




Surprise Lake Middle School, Milton, WA / Photo: © Larry Swimmer

Lay-In Grille and Linear panels offer a variety of horizontal plank and vertical blade options to add dimensionality to the ceiling.

FEATURES AND BENEFITS

- Nominal Standard Panel Sizes: 24" x 24" and 24" x 48"
- Available in a variety of standard sizes and custom configurations to complement design elements, installation requirements, and acoustic performance
- Fully-accessible installation on 9/16" or 15/16" CertainTeed HD Grid
- Wide array of solid wood and veneer species, cuts, and matches
- Additional custom materials, staining, sheening, and color matching are also available upon request
- Achieve noise reduction coefficients up to 0.90 NRC with CertainTeed 1" Theatre Black *f* ceiling panels
- Manufactured with sustainable wood materials
- Comprised of low-emitting materials and components
-  Quick Ship options available to ship in 4 weeks or less⁷

ATTRIBUTES



NRC
UP TO 0.85



CUSTOMIZATION
AVAILABLE



QUICK SHIP
AVAILABLE



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

CLASS A (VENEER)
CLASS C (SOLID WOOD)

LEED® v4

RECYCLED CONTENT¹

up to 70%

- ✓ EQ: Acoustic Performance (EQc)²
- ✓ EQ: Low-Emitting Materials (EQc)³
- ✓ MR: Regional Materials (MR Credits)⁴
- ✓ MR: Recycling (MRc)⁵
- ✓ MR: Raw Materials Sourcing (MRp2)⁶

¹Preconsumer Recycled Content

²Varies by configuration; acoustic performance achieved with the use of backing and/or infill materials

³CertainTeed Wood Ceiling and Wall products meet General Emissions Evaluation per the CDPH standard; v1.2 2017

⁴200% credit if project with 100 miles of manufacturing site

⁵Wood products are recyclable and can be diverted from landfills and incinerators through recycling, recovery, reuse, or salvage

⁶Ask about FSC® availability (FSC-C151918)

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

⁷Orders under 2,500 square feet available to ship in 4 weeks or less; call for best available lead time greater than 2,500 square feet

CERTIFICATIONS & PRODUCT DECLARATIONS



FSC® AVAILABLE
ON REQUEST



LOW-EMITTING
MATERIALS / LOW VOC
(CDPH/EHLB/
STANDARD METHOD
VERSION 1.2, 2017)

LAY-IN GRILLE & LINEAR

COLORS AND FINISHES

A wide variety of solid wood and veneer species, cuts, and matches are available. Additional custom materials and color matching are also available upon request. Actual shades or grains may vary; request a sample for more accurate finish portrayal. Solid wood and veneer species are shown with a clear finish and top coat. The three character species code is followed by the single character finish code. For example: Solid Poplar (WPL) in an Oat finish (D) is WPLD. Species below shown with clear finish (O).

STANDARD SOLID WOODS

Hardwoods



Poplar
(WPL0)

Softwoods



Hemlock Mixed Grain
(WHM0)



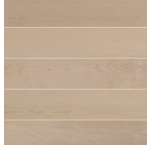
Hemlock Vertical
Grain (WHV0)

STANDARD VENEERS

Plain Slice Veneers



Plain Slice Natural
Cherry (VPC0)



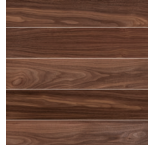
Plain Slice Maple
(VMP0)



Plain Slice Red Oak
(VPR0)

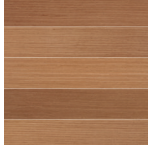


Plain Slice White Oak
(VPO0)

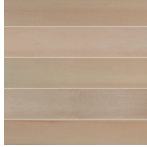


Plain Slice Walnut
(VPW0)

Quartered and Rift Cut Veneers



Quartered Cherry
(VQC0)



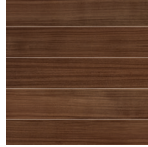
Quartered Maple
(VQM0)



Rift Cut Red Oak
(VRR0)



Rift Cut White Oak
(VRO0)

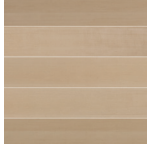


Quartered Walnut
(VQW0)

Reconstituted Quartered Veneers*



Quartered Cherry
(RRC0)



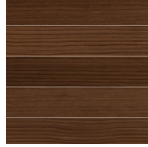
Quartered Maple
(RMC0)



Quartered Blonde
(RQB0)



Quartered Oak
(RRO0)



Quartered Walnut
(RWN0)

*Engineered from natural wood to deliver a uniform appearance across an installation

STAINS AND FINISHES

Standard Stains and Finishes^{1,2}



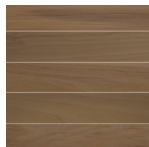
Clear (O)



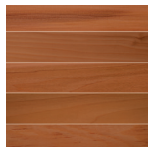
Patina (A)



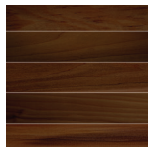
Sepia (J)



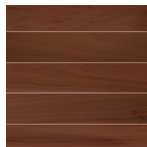
Hazel (L)



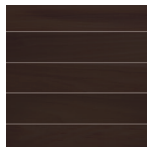
Oat (D)



Auburn (H)



Merlot (I)



Coffee (C)



Opaque White (S)

¹Standard Solid Wood Stains and Finishes shown on Poplar (WPL)

²Standard Veneer Stains and Finishes: Plain Slice Maple Patina (VMPA), Plain Slice Cherry Auburn (VPCH), Plain Slice Cherry Merlot (VPCI), and Plain Slice Walnut Coffee (VPWC)

Species and Finish available for Quick Ship orders

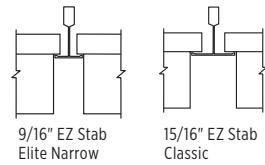


Additional veneer species, stains, color matching and finishes are available upon request. Please see catalog for more options or contact your local sales representative to get started.

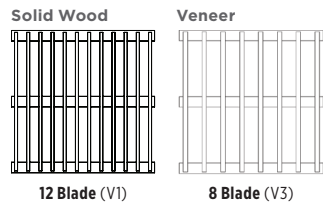
LAY-IN GRILLE & LINEAR

GRILLE OPTIONS

INSTALLATION

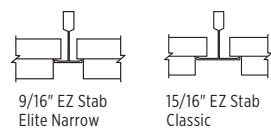


CONFIGURATION

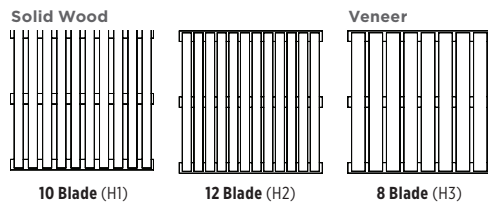


LINEAR OPTIONS

INSTALLATION



CONFIGURATIONS



STANDARD LAY-IN GRILLE CONFIGURATIONS

		NUMBER OF BLADES	BLADE WIDTH	BLADE DEPTH	PANEL WIDTH	PANEL LENGTH	SPACING BETWEEN BLADES	OPEN AREA
SOLID WOOD LAY-IN GRILLE								
9/16" GRID	9215V1	12	1/2"	1-1/2"	24"	24"	1-1/2"	75%
	9220V1	12	1/2"	1-1/2"	24"	48"	1-1/2"	75%
15/16" GRID	9210V1	12	1/2"	1-1/2"	24"	48"	1-1/2"	75%

		NUMBER OF BLADES	BLADE WIDTH	BLADE DEPTH	PANEL WIDTH	PANEL LENGTH	SPACING BETWEEN BLADES	OPEN AREA
VENEER LAY-IN GRILLE								
9/16" GRID	9335V3	8	3/4"	2-1/4"	24"	24"	2-1/4"	75%
	9340V3	8	3/4"	2-1/4"	24"	48"	2-1/4"	75%
15/16" GRID	9325V3	8	3/4"	2-1/4"	24"	24"	2-1/4"	75%
	9330V3	8	3/4"	2-1/4"	24"	48"	2-1/4"	75%

STANDARD LAY-IN LINEAR CONFIGURATIONS

		NUMBER OF BLADES	BLADE WIDTH	BLADE DEPTH	PANEL WIDTH	PANEL LENGTH	SPACING BETWEEN BLADES	OPEN AREA
SOLID WOOD LAY-IN LINEAR								
9/16" GRID	9215H2	12	1-1/2"	1/2"	24"	24"	31/64"	25%
	9220H2	12	1-1/2"	1/2"	24"	48"	31/64"	25%
15/16" GRID	9205H1	10	1-1/2"	1/2"	24"	24"	7/8"	25%
	9210H1	10	1-1/2"	1/2"	24"	48"	7/8"	25%

		NUMBER OF BLADES	BLADE WIDTH	BLADE DEPTH	PANEL WIDTH	PANEL LENGTH	SPACING BETWEEN BLADES	OPEN AREA
VENEER LAY-IN LINEAR								
9/16" GRID	9335H3	8	2-1/4"	3/4"	24"	24"	3/4"	25%
	9340H3	8	2-1/4"	3/4"	24"	48"	3/4"	25%
15/16" GRID	9325H3	8	2-1/4"	3/4"	24"	24"	23/32"	25%
	9330H3	8	2-1/4"	3/4"	24"	48"	23/32"	25%

To specify or order a specific product, include the 4-digit Item Number followed by the 2-character Configuration Code and the 4-character Color Code. **Example:** To order the 2' x 2' panel for 15/16" grid in Poplar Solid Wood with a Clear Finish with Horizontal Blades, the item number would be **9205H1WPLO**

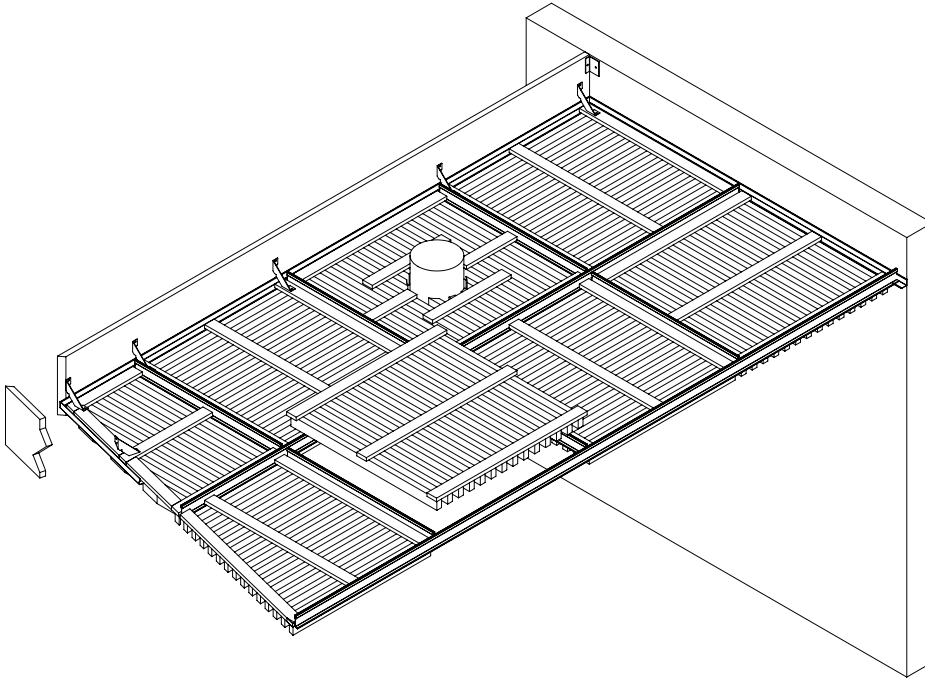
Configuration available for Quick Ship orders

STANDARD TRIMS AND ACCESSORIES

INSTALLATION ACCESSORIES	PRODUCT NAME	COLOR	USE
	1015T4___	4" x 96" x 3/4" Trim	Veneer Finishes
	1025T6___	6" x 96" x 3/4" Trim	Veneer Finishes
	1105T4___	4" x 96" x 3/4"	Solid Wood Finishes
	1105T6___	6" x 96" x 3/4"	Solid Wood Finishes

LAY-IN GRILLE & LINEAR

INSTALLATION EXAMPLES



ACOUSTICAL PERFORMANCE

CONFIGURATION	INFILL	FREQUENCY (HZ)						NRC	OPEN AREA
		125	250	500	1000	2000	4000		
Lay-in Grille (V1)	1" Theater Black	0.71	1.00	0.79	0.92	0.79	0.58	0.90	75%
Lay-in Grille (V1)	2" Fiberglass	0.71	1.09	1.11	1.11	1.02	0.82	1.10	75%
Lay-in Grille (V1)	Felt Backing	0.48	0.56	0.29	0.35	0.46	0.45	0.40	75%
Lay-in Grille (V3)	1" Theater Black	0.04	0.40	0.87	0.99	0.95	0.87	0.80	75%
Lay-in Grille (V3)	1" Theater Black & Felt Backing	0.17	0.44	0.95	1.06	0.97	0.88	0.85	75%
Lay-in Grille (V3)	2" Fiberglass	0.31	1.02	1.22	1.12	0.95	0.86	1.10	75%
Lay-in Grille (V3)	2" Fiberglass & Felt Backing	0.35	1.10	1.27	1.13	0.96	0.86	1.10	75%
Lay-in Linear (H1)	1" Theater Black	0.69	0.97	0.77	0.87	0.63	0.46	0.80	25%
Lay-in Linear (H1)	2" Fiberglass	0.69	1.03	1.15	1.06	0.72	0.55	1.00	25%
Lay-in Linear (H1)	Felt Backing	0.53	0.57	0.27	0.33	0.36	0.42	0.40	25%
Lay-in Linear (H2)	1" Theater Black	0.64	1.04	0.80	0.98	0.95	0.80	0.95	38%
Lay-in Linear (H2)	2" Fiberglass	0.81	1.02	1.17	0.99	0.53	0.41	0.95	38%
Lay-in Linear (H2)	Felt Backing	0.50	0.54	0.28	0.31	0.33	0.37	0.35	38%

Sound absorption achieved with the addition of acoustical fleece, fabric, and/or infill as noted
E-400 Mount per ASTM C423-17 (Ceiling).

PHYSICAL DATA

MATERIAL

Fire-retardant NAUF composite wood or solid wood blades; hardwood plywood or solid wood backers

WEIGHT

Typical system weights, varies by configuration and material
Solid Wood: 1.2 lbs./sq. ft.
Veneer: 2.5 lbs./sq. ft.

FIRE CLASS

Veneered Linear Planks & Grille Blades:
ASTM E84 (Class A) and CAN/ULC-S102
Flame Spread: 25 or less
Smoke Developed: 50 or less

Solid Wood Linear Planks & Grille Blades:
ASTM E84 (Class C) and CAN/ULC-S102
Flame Spread: 200 or less
Smoke Developed: 150 or less

SEISMIC INSTALLATION

See installation details for seismic area installation information. Consult local code officials for jurisdictional requirements.

Per IBC the maximum system weight for ceilings installed with Acoustical Suspension Systems in Seismic Design Categories C, D, E, and F is 4.0 lbs./sq. ft. when referencing ICC-ES ESR-3336. System weights greater than 4.0 lbs./sq. ft. may require local Professional Engineering services.

APPLICATION CONSIDERATIONS

Wood panels must be acclimatized for 72 hours prior to installation. Maintain relative humidity between 25% and 55% and temperature between 50°F and 80°F (10°C and 26°C) for the life of the product.

Wood is a natural material with varying grain and color characteristics. Characteristics may vary from panel to panel. For a more uniform appearance, consider reconstituted veneer options.

VISUAL CONSIDERATIONS

Surface Finish: clear or tinted topcoat with 20% sheen; stains and colors available.

WARRANTY

Full warranty information can be found at certainteed.com/warranty.

