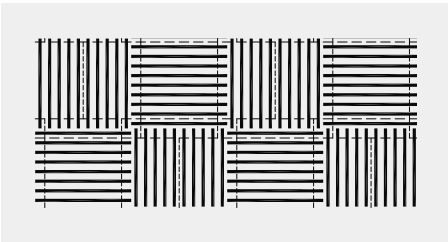
V-Pattern



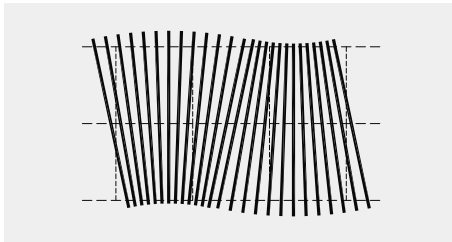
Pinwheel



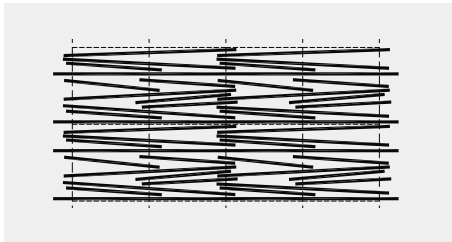
Chevron



Basket Weave



Fan



Random Alpha



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Studio 66 LLC / Corporate Learning & Development Center / Fort Mill, SC

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 4.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Varies with finish
– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

ACOUSTICAL BAFFLE

2" x 6" Perforated Baffle Beam – Spacing 6" o.c.

TEST RESULTS:

2" x 8" Perforated Baffle Beam – Spacing 8" o.c.

2" x 10" Perforated Baffle Beam – Spacing 10" o.c.

2" x 12" Perforated Baffle Beam – Spacing 12" o.c.

2" x 15" Perforated Baffle Beam – Spacing 15" o.c.

PERFORATION PATTERN	ACOUSTICAL INFILL	2" x 6"		2" x 8"		2" x 10"		2" x 12"		2" x 15"	
		APPARENT		APPARENT		APPARENT		APPARENT		APPARENT	
		NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA
106	Non-Woven plus 1.5", 1.5 pcf fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
106	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.95	*	*	*	*	*	*	*	*
106	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	1.00	0.96	*	*	*	*	*	*	*	*
106	Non-Woven	0.60	0.59	*	*	*	*	*	*	*	*
115	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.10	1.09	1.10	1.11	1.15	1.16	1.15	1.16	1.20	1.21
115	1.5", 1.5 pcf black poly encapsulated fiberglass	1.05	1.05	1.05	1.04	1.10	1.11	1.10	1.09	1.15	1.16
115	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
115	Non-Woven	0.70	0.69	0.60	0.61	0.75	0.73	0.75	0.74	0.75	0.75
119	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.98	1.05	1.07	1.15	1.12	1.10	1.10	1.15	1.15
119	1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.94	1.05	1.03	1.10	1.08	1.05	1.04	1.10	1.11
119	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	0.90	0.94	*	*	*	*	*	*	*	*
119	Non-Woven	0.60	0.58	0.60	0.60	0.75	0.73	0.75	0.76	0.75	0.73

Tests conducted in accordance with ASTM C423 and E795, with mounting type "J". Test reports available upon request.

* Not tested

Appendix D to ASTM C423 Sound Absorption Test

Non-standard calculation of equivalent NRC Rating and Absorption Coefficients from spaced absorbers

At this time, ASTM C423 does not provide a standard method for determining absorption coefficients of spaced object absorbers. Tests of a set of sound absorbing objects spaced apart from each other will yield higher absorption rates than a specimen joined together as a single patch (A-Mount or E-Mount). For this reason it is unfair to provide NRC or absorption coefficient ratings for specimens that consist of a spaced set of absorbers. Despite this, the architectural industry has expressed great demand for a simple "single number" rating for these treatments. Likewise, acoustical consultants desire equivalent absorption coefficient data for use in acoustical modeling software. The following is an attempt to appease these demands until ASTM develops a standard method for calculation. Several alternate non-standard calculation methods are provided. Riverbank Acoustical Laboratories prefers method 1. Rating titles for these methods are prepended with the word "Apparent". These rating names and their associated acronyms are provided by RAL and shall not be misconstrued as originating from any current standard.

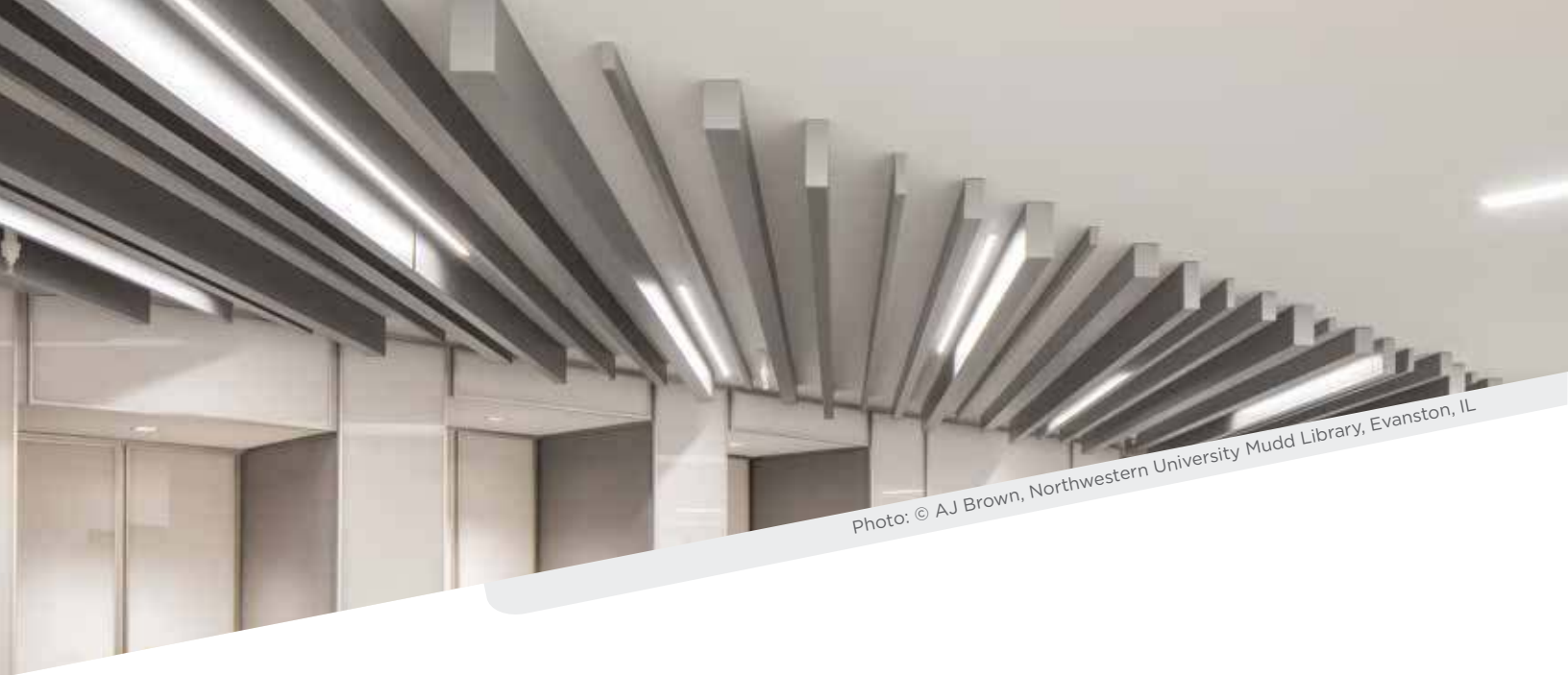


Photo: © A.J. Brown, Northwestern University Mudd Library, Evanston, IL

Tavola™ Levels Beams and Baffles

The Tavola™ Levels Beams and Baffles metal ceiling system creates topography and rhythm across interior ceiling planes through its variety of widths, heights, and reveals.

Features & Benefits

- Create topography with multiple beam heights and multiple beam widths
- Multitude of profile dimensions up to 12' long
- Perforation patterns provide elevated acoustics
- Standard heavy-duty 15/16" T-grid suspension
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



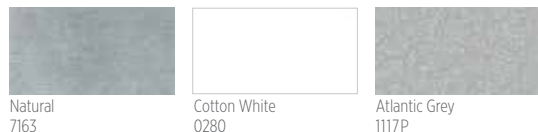
HPD
AVAILABLE

Tavola™ Levels Beams and Baffles

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90); Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



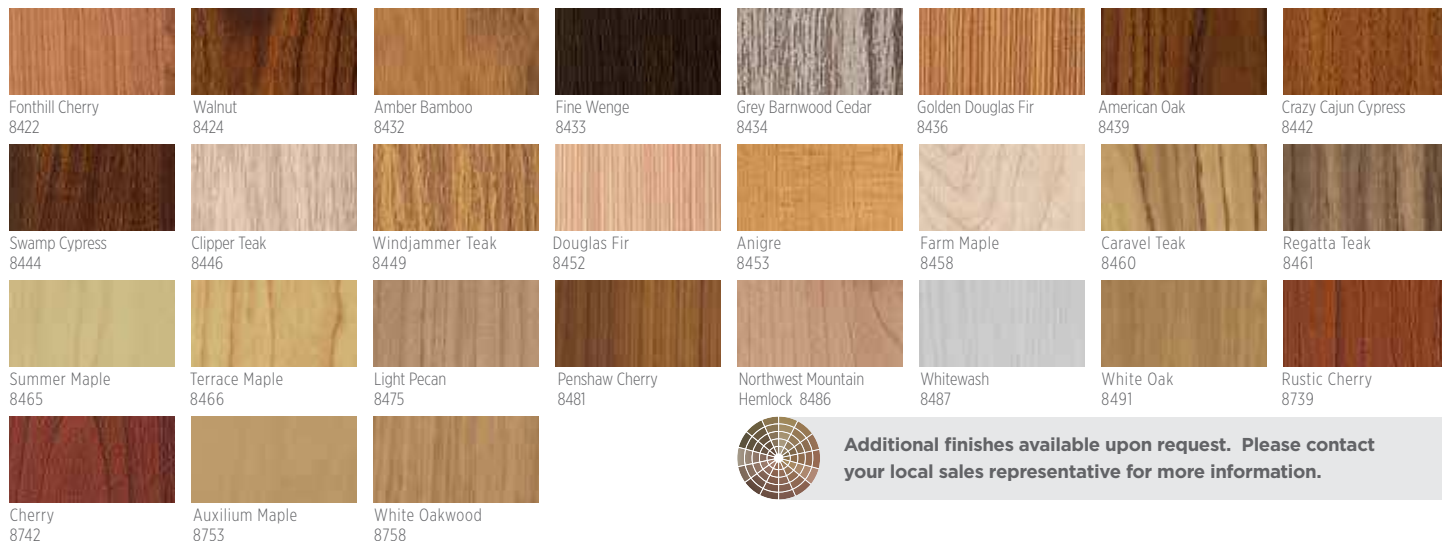
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

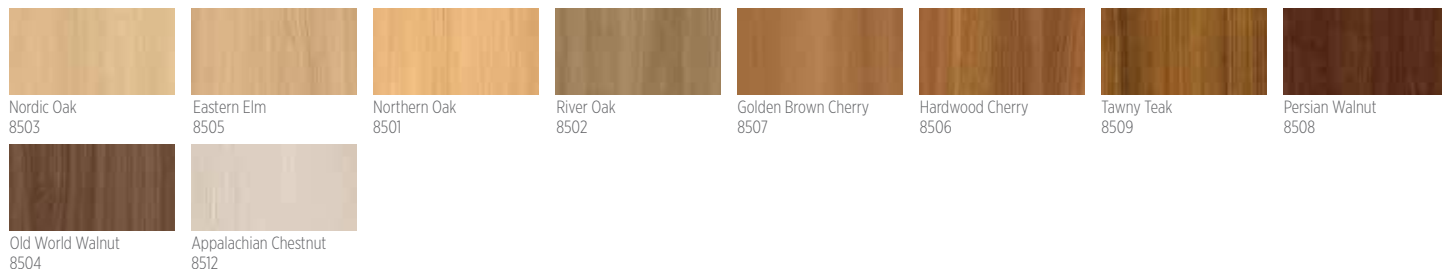
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

Laminated (Film) Wood Finishes

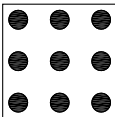
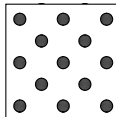
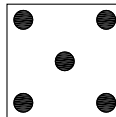
Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Tavola™ Levels Beams and Baffles

Perforation Patterns

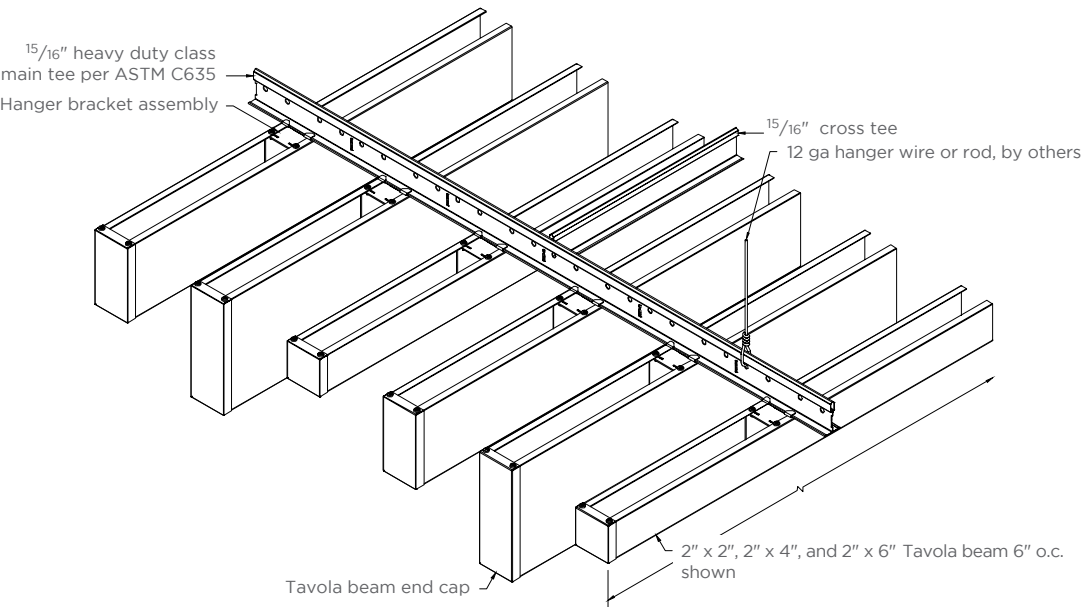
Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

			
Non-perforated	Pattern #106 Perf. dia: .098 in. Open area: 16%	Pattern #115 Perf. dia: .063 in. Open area: 12%	Pattern #119 Perf. dia: .098 in. Open area: 8%

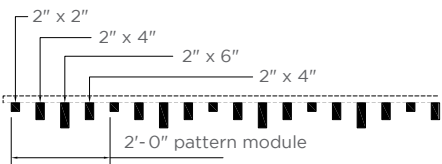
Installation Examples

Typical Isometrics

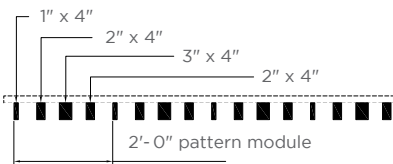
Pattern shown for illustrative purposes only. Pattern must be specified. See website for additional sizes.



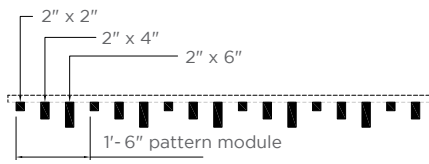
Configurations



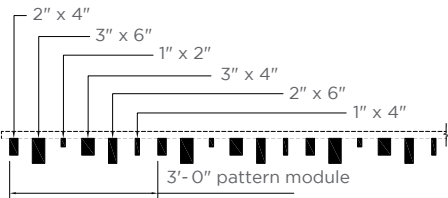
Wave



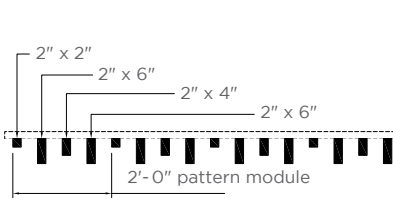
Barcode



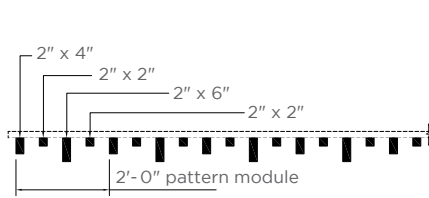
Step



Stagger



Choppy



Scatter



Additional options available for design flexibility, contact your local sales representative to get started.

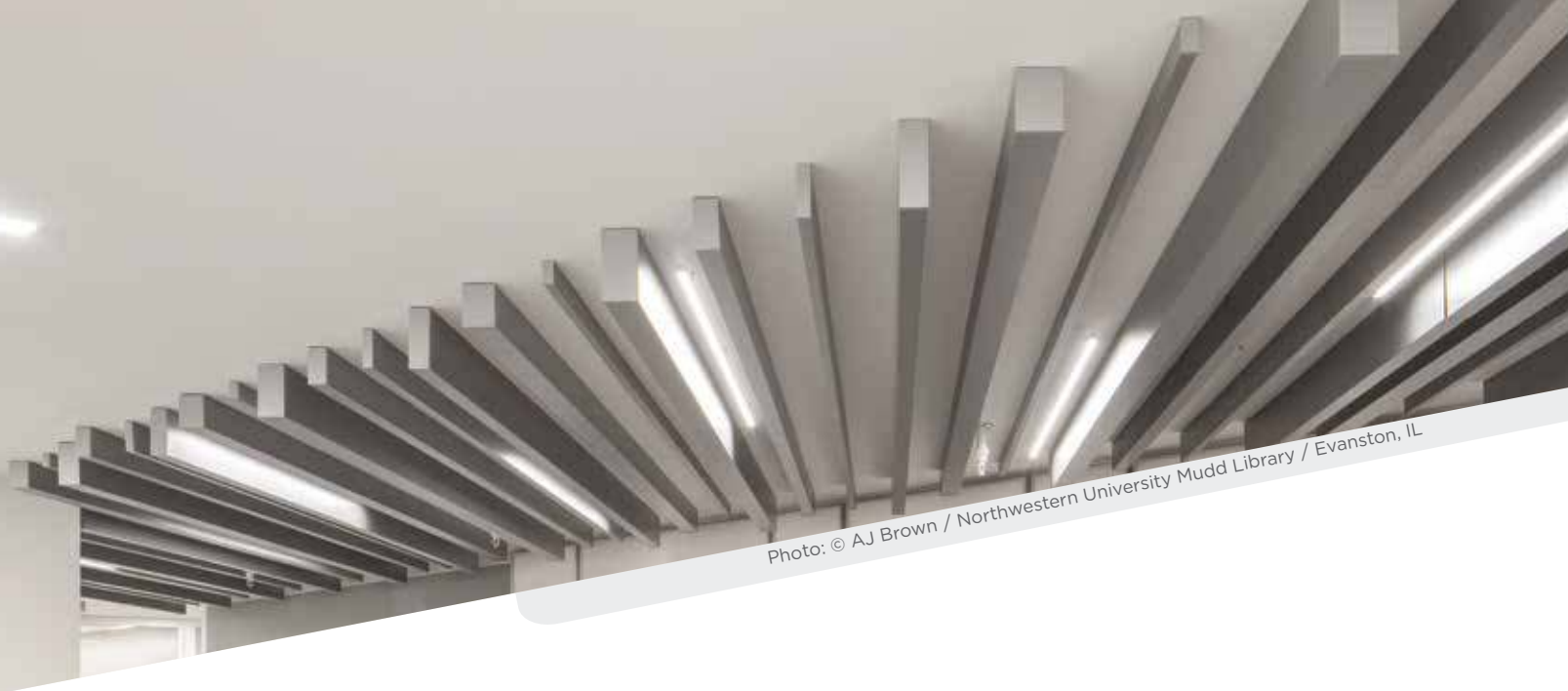


Photo: © AJ Brown / Northwestern University Mudd Library / Evanston, IL

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 2.1 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477

– Varies with finish
– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

ACOUSTICAL BAFFLE TEST RESULTS:	2" x 6" Perforated Baffle Beam – Spacing 6" o.c.	2" x 12" Perforated Baffle Beam – Spacing 12" o.c.
	2" x 8" Perforated Baffle Beam – Spacing 8" o.c.	2" x 15" Perforated Baffle Beam – Spacing 15" o.c.
	2" x 10" Perforated Baffle Beam – Spacing 10" o.c.	

PERFORATION PATTERN	ACOUSTICAL INFILL	2" x 6"		2" x 8"		2" x 10"		2" x 12"		2" x 15"	
		APPARENT		APPARENT		APPARENT		APPARENT		APPARENT	
		NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA
106	Non-Woven plus 1.5", 1.5 pcf fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
106	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.95	*	*	*	*	*	*	*	*
106	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	1.00	0.96	*	*	*	*	*	*	*	*
106	Non-Woven	0.60	0.59	*	*	*	*	*	*	*	*
115	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.10	1.09	1.10	1.11	1.15	1.16	1.15	1.16	1.20	1.21
115	1.5", 1.5 pcf black poly encapsulated fiberglass	1.05	1.05	1.05	1.04	1.10	1.11	1.10	1.09	1.15	1.16
115	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
115	Non-Woven	0.70	0.69	0.60	0.61	0.75	0.73	0.75	0.74	0.75	0.75
119	Non-Woven plus 1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.98	1.05	1.07	1.15	1.12	1.10	1.10	1.15	1.15
119	1.5", 1.5 pcf black poly encapsulated fiberglass	1.00	0.94	1.05	1.03	1.10	1.08	1.05	1.04	1.10	1.11
119	Non-Woven plus 1.5", 3.0 pcf black poly encapsulated fiberglass	0.90	0.94	*	*	*	*	*	*	*	*
119	Non-Woven	0.60	0.58	0.60	0.60	0.75	0.73	0.75	0.76	0.75	0.73

Tests conducted in accordance with ASTM C423 and E795, with mounting type "J". Test reports available upon request.

* Not tested

Appendix D to ASTM C423 Sound Absorption Test

Non-standard calculation of equivalent NRC Rating and Absorption Coefficients from spaced absorbers

At this time, ASTM C423 does not provide a standard method for determining absorption coefficients of spaced object absorbers. Tests of a set of sound absorbing objects spaced apart from each other will yield higher absorption rates than a specimen joined together as a single patch (A-Mount or E-Mount). For this reason it is unfair to provide NRC or absorption coefficient ratings for specimens that consist of a spaced set of absorbers. Despite this, the architectural industry has expressed great demand for a simple "single number" rating for these treatments. Likewise, acoustical consultants desire equivalent absorption coefficient data for use in acoustical modeling software. The following is an attempt to appease these demands until ASTM develops a standard method for calculation. Several alternate non-standard calculation methods are provided. Riverbank Acoustical Laboratories prefers method 1. Rating titles for these methods are prepended with the word "Apparent". These rating names and their associated acronyms are provided by RAL and shall not be misconstrued as originating from any current standard.



Photo: © Studio 66 LLC, National Interstate Insurance Company Headquarters, Richfield, OH

Tavola™ Canted Beams and Baffles

The Tavola™ Canted Beams and Baffles metal ceiling system features individually sloping beam members that establish a sense of motion across new or existing interior ceilings.

Features & Benefits

- Three beam types, three beam depths: 2" – 6", 2" – 4", 4" – 6"
- Standard heavy-duty 15/16" T-grid suspension
- Create movement with individual sloping beam dimensions
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 85%
✓	MR: Building Product Disclosure
✓	EQ: Low-Emitting Materials
✓	EQ: Indoor Air Quality Assessment
✓	EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



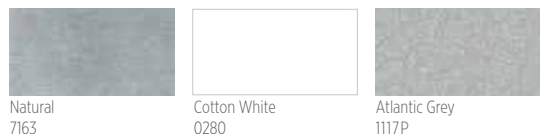
HPD
AVAILABLE

Tavola™ Canted Beams and Baffles

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

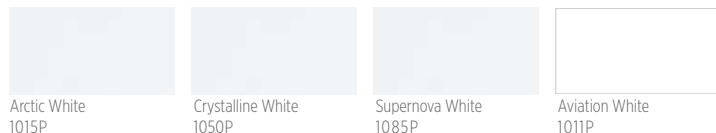


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



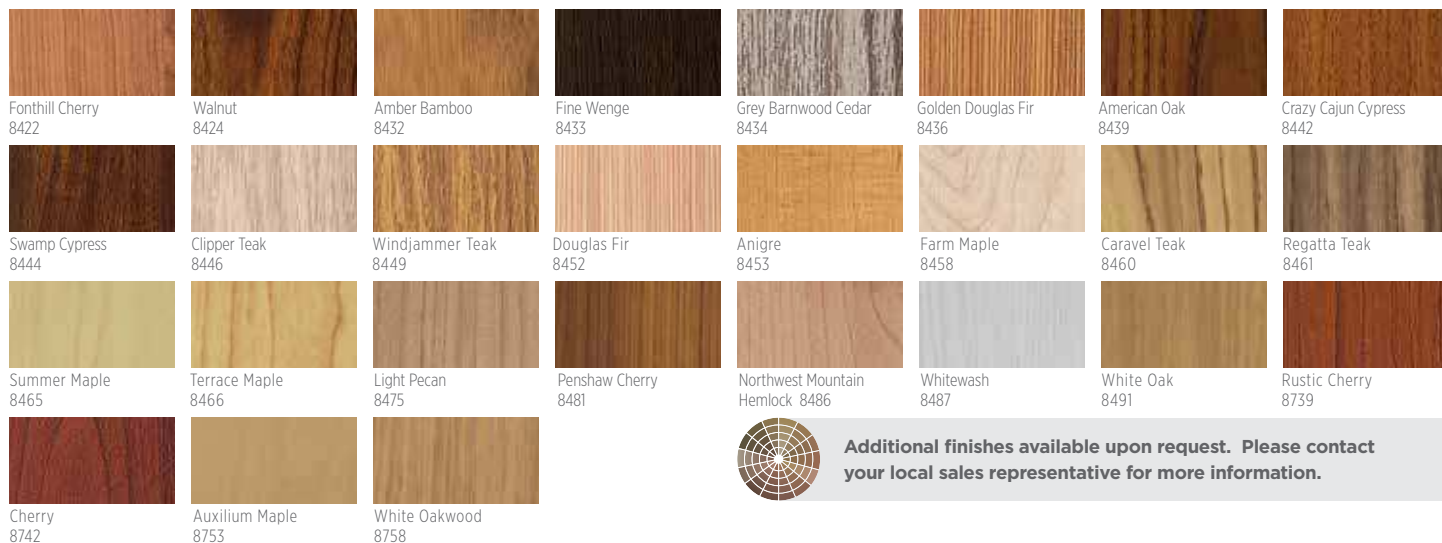
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



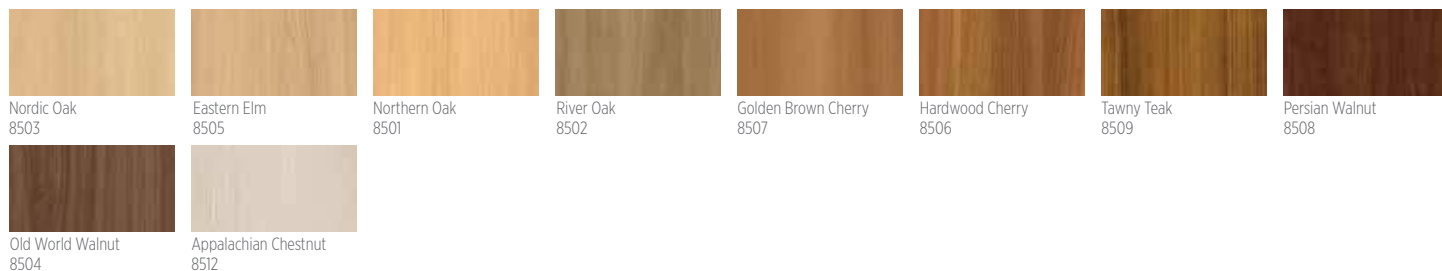
Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Laminated (Film) Wood Finishes

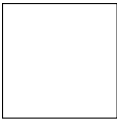
Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



Tavola™ Canted Beams and Baffles

Perforation Patterns

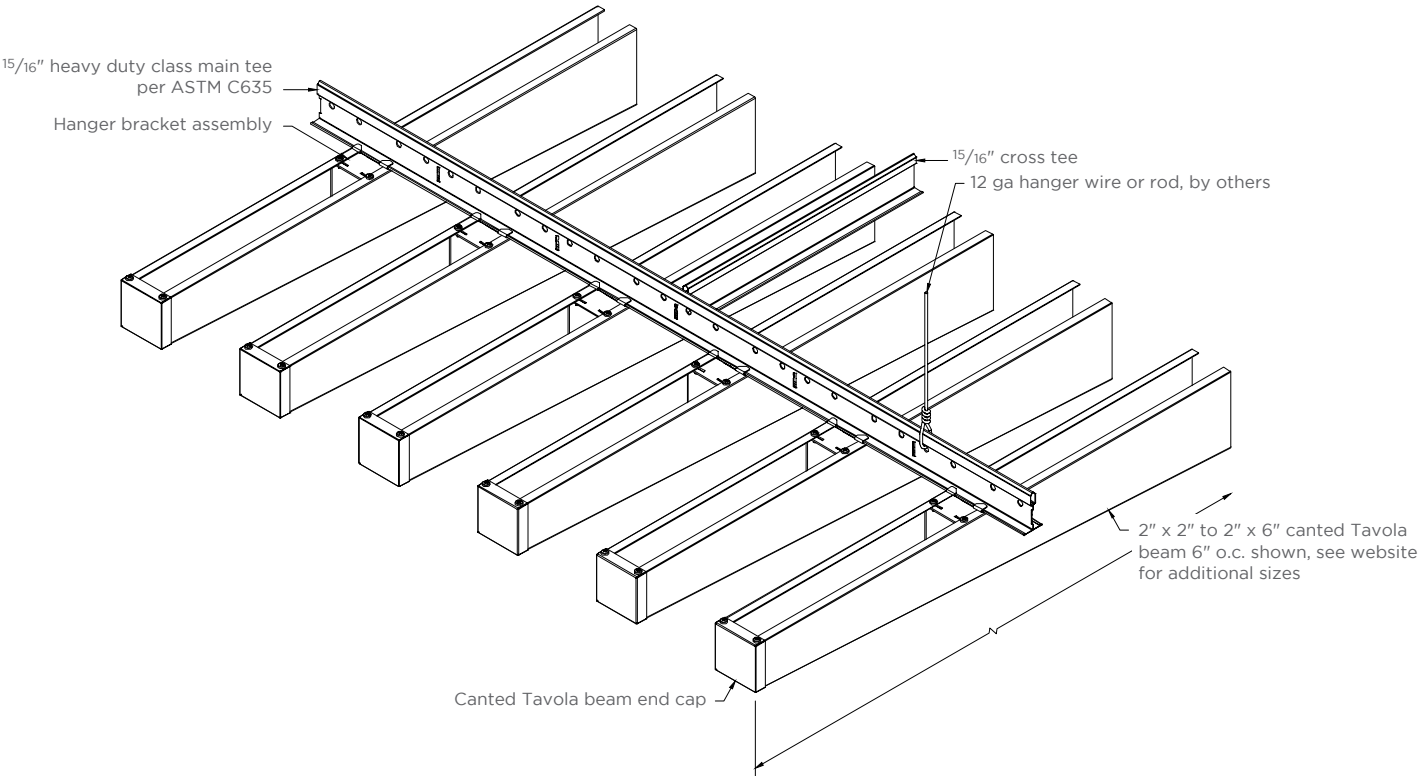
Tavola™ Canted available only non-perforated.



Non-perforated

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Studio 66 LLC / National Interstate Insurance Company Headquarters / Richfield, OH

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 2.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information
can be found at

certainteed.com/warranty



Render © CertainTeed, Tavola Round Beams & Baffles

Tavola™ Round Beams and Baffles

The Tavola™ Round Beams and Baffles metal ceiling system features a rounded profile with dynamic configuration and color options. Ideal for open plenum installation in commercial spaces, perforations can be added for enhanced acoustical control.

Features & Benefits

- Multitude of profile dimensions up to 12' long
- Beam sizes:
 - Diameter: 1-9/16" (R: 25/32")
 - Height: 2-1/2", 3" up to 12" in 1" increments
- Perforation patterns provide elevated acoustics
- Hidden scissor clips mount to standard heavy-duty 15/16" CertainTeed EZ Stab Classic T-grid suspension
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



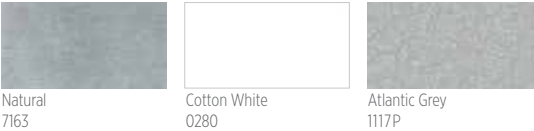
HPD
AVAILABLE

Tavola™ Round Beams and Baffles

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

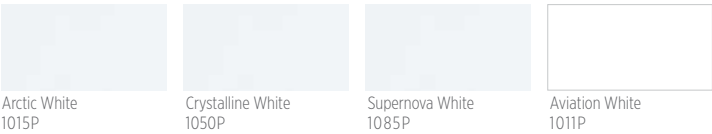


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



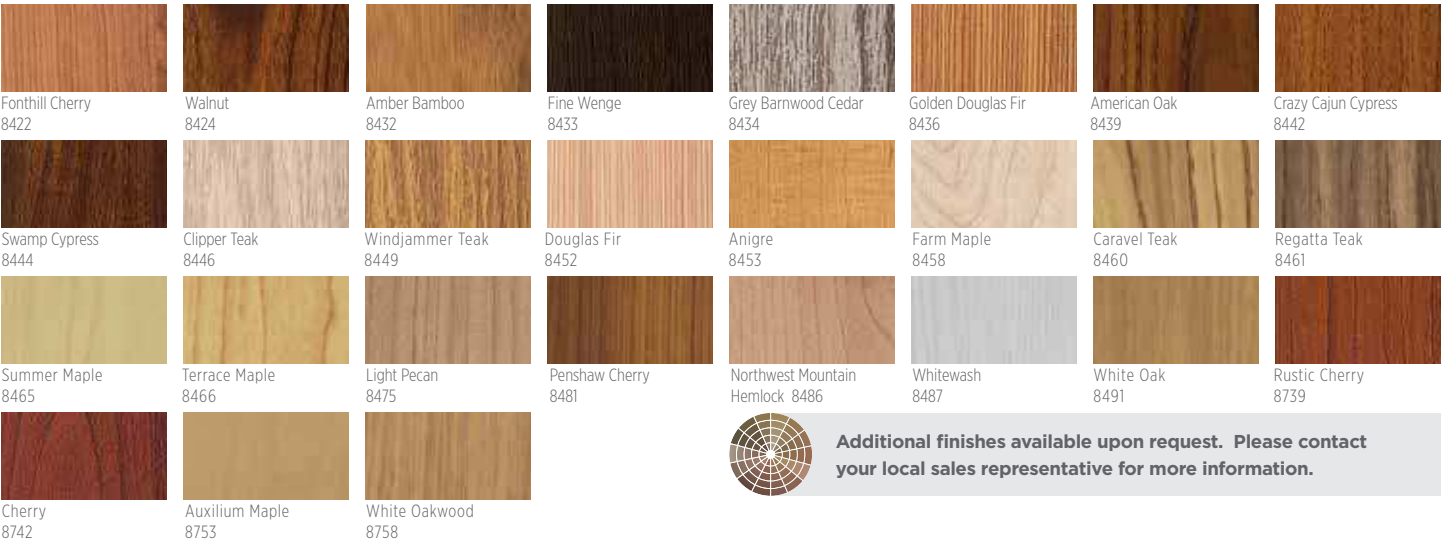
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

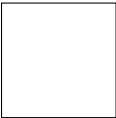


Additional finishes available upon request. Please contact your local sales representative for more information.

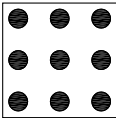
Tavola™ Round Beams and Baffles

Perforation Patterns

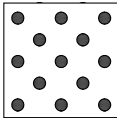
Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



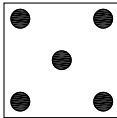
Non-perforated



Pattern #106
Perf. dia: .098 in.
Open area: 16%



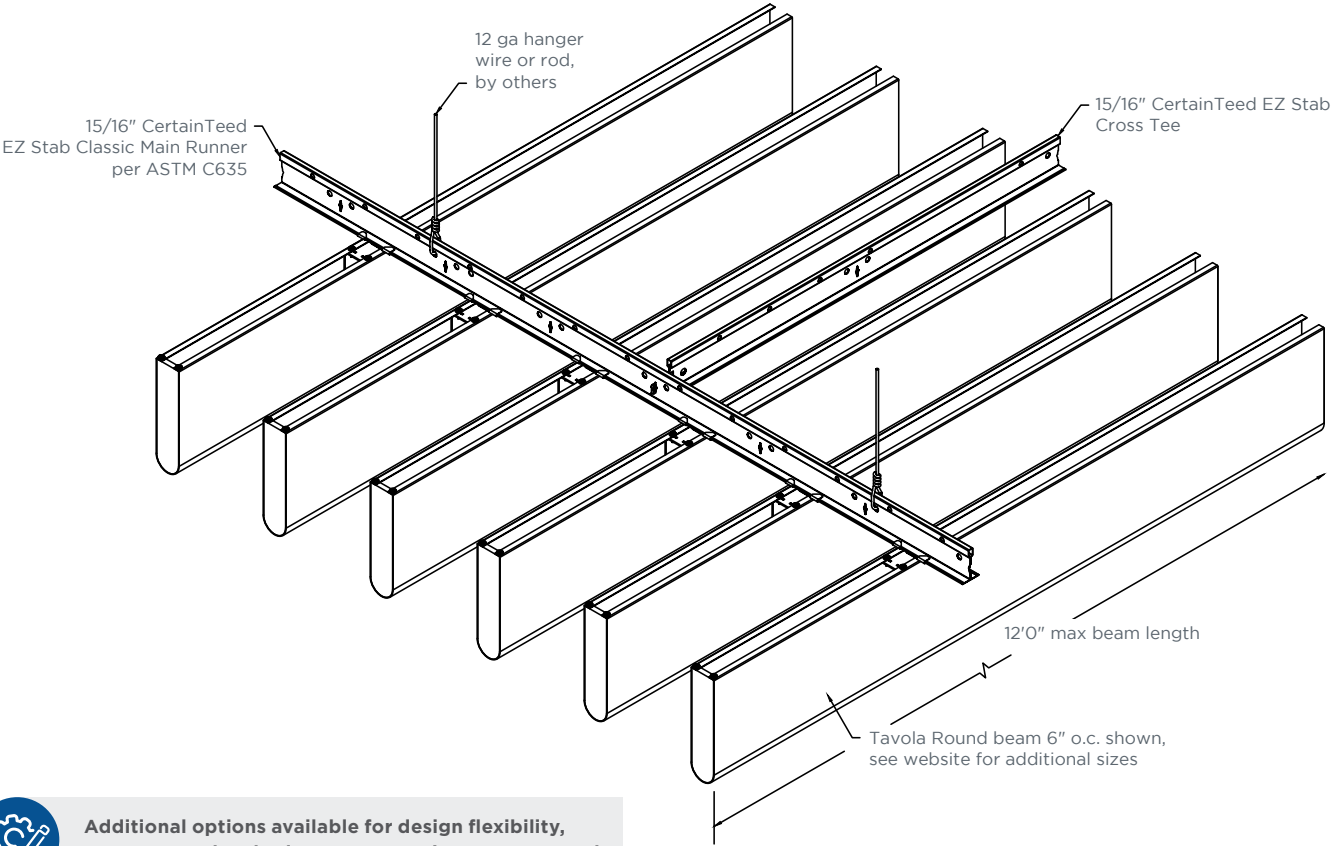
Pattern #115
Perf. dia: .063 in.
Open area: 12%



Pattern #119
Perf. dia: .098 in.
Open area: 8%

Installation Examples

Typical Isometrics



Additional options available for design flexibility,
contact your local sales representative to get started.



Render © CertainTeed / Tavola Round Beams & Baffles

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 2.1 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

- Varies with finish
- Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty



Tavola™ Expressions™ Beams and Baffles

The Tavola™ Expressions™ Beams and Baffles metal ceiling system allows you to enhance profiles across our Tavola series with standard or customizable perforation patterns.

Create linear designs using Tavola Prime, add softness using Tavola Round, add depth with Tavola Tall, or go with a more daring look with Tavola Levels or Divergent.

Features & Benefits

- Multitude of profile dimensions up to 12' long
 - Tavola Prime
 - Tavola Round
 - Tavola Tall
 - Tavola Levels
 - Tavola Divergent
- Four patent-pending perforation patterns plus custom design capability
- Perforation patterns provide elevated acoustics
- Hidden scissor clips mount to standard heavy-duty 15/16" CertainTeed EZ Stab Classic T-grid suspension
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services
- Polycarbonate lens available for back lighting applications
- Interior application only

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Tavola™ Expressions™ Beams and Baffles

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



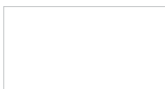
Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonhill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain
Hemlock 8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



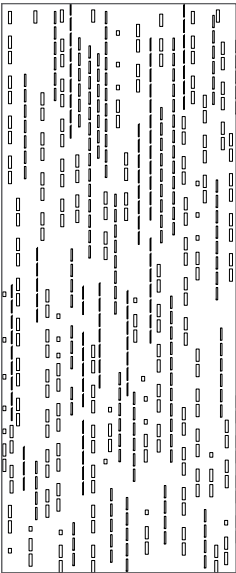
White Oakwood
8758



Additional finishes available upon request. Please contact your local sales representative for more information.

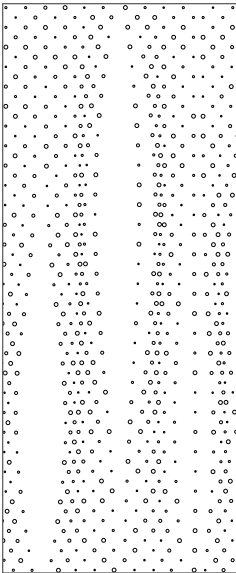
Perforation Patterns

Rain



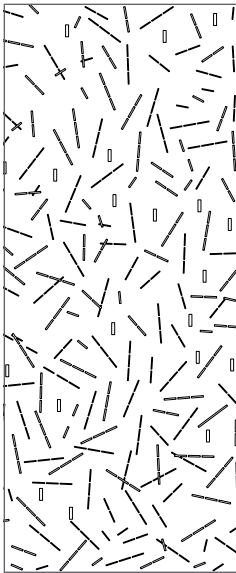
Panel Pattern A
Open Area - 8.1%
(2' x 2' & 2' x 4')

Waves



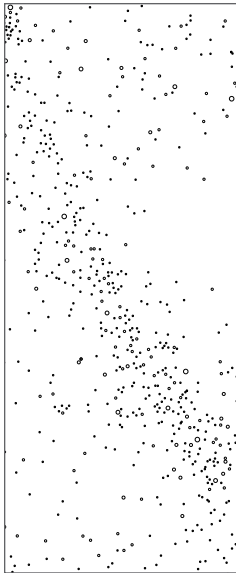
Panel Pattern A
Open Area - 3.5%
(2' x 2' & 2' x 4')

Confetti



Panel Pattern A
Open Area - 4.2%
(2' x 2' & 2' x 4')

Midnight Star



Panel Pattern A
Open Area - 1.1%
(2' x 2' & 2' x 4')

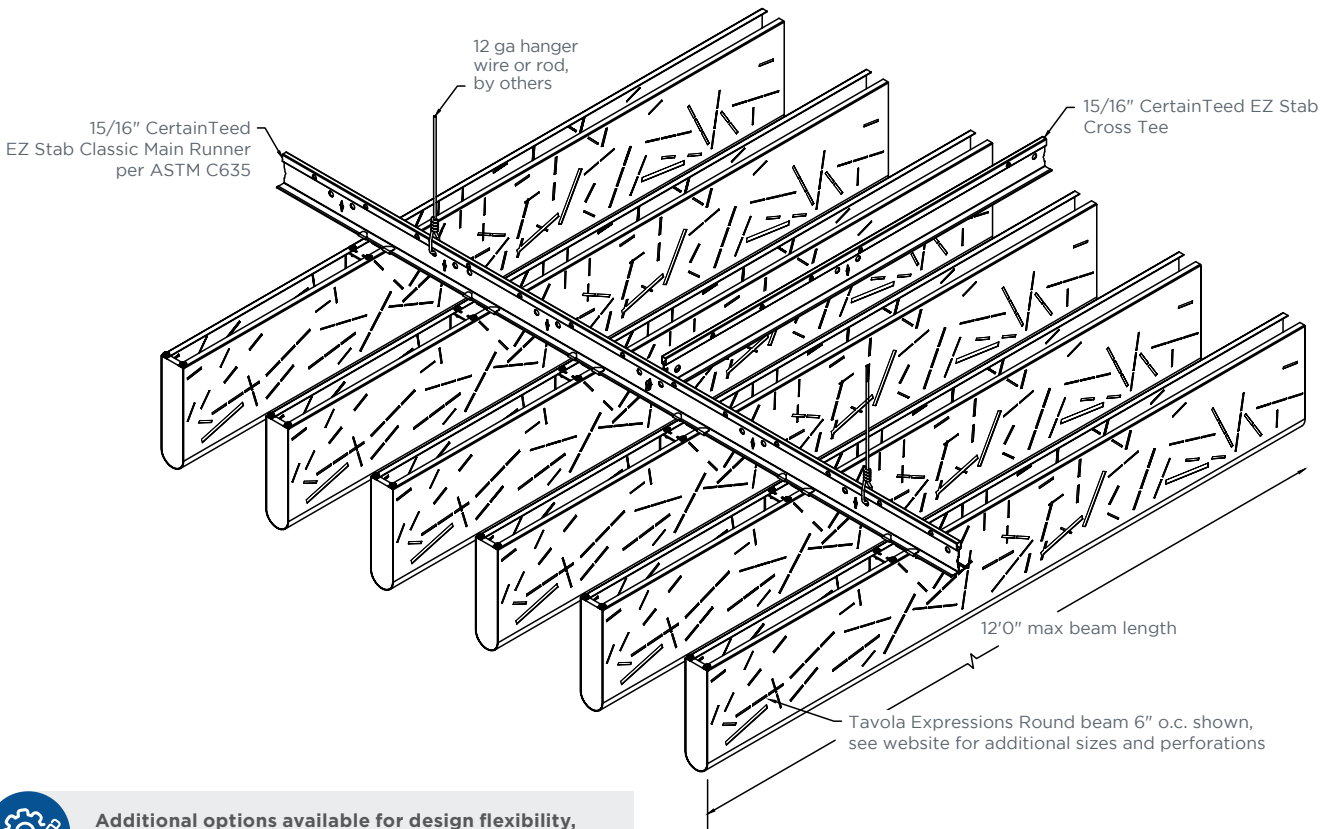
Custom Design



Perforation pattern may vary depending on height of profile. Additional variation of patterns are available to prevent repetition throughout beam installation. Please see website for more options.

Installation Examples

Typical Isometrics



Additional options available for design flexibility,
contact your local sales representative to get started.



Render © CertainTeed / Tavola Expressions Beams & Baffles

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad. Test results upon request.

Polycarbonate Lens

Available for backlit applications with various diffusion and transmissions.

Physical Data

MATERIAL Aluminum	SEISMIC RATING ZONES A,B,C,D,E,F	LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477 - Varies with finish - Cotton White: LR = 0.81
WEIGHT Varies 0.5 – 2.1 lbs./sq.ft.	WIND LOAD N/A	WARRANTY 1-year Limited Warranty. Full warranty information can be found at certainteed.com/warranty
FIRE RATING Class A Fire Rated per ASTM E84 - Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50 CAN/ULC-S102 - Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50	RECYCLED CONTENT Up to 85%	



Photo: © Studio 66 LLC, Morris Furniture, Fairborn, OH

Tavola™ Frames Beams and Baffles

The Tavola™ Frames Beams and Baffles metal ceiling system offers the clean look of structural beams in a variety of profiles, sizes, configurations, and finishes.

Features & Benefits

- Two-directional plenum mask
- Interlocking components assure tight, rigid assembly
- Wide variety of beam profiles and module configurations
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 85%
✓	MR: Building Product Disclosure
✓	EQ: Low-Emitting Materials
✓	EQ: Indoor Air Quality Assessment

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



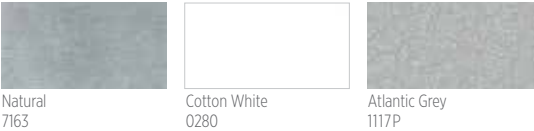
HPD
AVAILABLE

Tavola™ Frames Beams and Baffles

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

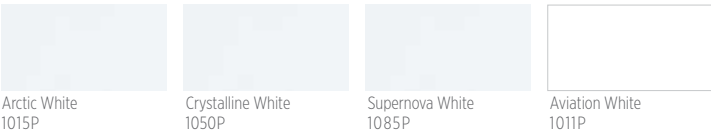


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



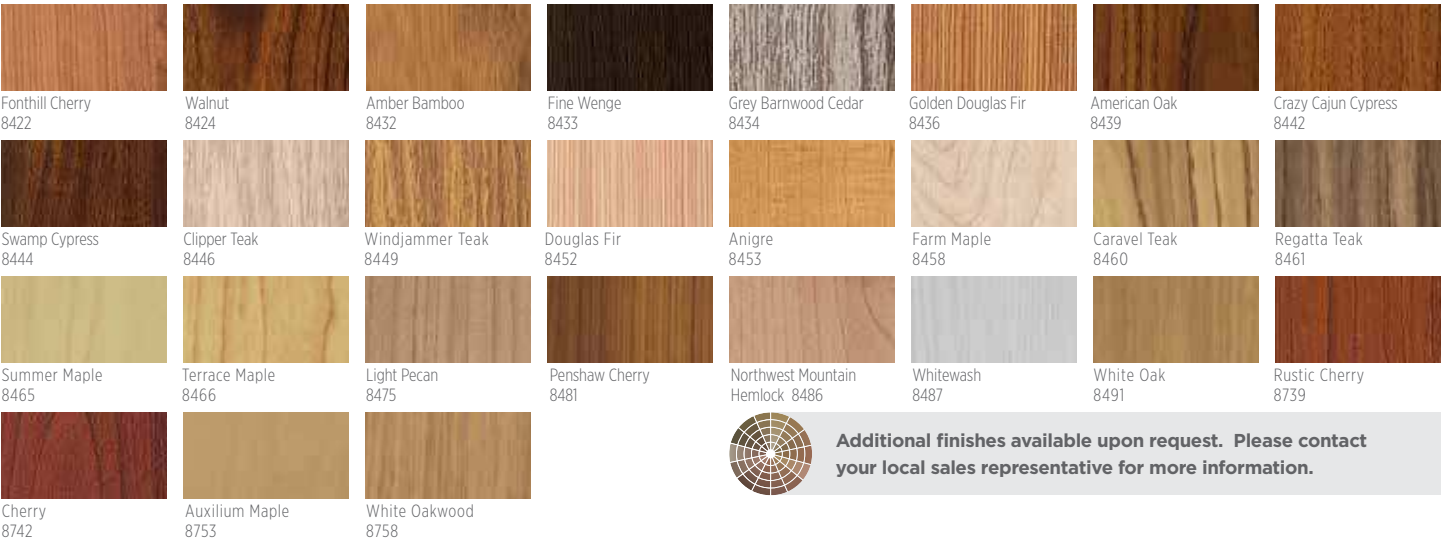
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

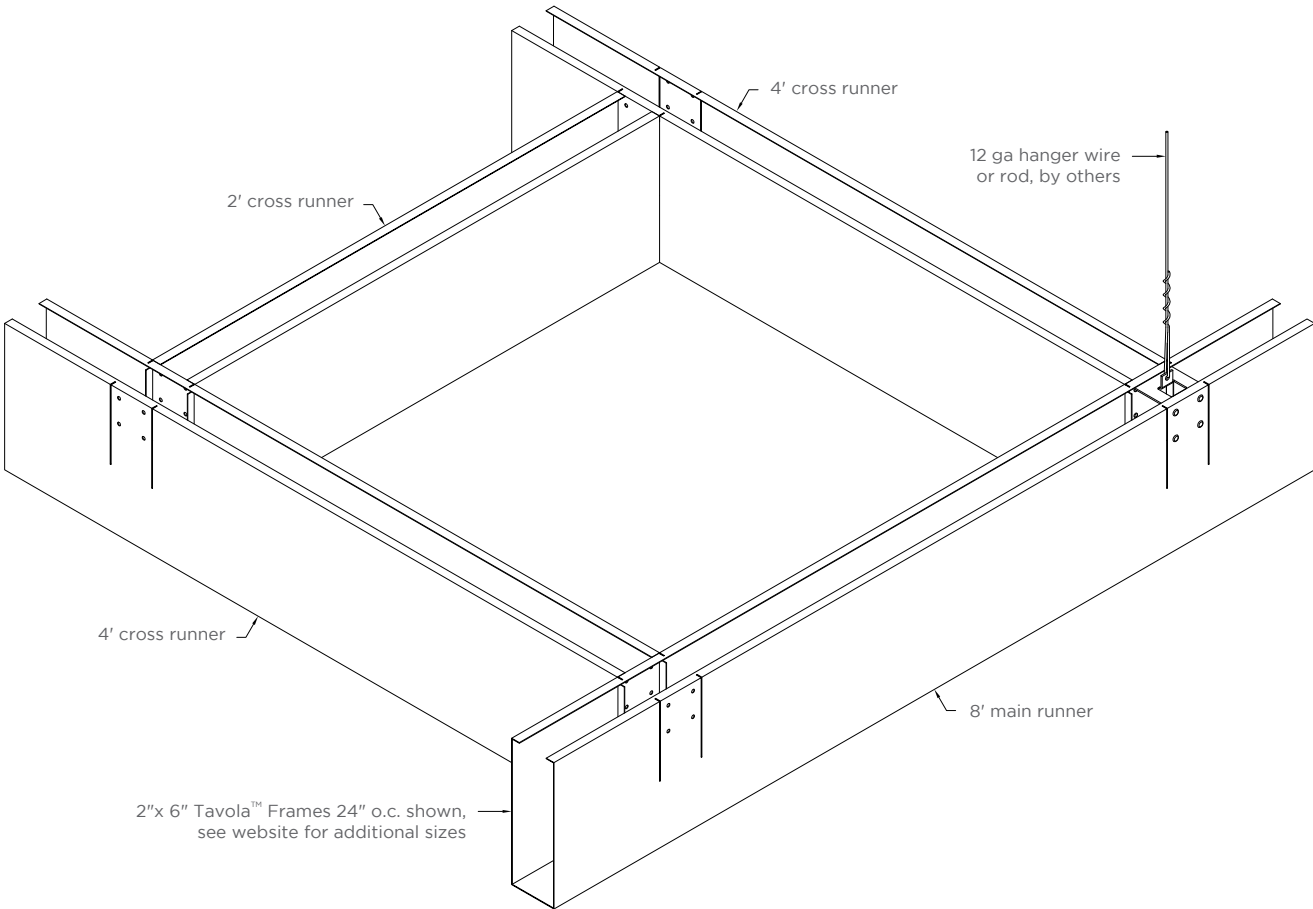


Additional finishes available upon request. Please contact your local sales representative for more information.

Tavola™ Frames Beams and Baffles

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Studio 66 LLC / Morris Furniture / Fairborn, OH

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 2.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Photo: © Mitchell Stier, University of Minnesota, Health Sciences Education Center, Minneapolis, MN

V-Baffle Fins

The thin blades of V-Baffle Fins offer one-way plenum masking in 4", 6", or 8" depths at 4", 6", or 8" wide spacing.

Features & Benefits

- Baffle spacing: 4", 6" or 8" nominal (standard carrier)
- Supports a variety of patterns including basket weave, herringbone, and radial
- Carriers allow design configurations to be horizontal or sloping
- Sliding carriers can be used for repeated plenum access areas
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

V-Baffle Fins

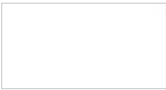
Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280

Custom Colors

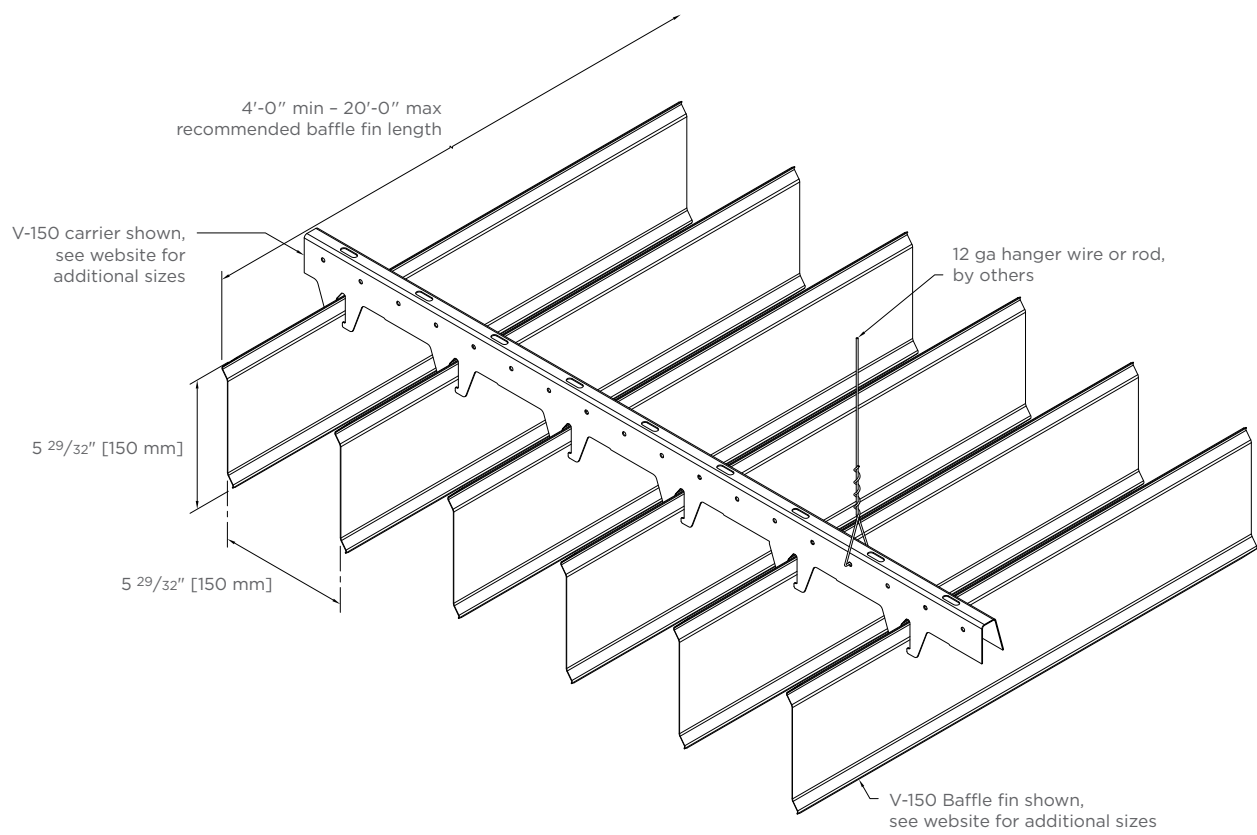


Premium Custom Colors

V-Baffle Fins

Installation Examples

Typical Isometrics



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Bill Timmerman / Mariposa Land Port of Entry / Phoenix, AZ

Physical Data

MATERIAL
Aluminum

WEIGHT
Varies 0.5 – 1.0 lbs./sq.ft.

FIRE RATING
Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING
ZONES A,B,C,D,E,F

WIND LOAD
N/A

RECYCLED CONTENT
Up to 92%

**LIGHT REFLECTANCE (LR) COEFFICIENT
PER ASTM E1264 & ASTM E1477**
– Cotton White: LR = 0.81

WARRANTY
1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty



2025

CLOUDS & CELL PORTFOLIO



Photo: CertainTeed's Malvern Innovation Center lobby, Malvern, PA

Petals

Create calming, comfortable interiors with Petals, a biophilic design solution unlike any other. Luxurious lightweight metal panels shaped in organic curves that evoke the contours of biophilia. Angle them to create sculptural points of interest. Organize them into repeating patterns. Or configure them to add definition to specific areas within a space.

Features & Benefits

- Biophilic Design
- Easy access to plenum
- Attaches directly to CertainTeed 15/16" EZ Stab Classic (Heavy Duty) System.
- Available in white and black, additional color options offered through our post-paint process
- Vast array of shapes and finishes
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services
- Interior application only

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD AVAILABLE

Petals

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



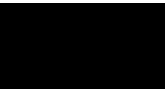
Natural
7163



Cotton White
0280



Atlantic Grey
1117



Black
1883

Custom Colors



Premium Custom Colors

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



Arctic White
1015P



Crystalline White
1050P



Supernova White
1085P



Aviation White
1011P

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Starless Black
5000P



Raven Black
5030P



Sable Black
5060P



Wet Glass Black
5095P

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish. Formaldehyde-free, Class A composite panel.



Fonthill Cherry
8422



Walnut
8424



Amber Bamboo
8432



Fine Wenge
8433



Grey Barnwood Cedar
8434



Golden Douglas Fir
8436



American Oak
8439



Crazy Cajun Cypress
8442



Swamp Cypress
8444



Clipper Teak
8446



Windjammer Teak
8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer Maple
8465



Terrace Maple
8466



Light Pecan
8475



Penshaw Cherry
8481



Northwest Mountain Hemlock
8486



Whitewash
8487



White Oak
8491



Rustic Cherry
8739



Cherry
8742



Auxilium Maple
8753



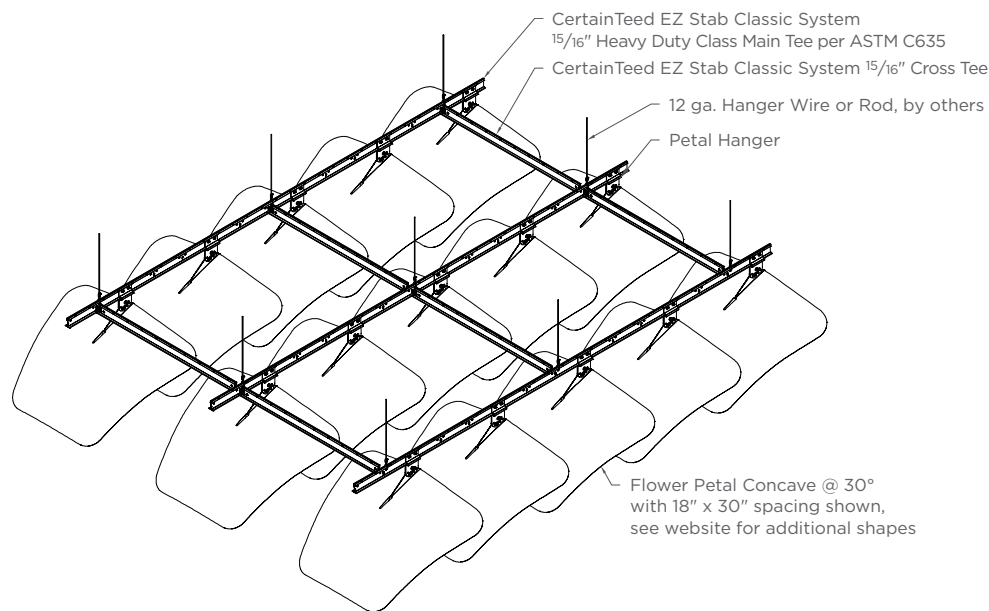
White Oakwood
8758



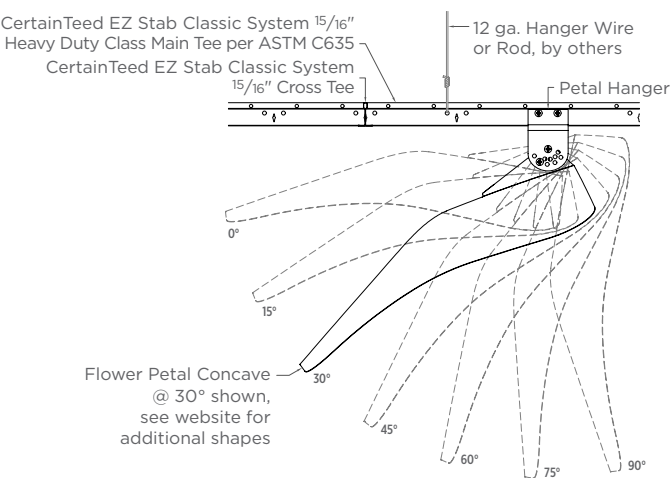
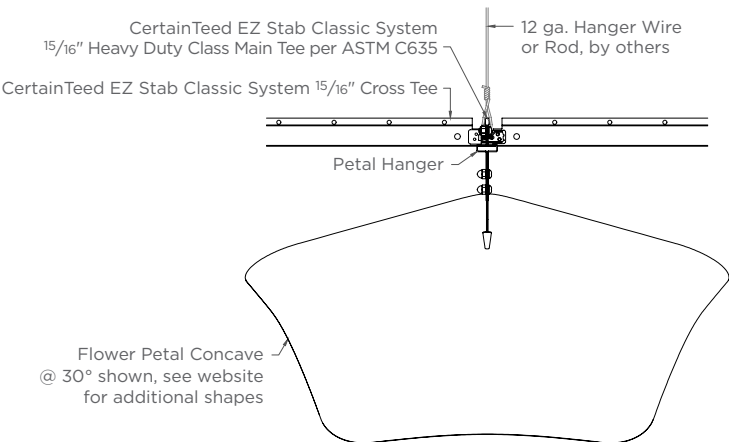
Additional finishes available upon request. Please contact your local sales representative for more information.

Installation Examples

Typical Isometric



Typical Sections



Petal Shapes

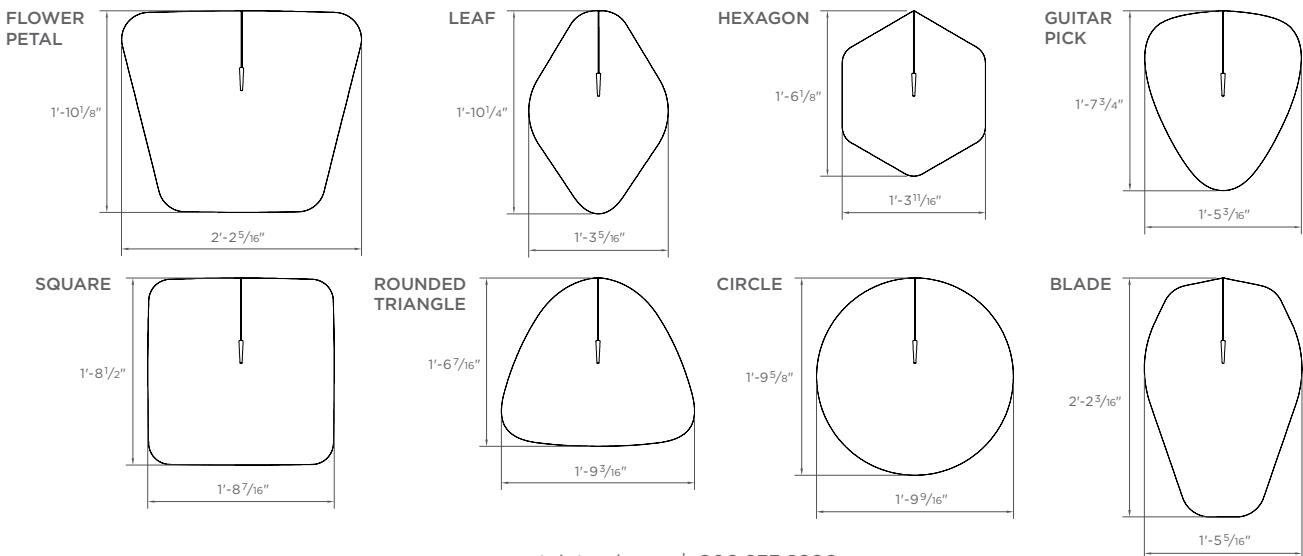




Photo: CertainTeed's Malvern Innovation Center lobby, Malvern, PA

Physical Data

MATERIAL
Aluminum

WEIGHT
Varies

FIRE RATING
Class A Fire Rated per ASTM E84
- Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
- Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING
Zones A,B,C,D,E,F

WIND LOAD
N/A

RECYCLED CONTENT
Up to 85%

**LIGHT REFLECTANCE (LR) COEFFICIENT
PER ASTM E1264 & ASTM E1477**
- Varies with finish
- Cotton White: LR = 0.81

WARRANTY
1-year Limited Warranty.
Full warranty information can be found
at certainteed.com/warranty

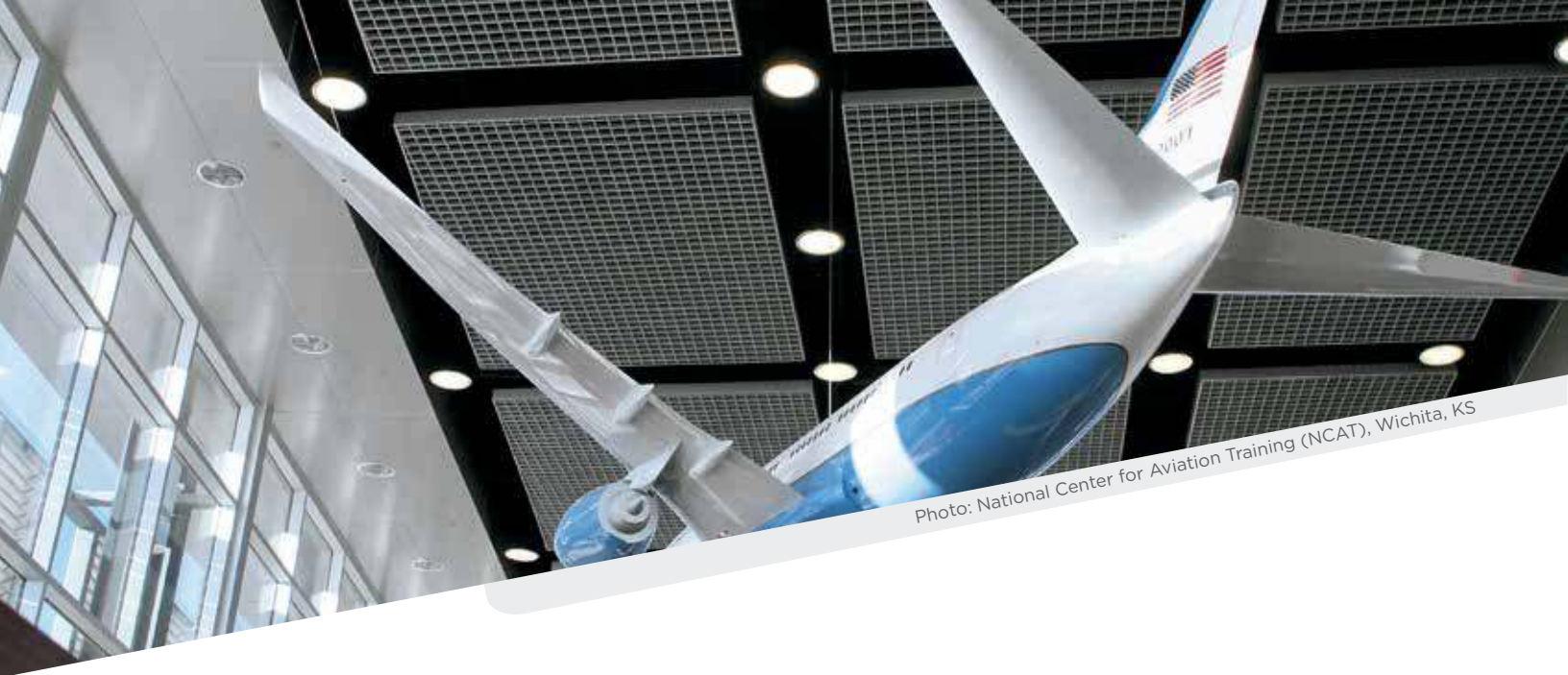


Photo: National Center for Aviation Training (NCAT), Wichita, KS

Open Cell

Open Cell metal ceiling systems create a clean plenum mask and offer easy access to lighting, HVAC, sprinklers, speakers, and security systems in a versatile range of patterns, configurations and finishes.

Features & Benefits

- Two-directional plenum mask
- Patented sliding clip on factory-assembled panels allow install in matching runners
- Monolithic appearance without T-grid
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access – downward accessible panels
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Open Cell

Colors & Finishes

A wide choice of colors and finishes are available and some carry a premium price over manufacturer's standard colors. Custom color matching is available upon request. Minimum quantities and lead times may apply. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



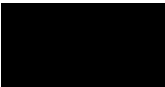
Natural
7163



Cotton White
0280



Atlantic Grey
1117P



Black
1883

Custom Colors

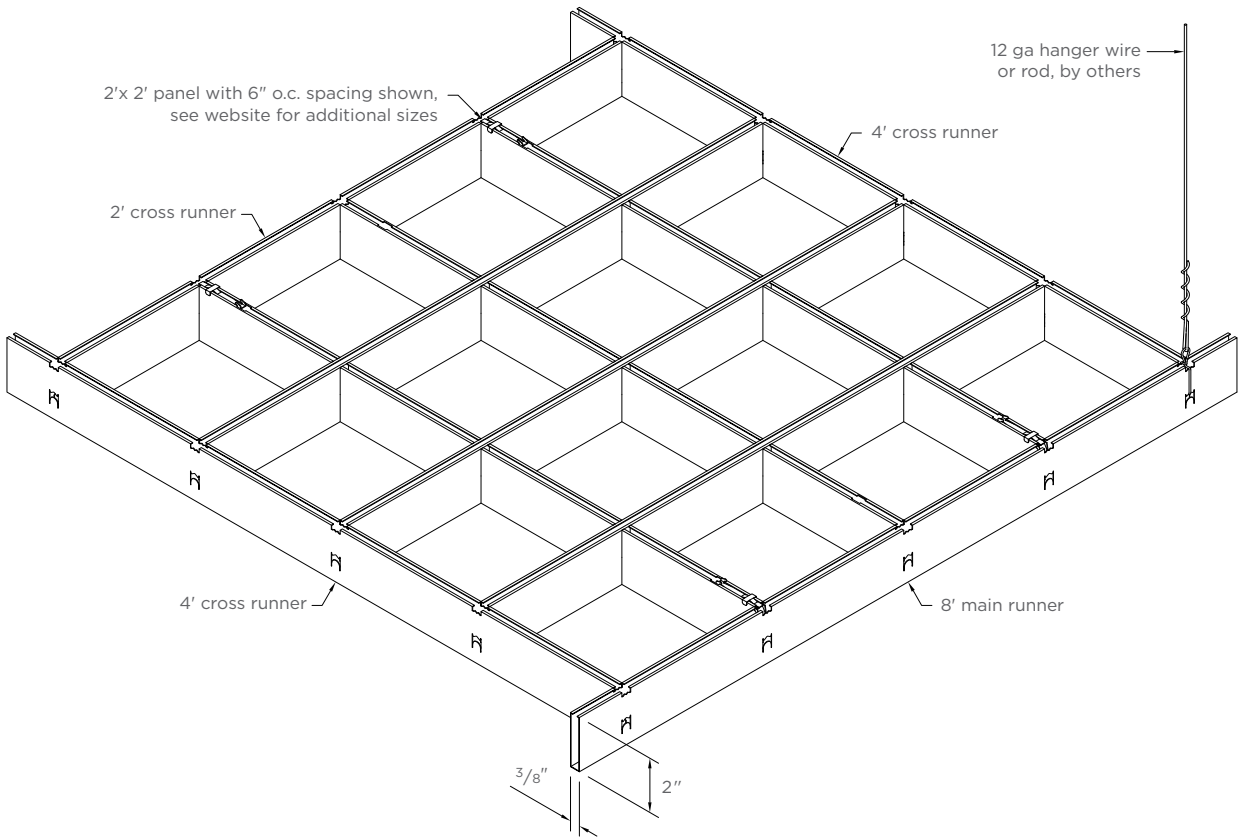


Premium Custom Colors

Open Cell

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.

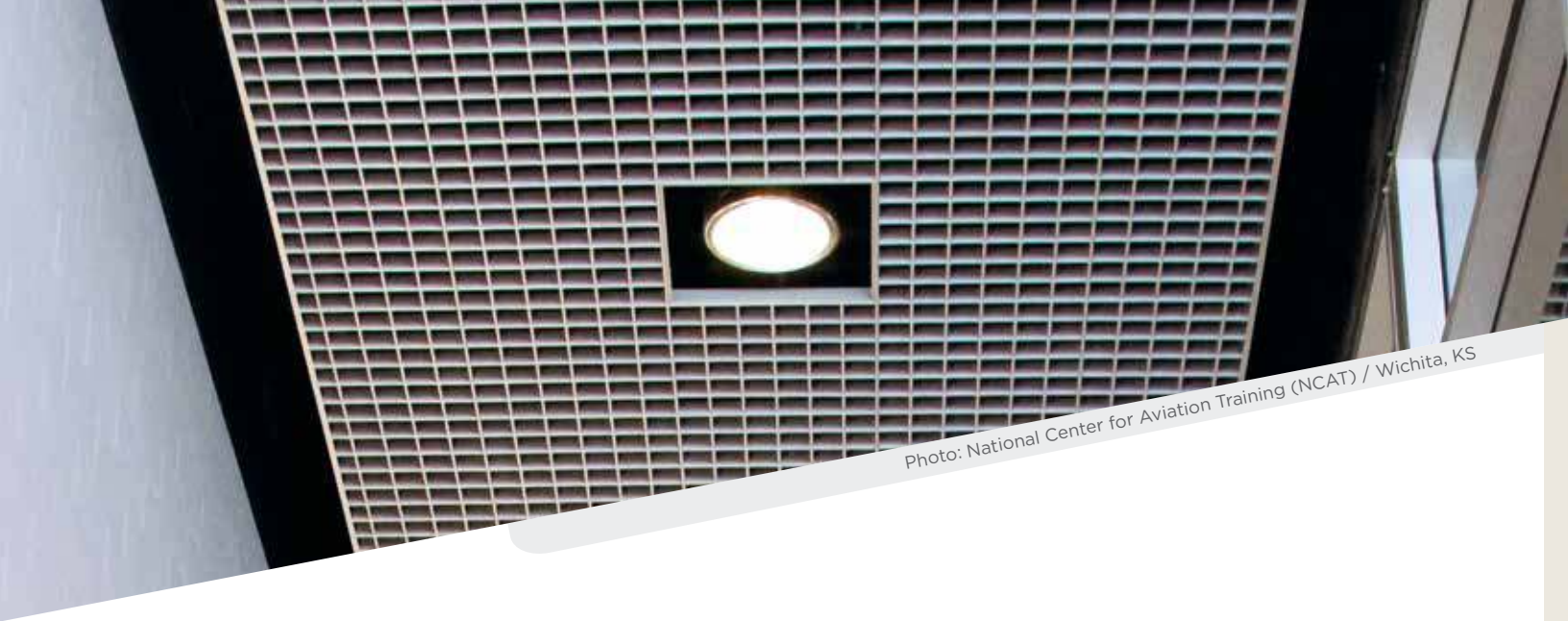


Photo: National Center for Aviation Training (NCAT) / Wichita, KS

Physical Data

MATERIAL
Aluminum

WEIGHT
Varies 0.5 – 1.25 lbs./sq.ft.

FIRE RATING
Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

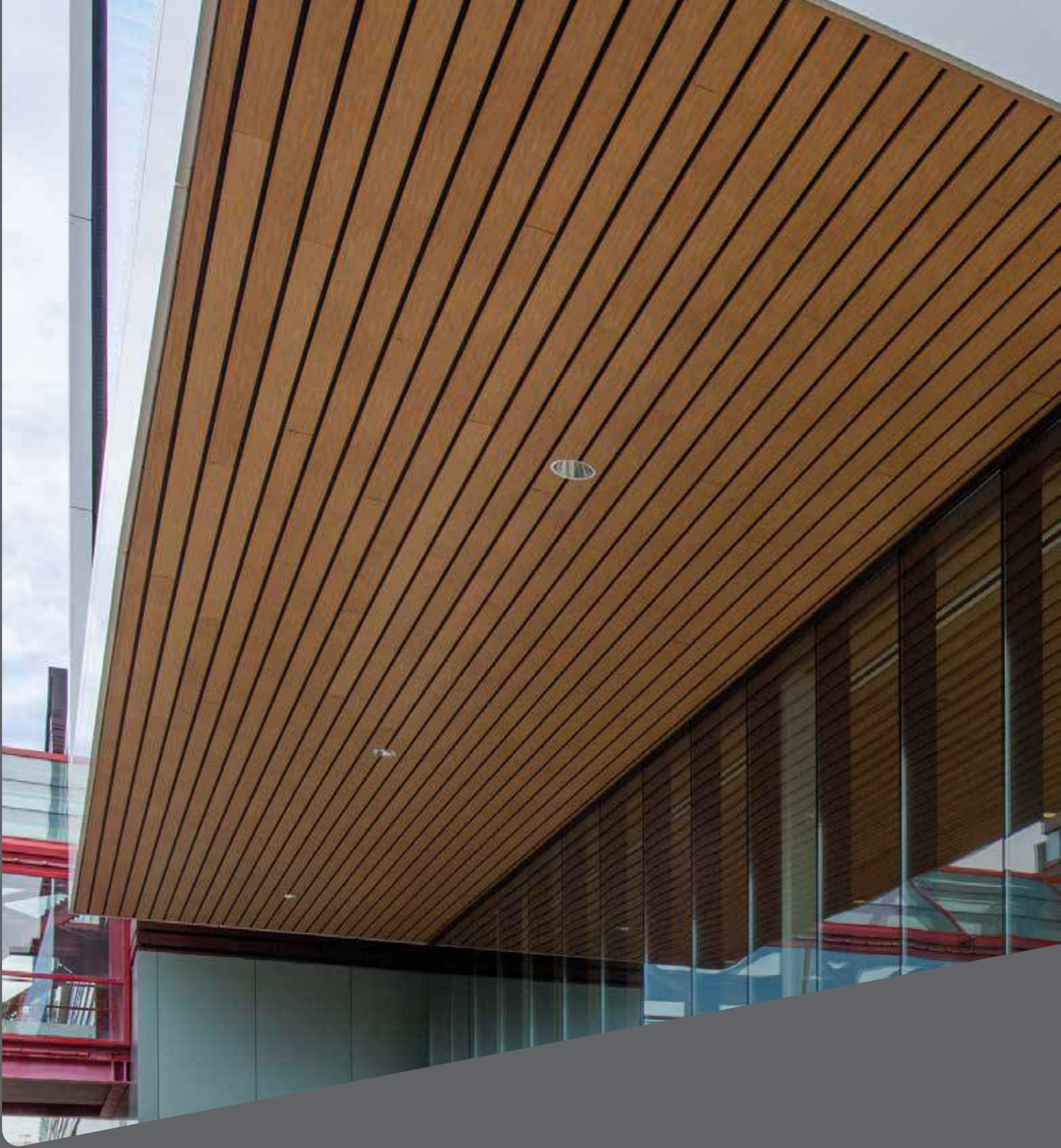
SEISMIC RATING
ZONES A,B,C,D,E,F

WIND LOAD
N/A

RECYCLED CONTENT
Up to 92%

**LIGHT REFLECTANCE (LR) COEFFICIENT
PER ASTM E1264 & ASTM E1477**
– Cotton White: LR = 0.81

WARRANTY
1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty



A photograph of a modern building's exterior. The upper part shows a glass facade reflecting the sky. Below it is a wide, horizontal band of light-colored wood slats, which serves as an exterior soffit. Underneath the slats is a glass-enclosed area, possibly a staircase or entrance, with a dark metal frame. The overall design is clean and architectural.

2025

EXTERIOR SOFFITS PORTFOLIO



Photo: © Bob Perzel, Bill and Hillary Clinton National Airport, Little Rock, AR

150F – Linear Metal Soffit System

Designed to withstand exterior environments and wind loading, the 150F Exterior metal ceiling system is ideal for soffits.

Features & Benefits

- Panel Sizes:
 - Panel width: 6" nom. [150 mm]
 - Panel lengths: 5' to 16'
 - Panel depth: 11/16"
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services
- Luxacote® high-performance finish resists exterior environmental conditions including UV
- Perforated panels are available only for exterior ventilation and may not exceed 10% of the total ceiling area
- Factory assembled access doors available
- Miami-Dade County, FL NOA No. 21-0427.06 (expires March 19, 2025)

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 92%
✓	EA: Optimize Energy Performance
✓	MR: Building Product Disclosure
✓	EQ: Low-Emitting Materials
✓	EQ: Indoor Air Quality Assessment
✓	EQ: Daylight

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD
GOLD CERTIFIED



UL CERTIFIED
ENVIRONMENTAL
PRODUCT DECLARATION



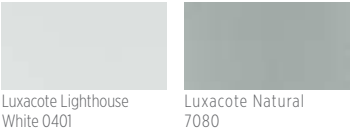
HPD
AVAILABLE

150F – Linear Metal Soffit System

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

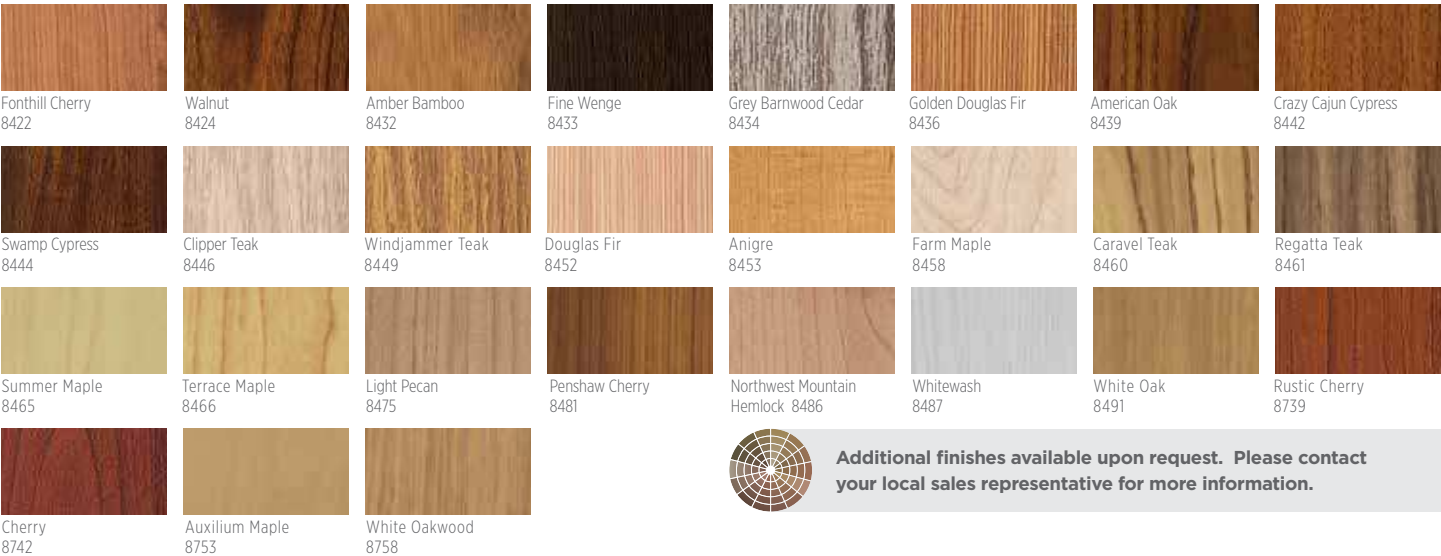


Custom Colors



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

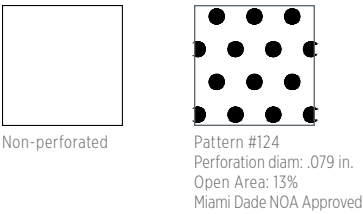


Additional finishes available upon request. Please contact your local sales representative for more information.

150F - Linear Metal Soffit System

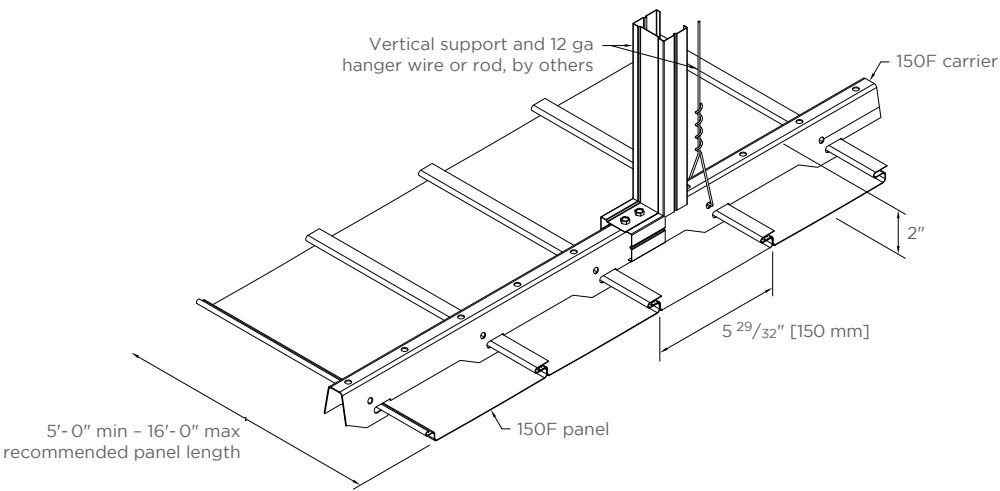
Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.

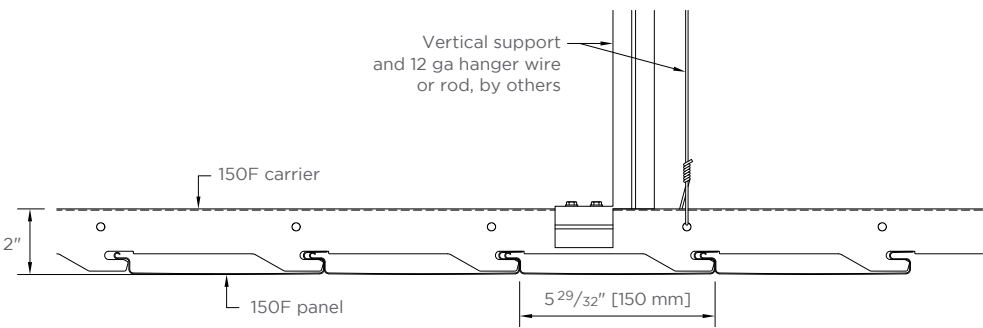


Installation Examples

Typical Isometrics



Typical Section



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Bob Perzel / Mercantile Commerce Bank / Houston, TX

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 0.75 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25 ,

Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25 ,

Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code. Designed and tested in accordance with the requirements of the Florida Building Code 7th edition (2020), including the High Velocity Hurricane Zone (HVHZ) provisions and Miami-Dade requirements. Miami-Dade County, Florida NOA No. 21-0427.06 (expires March 19, 2025)

RECYCLED CONTENT

Up to 92%

WARRANTY

1-year Limited Warranty.

Full warranty information can be found at

certainteed.com/warranty



Photo: © Tiffany Daniels, Truist Park, Atlanta, GA

300C Linear Plank – Exterior

Designed to withstand wind loads, 300C metal ceiling panels offer a subtle, long span design for exterior ceilings.

Features & Benefits

- Panel Sizes:
 - Panel widths: 12" nom (300mm)
 - Panel lengths: 3' to 19'-8"
- Bevel-edge design
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Interior and exterior applications
- Exterior panels are non-accessible. Factory-assembled access doors available.
- Miami-Dade County, FL NOA No. 21.0308.02 (expires May 5, 2026)

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

300C Linear Plank – Exterior

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

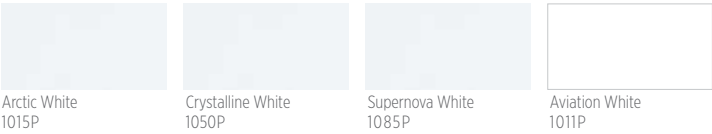


Custom Colors



White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20), Crystalline White #1050P (Gloss 45-55), Supernova White #1085P (Gloss 80-90), Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.



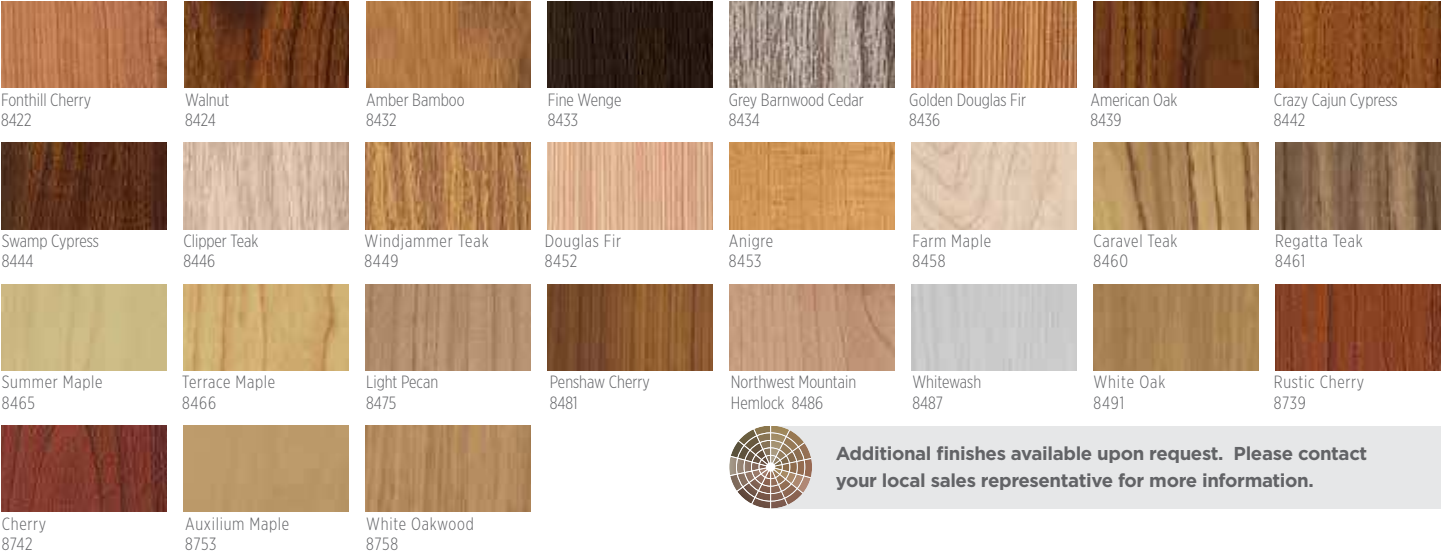
Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

Decorated (Powder-Coat) Masonry Options

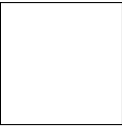
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



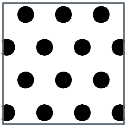
300C Linear Plank - Exterior

Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



Non-perforated



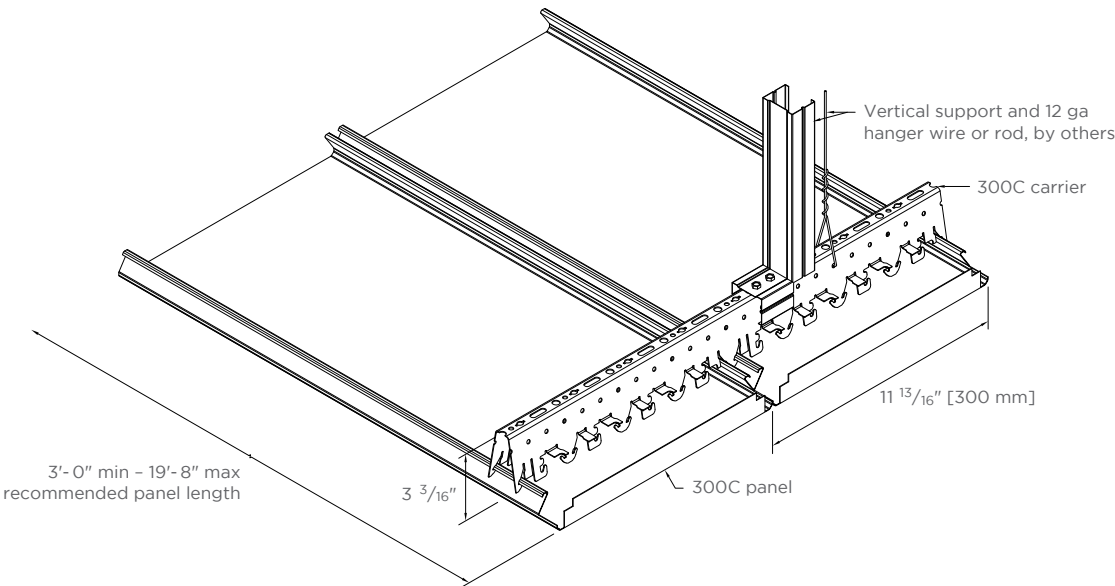
Pattern #124
Perforation diam: .079 in.
Open Area: 13%
Miami Dade NOA Approved



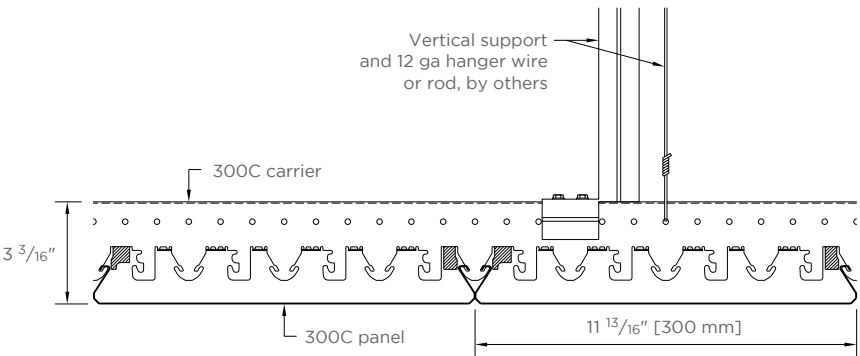
Pattern #160
Perforation diam: .060 in.
Open Area: 23%

Installation Examples

Typical Isometrics



Typical Section



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Bob Perzel / JAMF Software / Eau Claire, WI

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 0.75 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread: ≤ 25,

Smoke ≤ 50

CAN/ULC-S102

– Painted or anodized metal: Flame spread: ≤ 25,

Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code. Designed and tested in accordance with the requirements of the Florida Building Code 7th edition (2020) Miami-Dade County, Florida NOA No. 21.0308.02 (expires May 5, 2026).

RECYCLED CONTENT

Up to 92%

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#124	13%	Non-Woven Acoustic	0.75
#124	13%	1" – 1-1/2" pcf density Polywrapped Pad	0.85
#160	23%	Non-Woven Acoustic	0.70
#160	23%	Non-woven Acoustic and 1" – 1.0 pcf Polywrapped Fiberglass	0.95

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



Photo: © Studio 66 LLC, Jordan-Hare Stadium, Auburn, AL

Torsion Spring – Exterior

The Torsion Spring – Exterior metal ceiling system provides a solution for exterior soffits in applications such as vestibules, stadium concourses, and public transportation facilities.

Features & Benefits

- Panel configurations:
 - 24" x 24", 24" x 48", 30" x 30", 30" x 60"
(other sizes available, consult manufacturer)
- Wind load tested
- Access panel feature allows random access/point accessibility to plenum
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Torsion Spring – Exterior

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

Decorated (Powder-Coat) Wood-Look Options

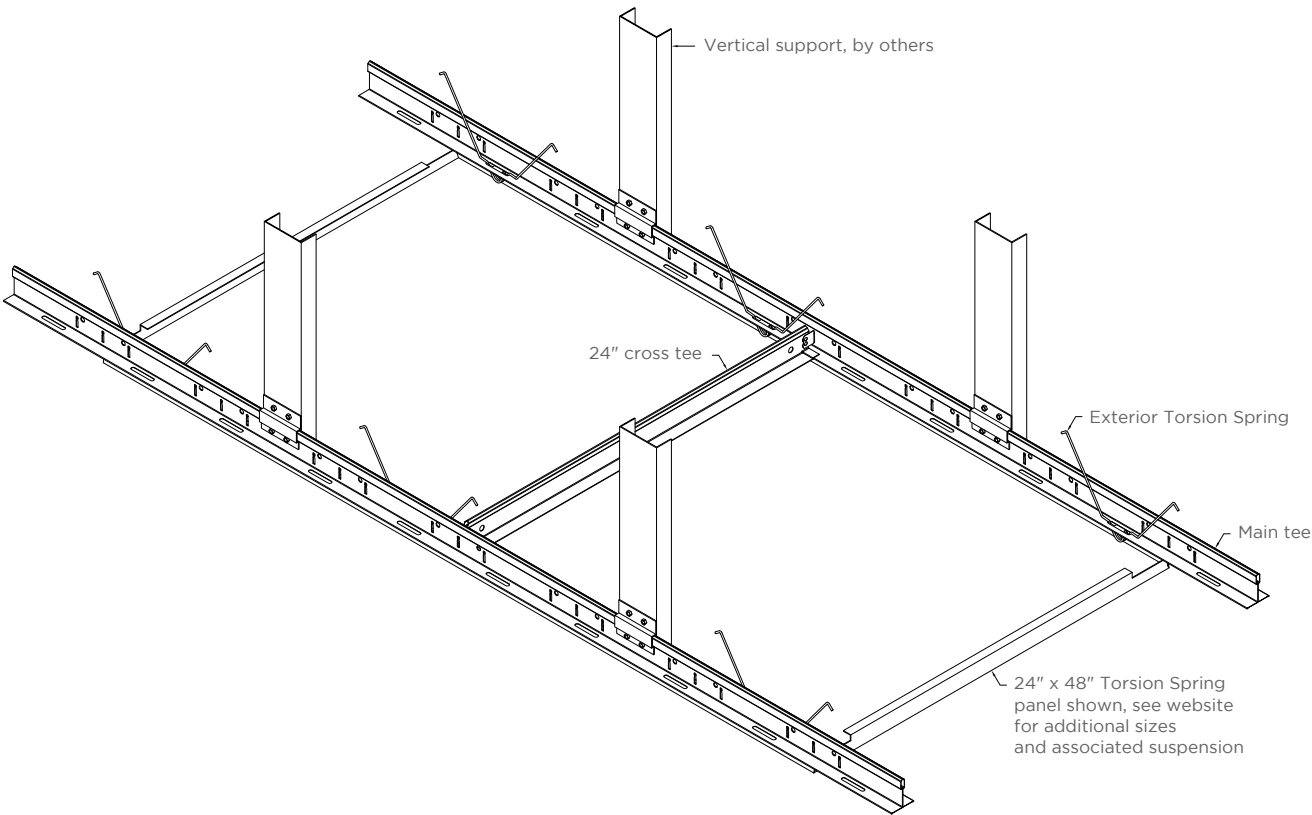
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

 Fonhill Cherry 8422	 Walnut 8424	 Amber Bamboo 8432	 Fine Wenge 8433	 Grey Barnwood Cedar 8434	 Golden Douglas Fir 8436	 American Oak 8439	 Crazy Cajun Cypress 8442
 Swamp Cypress 8444	 Clipper Teak 8446	 Windjammer Teak 8449	 Douglas Fir 8452	 Anigre 8453	 Farm Maple 8458	 Caravel Teak 8460	 Regatta Teak 8461
 Summer Maple 8465	 Terrace Maple 8466	 Light Pecan 8475	 Penshaw Cherry 8481	 Northwest Mountain Hemlock 8486	 Whitewash 8487	 White Oak 8491	 Rustic Cherry 8739
 Cherry 8742	 Auxilium Maple 8753	 White Oakwood 8758	 Additional finishes available upon request. Please contact your local sales representative for more information.				

Torsion Spring - Exterior

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Studio 66 LLC / Jordan-Hare Stadium / Auburn, AL

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 1.0 – 2.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

- Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50
- CAN/ULC-S102
- Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code

RECYCLED CONTENT

Up to 85%

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty



Photo: © Kieran Reynolds, South Cobb High School, Austell, GA

Box Series – Exterior

Designed to withstand wind loads, the Box Linear metal ceiling system uses a universal carrier for design and install simplicity.

Features & Benefits

- Panel sizes:
 - Panel module widths: 2", 4", 6", 8"
 - Panel lengths: 5' to 16'
 - Panel depths (nominal): 5/8"
- Square-edge design
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 92%
✓	EA: Optimize Energy Performance
✓	MR: Building Product Disclosure
✓	EQ: Low-Emitting Materials
✓	EQ: Indoor Air Quality Assessment
✓	EQ: Daylight

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Box Series – Exterior

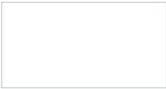
Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

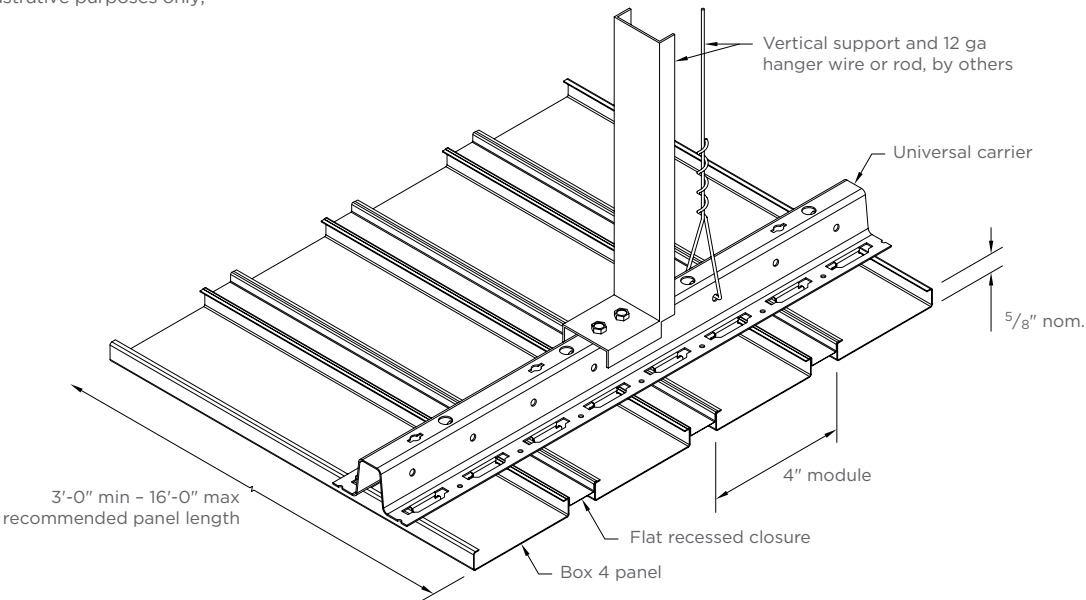
 Fonthill Cherry 8422	 Walnut 8424	 Amber Bamboo 8432	 Fine Wenge 8433	 Grey Barnwood Cedar 8434	 Golden Douglas Fir 8436	 American Oak 8439	 Crazy Cajun Cypress 8442
 Swamp Cypress 8444	 Clipper Teak 8446	 Windjammer Teak 8449	 Douglas Fir 8452	 Anigre 8453	 Farm Maple 8458	 Caravel Teak 8460	 Regatta Teak 8461
 Summer Maple 8465	 Terrace Maple 8466	 Light Pecan 8475	 Penshaw Cherry 8481	 Northwest Mountain Hemlock 8486	 Whitewash 8487	 White Oak 8491	 Rustic Cherry 8739
 Cherry 8742	 Auxilium Maple 8753	 White Oakwood 8758	 Additional finishes available upon request. Please contact your local sales representative for more information.				

Box Series - Exterior

Installation Examples

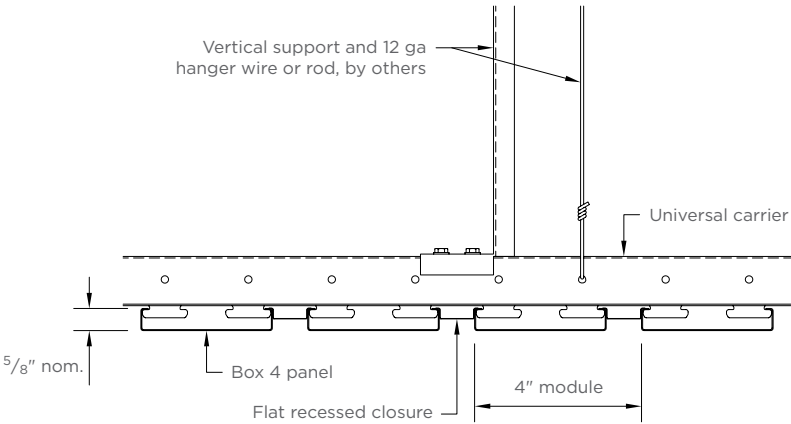
Typical Isometrics

Box 4 shown for illustrative purposes only,
all sizes similar.



Typical Isometrics

Box 4 shown for illustrative purposes
all sizes similar.



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Bob Perzel / Atlanta United Football Club Training / Marietta, GA

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 1.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

- Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50
CAN/ULC-S102
- Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code

RECYCLED CONTENT

Up to 92%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

- Varies with finish
- Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.

Full warranty information

can be found at

certainteed.com/warranty



Photo: © Bob Perzel, Target Center Entrance, Minneapolis, MN

Deep Box Series – Exterior

Designed to withstand wind loads, the Deep Box Linear metal ceiling system uses a universal carrier for design and install simplicity.

Features & Benefits

- Panel sizes:
 - Panel module widths: 2", 4", 6", 8"
 - Panel lengths: 5' to 16'
 - Panel depths: 1-1/2" (Deep Box 2), 1" (Deep Box 4, 6, & 8)
- Square-edge design
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



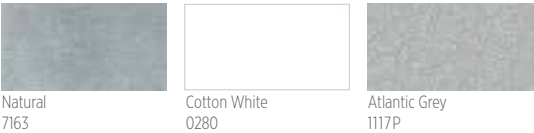
HPD
AVAILABLE

Deep Box Series – Exterior

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

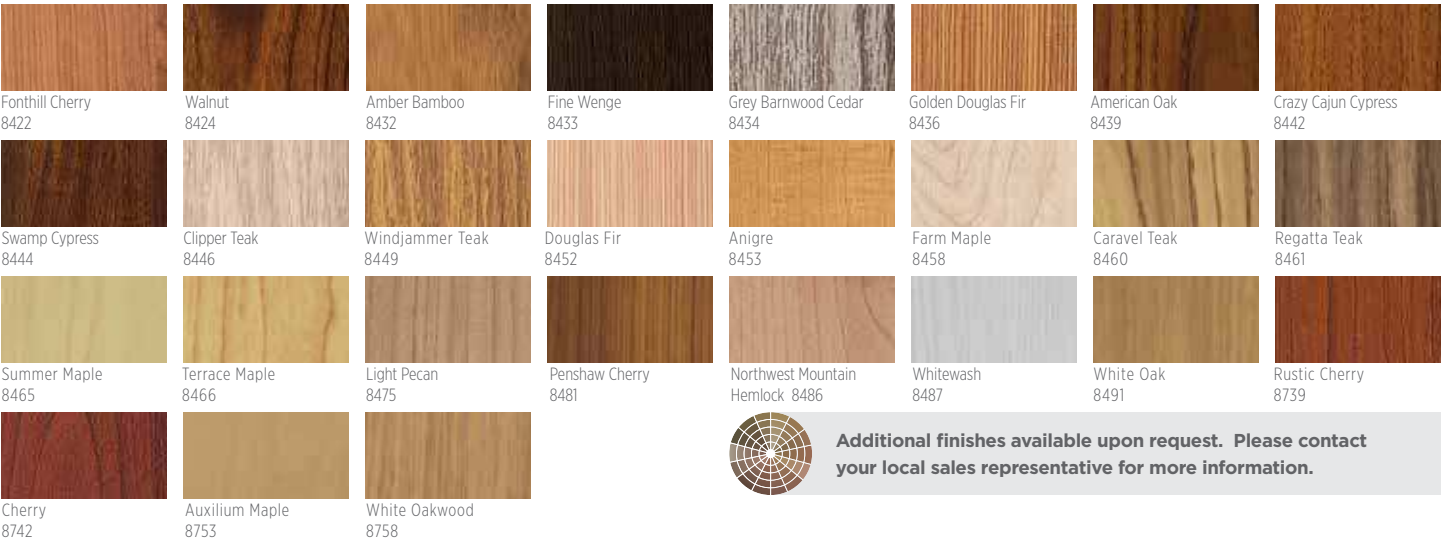


Custom Colors



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



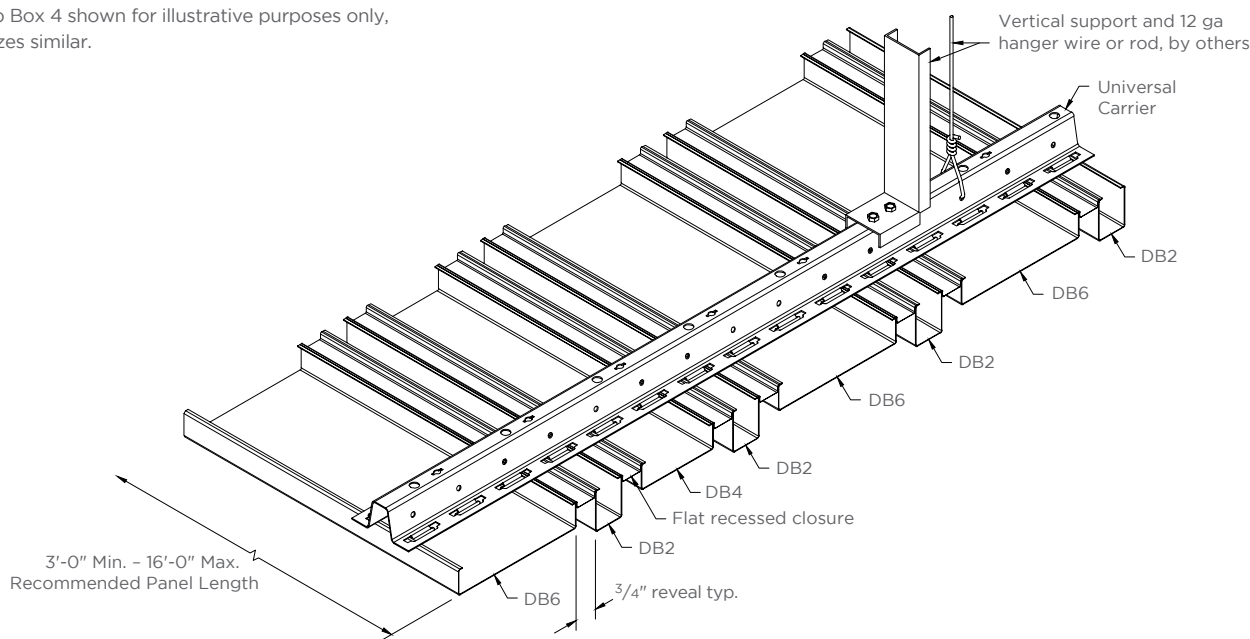
Additional finishes available upon request. Please contact your local sales representative for more information.

Deep Box Series - Exterior

Installation Examples

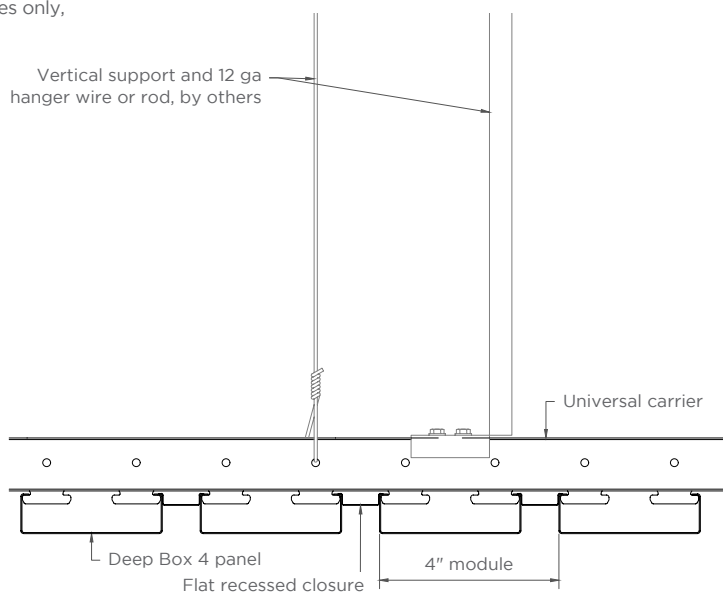
Typical Isometrics

Deep Box 4 shown for illustrative purposes only, all sizes similar.



Typical Isometrics

Deep Box 4 shown for illustrative purposes only, all sizes similar.



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Taube Photography / Desert Sky Transit Center / Phoenix, AZ

Physical Data

MATERIAL

Aluminum

WEIGHT

Varies 0.5 – 1.0 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

ZONES A,B,C,D,E,F

WIND LOAD

Per code

RECYCLED CONTENT

Up to 92%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

- Varies with finish
- Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty



Photo: © Taube Photography, PHX Sky Harbor Airport – Terminal 3, Phoenix, AZ

Multi-Box Continuous – Exterior

Designed to withstand wind loads, the Multi-Box™ Continuous metal ceiling system uses a universal carrier for design and install simplicity.

Features & Benefits

- Panel sizes:
 - Panel module widths: 2", 4", 6" and 8"
 - Panel lengths: 5' to 16'
 - Panel depths: 5/8" (Box 2, 4, 6 & 8); 1" (Deep Box 4, 6 & 8); 1-1/2" (Deep Box 2)
- Square-edge design
- Ten multi-box patterns available; see website for details
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 92%
✓	EA: Optimize Energy Performance
✓	MR: Building Product Disclosure
✓	EQ: Low-Emitting Materials
✓	EQ: Indoor Air Quality Assessment
✓	EQ: Daylight

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS

		
GREENGUARD: GOLD CERTIFIED	EPD AVAILABLE	HPD AVAILABLE

Multi-Box Continuous – Exterior

Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

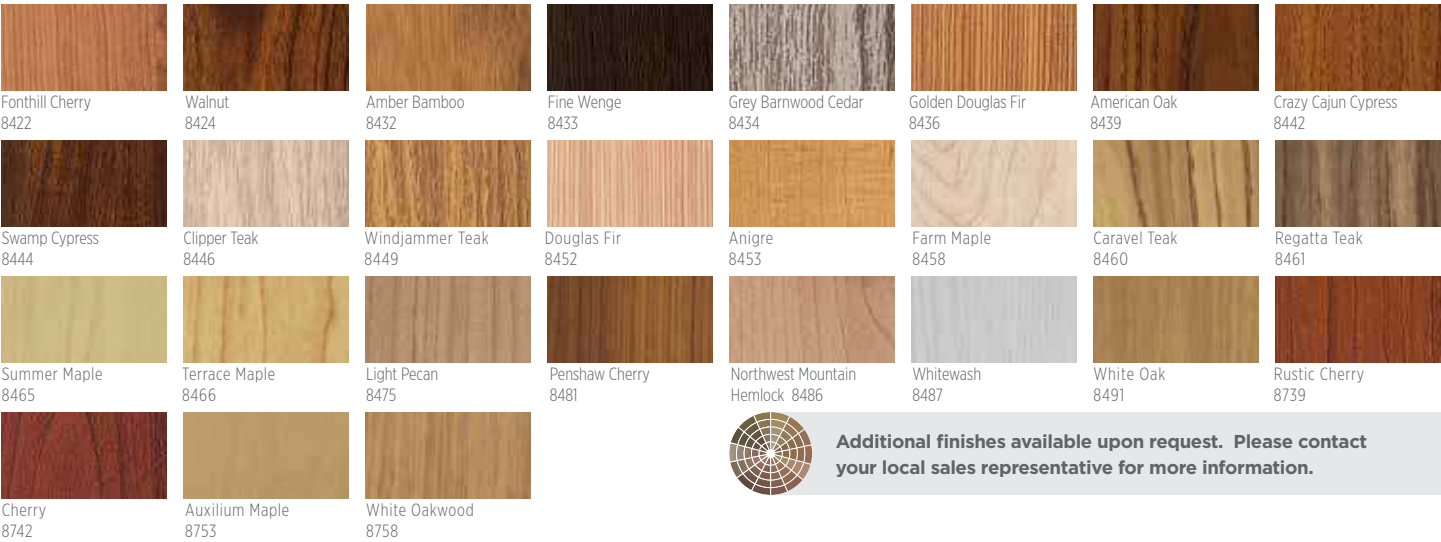


Custom Colors



Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



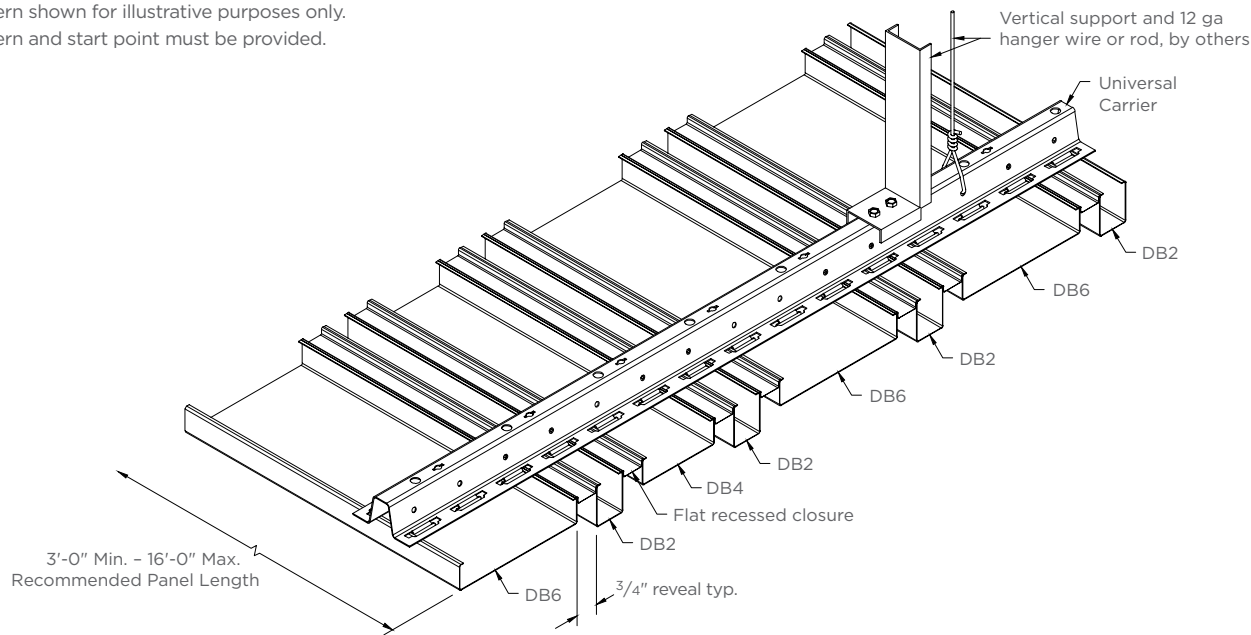
Additional finishes available upon request. Please contact your local sales representative for more information.

Multi-Box™ Continuous - Exterior

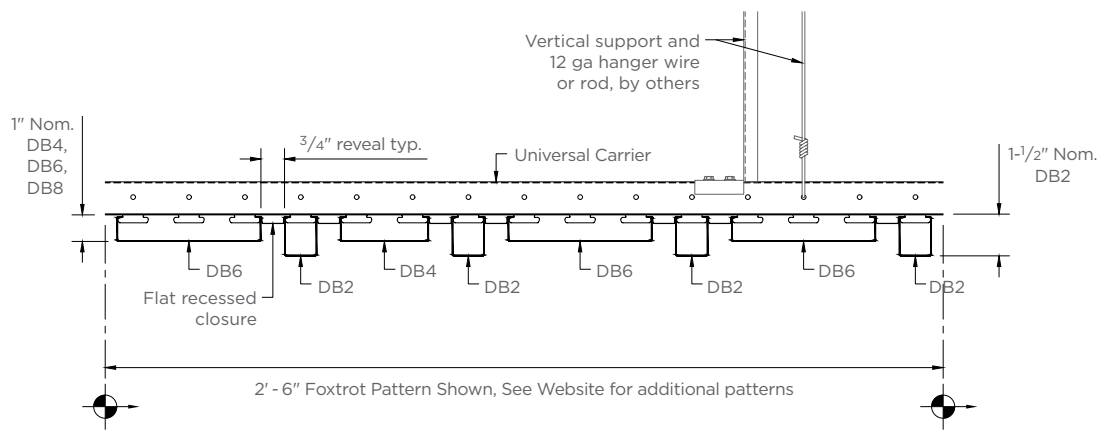
Installation Examples

Typical Isometrics

Pattern shown for illustrative purposes only.
Pattern and start point must be provided.



Typical Sections



Additional options available for design flexibility,
contact your local sales representative to get started.



Photo: © Bob Perzel / King Road Branch Library / Toledo, OH

Physical Data

MATERIAL
Aluminum

WEIGHT
Varies 0.5 – 1.0 lbs./sq.ft.

FIRE RATING
Class A Fire Rated per ASTM E84
- Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
CAN/ULC-S102
- Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING
ZONES A,B,C,D,E,F

WIND LOAD
Per code

RECYCLED CONTENT
Up to 92%

WARRANTY
1-year Limited Warranty.
Full warranty information
can be found at
certainteed.com/warranty



2025

WALL SYSTEMS PORTFOLIO



Photo: © Dave Dawson, BMW Auto Showroom, Chattanooga, TN

Metal Walls

Contractor-friendly Metal Walls use standard system components to accommodate standard & field-fabricated construction.

Features & Benefits

- Available panel sizes include:
 - Pedestrian Level: 12", 18", 20", 24" Wide x 24, 48" Tall
 - Acoustical Level: 12", 18", 20", 24" Wide x 24, 48" Tall
- Square-edge panel design with butt joints or standard 1/4" reveal joints
- Traditional factory-assembled Z-rail for progressive install over new or existing construction
- Flexibility for range of field conditions using fieldfabricated standard size panels supported with internal stiffeners
- Pedestrian-Level panels engineered for durability, while Acoustical-Level panels offer a range of perforations for acoustical performance
- Array of extruded aluminum trims can be interchanged to suit most projects without project-specific engineering

Attributes



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



GREENGUARD:
GOLD CERTIFIED



EPD
AVAILABLE



HPD
AVAILABLE

Metal Walls

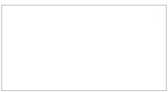
Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors



Natural
7163



Cotton White
0280



Atlantic Grey
1117P

Custom Colors



Premium Custom Colors

Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

 Fonhill Cherry 8422	 Walnut 8424	 Amber Bamboo 8432	 Fine Wenge 8433	 Grey Barnwood Cedar 8434	 Golden Douglas Fir 8436	 American Oak 8439	 Crazy Cajun Cypress 8442
 Swamp Cypress 8444	 Clipper Teak 8446	 Windjammer Teak 8449	 Douglas Fir 8452	 Anigre 8453	 Farm Maple 8458	 Caravel Teak 8460	 Regatta Teak 8461
 Summer Maple 8465	 Terrace Maple 8466	 Light Pecan 8475	 Penshaw Cherry 8481	 Northwest Mountain Hemlock 8486	 Whitewash 8487	 White Oak 8491	 Rustic Cherry 8739
 Cherry 8742	 Auxilium Maple 8753	 White Oakwood 8758	 Additional finishes available upon request. Please contact your local sales representative for more information.				

Laminated (Film) Wood Finishes

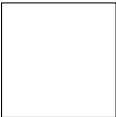
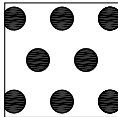
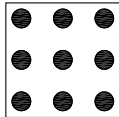
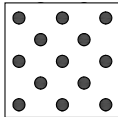
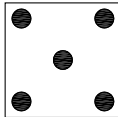
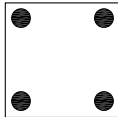
Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.

 Nordic Oak 8503	 Eastern Elm 8505	 Northern Oak 8501	 River Oak 8502	 Golden Brown Cherry 8507	 Hardwood Cherry 8506	 Tawny Teak 8509	 Persian Walnut 8508
 Old World Walnut 8504	 Appalachian Chestnut 8512						

Metal Walls

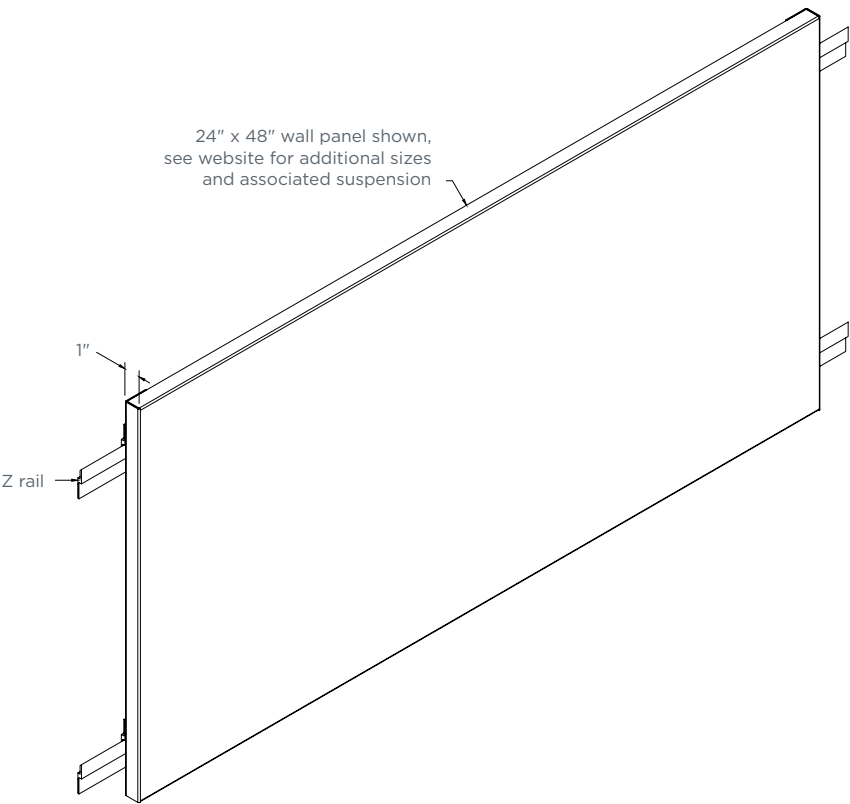
Perforation Patterns

Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

					
Non-perforated	Pattern #103 Perf. dia: .118 in. Open area: 20%	Pattern #106 Perf. dia: .098 in. Open area: 16%	Pattern #115 Perf. dia: .063 in. Open area: 12%	Pattern #119 Perf. dia: .098 in. Open area: 8%	Pattern #150 Perf. dia: .098 in. Open area: 4%

Installation Examples

Typical Isometrics



Additional options available for design flexibility, contact your local sales representative to get started.



Photo: © Bob Perzel / UNC-Charlotte Portal Building / Charlotte, NC

Physical Data

MATERIAL Aluminum	SEISMIC RATING ZONES A,B,C,D,E,F	LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477 - Cotton White: LR = 0.81
WEIGHT Varies	WIND LOAD N/A	WARRANTY 1-year Limited Warranty. Full warranty information can be found at certainteed.com/warranty
FIRE RATING Class A Fire Rated per ASTM E84 - Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50 CAN/ULC-S102 - Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50	RECYCLED CONTENT Up to 85%	

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	1" - 1.5 pcf Polywrapped Fiberglass Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.75 0.80
#106	16%	1" - 1.5 pcf Polywrapped Fiberglass Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.85 0.90
#115	12%	Non-Woven Acoustic Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass 1.5" - 1.5 pcf Polywrapped Fiberglass	0.65 0.95 0.90
#119	8%	1" - 1.5 pcf Polywrapped Fiberglass Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.85 0.85
#150	4%	1" - 1.5 pcf Polywrapped Fiberglass Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.75 0.70

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.



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REFERENCE SECTION



SPECIAL NOTES

EXPLANATIONS OF TEST METHODS

The following are brief descriptions of the test methods used to determine data published herein. For complete details of American Society for Testing and Materials (ASTM) test methods write:

ASTM International
100 Barr Harbor Drive
West Conshohocken
PA 19428-2959
www.astm.org

ASTM E 1264 CLASSIFICATION FOR ACOUSTICAL CEILING PRODUCTS

This standard applies to ceiling products that provide acoustical performance and interior finish in buildings and assists in the selection of acoustical ceiling products. This standard classifies acoustical ceilings by type, pattern, and certain ratings for acoustical performance, light reflectance, and fire safety.

ASTM C 423 REVERBERANT ROOM - SOUND ABSORPTION

This test measures the ratio of sound energy absorbed by a surface to the energy striking the surface from all angles. This numerical measure of the ability to absorb sound is known as an absorption coefficient. Coefficients can take on any numerical value from 0 to 1.0. Coefficients are generally presented for six standardized test frequencies over the range of 125-4000 Hz. The single figure rating for a material is the average of four coefficients from 250-2000 Hz inclusive. This is the Noise Reduction Coefficient (NRC). The NRC is expressed to the nearest multiple of 0.05. It should be noted that a difference in NRC of less than 0.10 is seldom detectable in a completed installation.

ASTM E 1414 CEILING SOUND ATTENUATION

This test provides a measure of the ability of an acoustical ceiling material to attenuate (weaken) the intensity of sound energy passing from one room to another via the pathway formed by a plenum space shared by two adjacent rooms. Sound energy covering the frequency range of 125-4000 Hz is generated in one of the test rooms and the resulting difference in sound pressure levels between the two rooms at 16 standardized center frequencies is measured. The resulting values are known as normalized ceiling attenuation factors. These data are used to calculate the Ceiling Attenuation Class (CAC) in accordance with ASTM E 413. It should be noted that a difference in CAC of 3 or less is not detectable in a completed installation.

ASTM E 1111 ARTICULATION CLASS

This test measures the acoustical ceiling material sound reflective characteristics when used in conjunction with 60-inch high space dividers calculated in accordance with ASTM E 1110 for each nominal interzone distance.

ASTM E 119 (ANSI/UL 263, UBC 7-1, NFPA 251, CAN/ULC-S101M) - FIRE RESISTANCE

This testing method measures the ability of a construction to prevent the spread of fire from one building compartment to another while retaining the structural strength properties of the assembly. Fire resistance classifications are given in terms of the length of test time elapsing before one or more limiting criteria is reached. It is important to remember that classifications are established for entire system designs and not for individual components within the design.

ASTM E 84 (UL 723, UBC 8-1, NFPA 255, CAN/ULC-S102M) - SURFACE BURNING CHARACTERISTICS

This test procedure is often referred to as the tunnel test method. The purpose of this test is to determine, under controlled laboratory conditions, the comparative surface burning characteristics of the material under test. The flame spread and smoke developed values which are determined by this test method are expressed as single number designations comparing the test sample performance with that of red oak which is 100 and inorganic reinforced cement board which is taken as 0. Observations of flame spread distance and time are recorded. The smoke density at the outlet end of the tunnel is recorded during the test period and is used to calculate the smoke developed values. Fire data provided are determined under controlled laboratory conditions using the ASTM E 84 standard and may not be predictive of the materials performance in actual use.

ASTM E 1477 LIGHT REFLECTANCE

This test method describes the evaluation of light reflectance of acoustical material where the application is primarily for designing the level of room illumination.

ASTM C 635 AND ASTM C 636 COMPOSITION AND INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANELS

These two ASTM specifications cover the structural properties of metal ceiling suspension systems and the proper installation techniques for these systems.

INDUSTRY STANDARDS

CertainTeed recommends "Acoustical Ceilings Use and Practice" and "Ceiling Systems Handbook" as references for all specifiers, designers, builders, and others involved in construction where architectural ceilings are to be used.

These booklets, which are published by the Ceilings & Interior Systems Construction Association (CISCA), are helpful guides to the selection and installation of acoustical ceilings.

SIZE TOLERANCES

Ceiling panels are manufactured to size tolerances consistent with the fibrous nature of the product. When installing the tile, the tolerances can become cumulative. (Consult CertainTeed for further information.)

COLORS

Product illustrations have been reproduced with all the color fidelity possible with commercial printing processes. For accuracy in color matching, actual product samples should be examined.

CertainTeed reserves the right to discontinue or change colors without notice and without incurring obligations.

Colored ceilings are dye-lotted and should not be mixed.

CEILING SUSPENSION SYSTEMS STANDARDS AND REQUIREMENTS

STANDARDS

Ceiling suspension components are roll formed to meet or exceed ASTM C 635, and to conform to direct hung structural classifications of Light (5.0-11.9 lbs.), Intermediate (12.0-15.9 lbs.) or Heavy Duty (16.0 or more lbs.). Metal thicknesses comply with the United States Standard Revised Manufacturers Gauge Table, but metal thickness is subject to mill tolerances.

GENERAL INSTALLATION REQUIREMENTS

Suspended ceiling systems are designed and tested for specifications and use in interior applications only. The manufacturer should be consulted for recommendations regarding exterior applications. Installation should be done only when the temperature and humidity closely approximate the interior conditions that will exist when the building is occupied. The heating and cooling systems should be operating to maintain these conditions prior to, during and after installation. Special attention should be given to proper ventilation of the plenum, especially in high moisture areas.

Prior to the start of installation, all exterior windows and doors are to be in place, glazed

and weather-stripped, the roof is to be watertight and all wet trades work is to be completed and thoroughly dry. Mechanical, electrical or other utility service work above the ceiling plane are also to be completed.

No materials should rest against or wrap around the ceiling suspension components or the wires that suspend or brace them.

All direct hung components are to be properly leveled, suspended and tightly tied with at least three full turns by not less than 12 gauge (2.05 mm) galvanized steel wire. Load test recommendations are not to be exceeded, nor should the components be deflected more than 1/360th of their span.

TESTING AND PRODUCT PERFORMANCE VALUES

CertainTeed has its products tested at the CertainTeed Technical Development Center which has full scale testing capabilities for many of the ASTM tests outlined in this catalog and is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 200520-O) for ASTM C 423 and E 1414. The Center is also qualified to participate in the UL Client Test Data Program.

Test data published for the various products, listed in this catalog, were obtained from the Center or from established commercial test laboratories. The Center facilities are calibrated to National Institute of Standards and Technology standard samples. And periodically, the Center test results are compared, on the same samples, with other accredited laboratories.

NOTE

Characteristics, properties or performance of materials or systems manufactured by CertainTeed herein described are derived from data obtained under controlled test conditions. CertainTeed makes no warranties, express or implied, as to their characteristics, properties or performance under any variations from such conditions in actual construction. CertainTeed assumes no responsibility for effects of structural movement.

Any deviation from these instructions voids all warranties, including implied warranties of merchantability and fitness for a particular purpose.

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SITE CONDITIONS & INDOOR CLIMATE

STORAGE

On-site storage shall be such as to assure that all panels and associated materials are protected from damage, and the storage area is climate controlled to normal operation levels.

INSTALLATION

Prior to panel installation, the site must be free of all wet and dusty trades, and the climate conditions stabilized to normal operation levels.

NORMAL OPERATIONAL LEVELS

Product shall be installed in indoor environments where the temperature and humidity conditions range from 50°F - 86°F, and 25% - 55% respectively, with the environmental conditions between controlled within those limits. These requirements do not apply to products designed for exterior applications.

WARRANTY

CERTAINTEED OFFERS THE FOLLOWING PRODUCT WARRANTY COVERAGE:

- CERTAINTEED ACOUSTICAL CEILINGS AND SUSPENSION SYSTEMS: 30-YEAR LIMITED WARRANTY
- CERTAINTEED ACOUSTICAL CEILINGS: 10-YEAR 104/95 LIMITED WARRANTY
- CERTAINTEED ACOUSTICAL CEILINGS: 10-YEAR 104/90 LIMITED WARRANTY
- CERTAINTEED SUSPENSION SYSTEMS: 10-YEAR LIMITED WARRANTY
- CERTAINTEED ECOPHON ACOUSTICAL CEILINGS: 10-YEAR LIMITED WARRANTY
- CERTAINTEED ECOPHON FADE: 1-YEAR LIMITED WARRANTY
- CERTAINTEED METAL CEILINGS AND WALLS: 1-YEAR LIMITED WARRANTY
- CERTAINTEED WOOD CEILINGS AND WALLS: 1-YEAR LIMITED WARRANTY
- CERTAINTEED FELT CEILINGS AND WALLS: 1-YEAR LIMITED WARRANTY
- CERTAINTEED DECOUSTICS: 1-YEAR LIMITED WARRANTY
- CERTAINTEED DECOUSTICS CLEAN-AIR CLARO: 2-YEAR LIMITED WARRANTY

PLEASE VISIT [CERTAINTEED.COM/ARCHITECTURAL](https://certainteed.com/architectural) FOR DETAILED WARRANTY INFORMATION ON ALL CERTAINTEED PRODUCTS.

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PRODUCT GUIDE

METAL CEILING & WALL SYSTEMS

FIND A CEILINGS REPRESENTATIVE

certainteed.com/find-a-rep

COMPARE CEILING PRODUCTS

certainteed.com/compareceilingproducts

BUILD A SUBMITTAL

certainteed.com/build-a-submittal



Learn about CertainTeed Ceiling and Wall Solutions at

certainteed.com/architectural

or call Customer Service at **800-233-8990**