

Talend, Redwood City, CA / Photo: © Bob Perzel

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 AND 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



GREENGUARD
GOLD CERTIFIED



CERTIFIED
ENVIRONMENTAL
PRODUCT DECLARATION
UL.COM/EPD



MULTI-BOX NETWORKS

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



Natural
7163



Cotton White
0280



Atlantic Grey
1117

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.



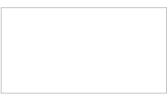
Arctic White
1015P



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
1009

STANDARD WOOD VENEER OPTIONS

Real wood veneer (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel.

Note: This is a small subset of veneers available. Please contact manufacturer for client-specific species and stains.



White Oak (Rift)
9003



Douglas Fir (VG)
9005



Cherry (Flat)
9013



Walnut (Flat)
9114



Anigre (Qtr)
9122



Maple (Flat)
9427

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



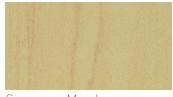
Farm Maple
8458



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



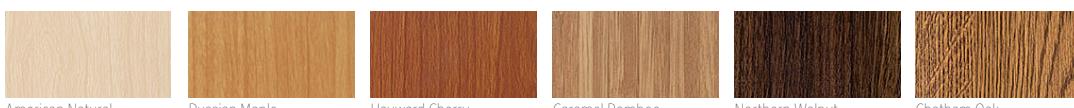
Additional finishes available upon request. Please contact your local sales representative for more information.



MULTI-BOX NETWORKS

LAMINATED (FILM) WOOD FINISHES

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



American Natural
8000

Russian Maple
8003

Hayward Cherry
8005

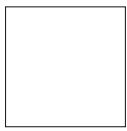
Caramel Bamboo
8030

Northern Walnut
8105

Chatham Oak
8107

PERFORATION PATTERNS

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



Non-perforated
(Box, Deep Box)



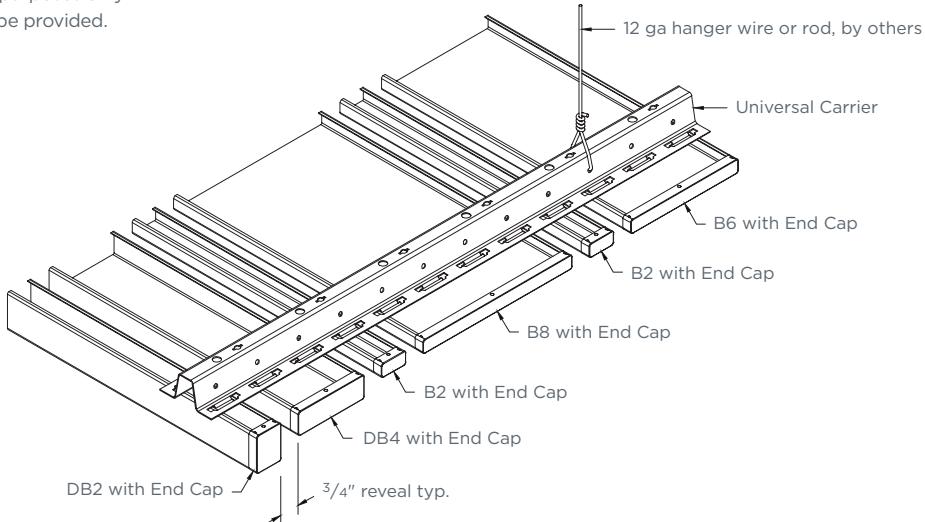
Pattern #160
Perforation diam.: .060 in.
Open Area: 23%
(Box 4, 6, 8 and Deep Box 2 only)

INSTALLATION EXAMPLES

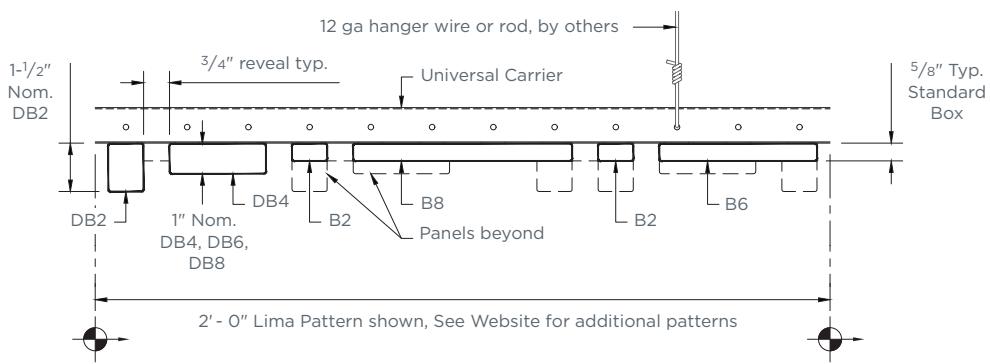
Typical Isometrics

Pattern shown for illustrative purposes only.

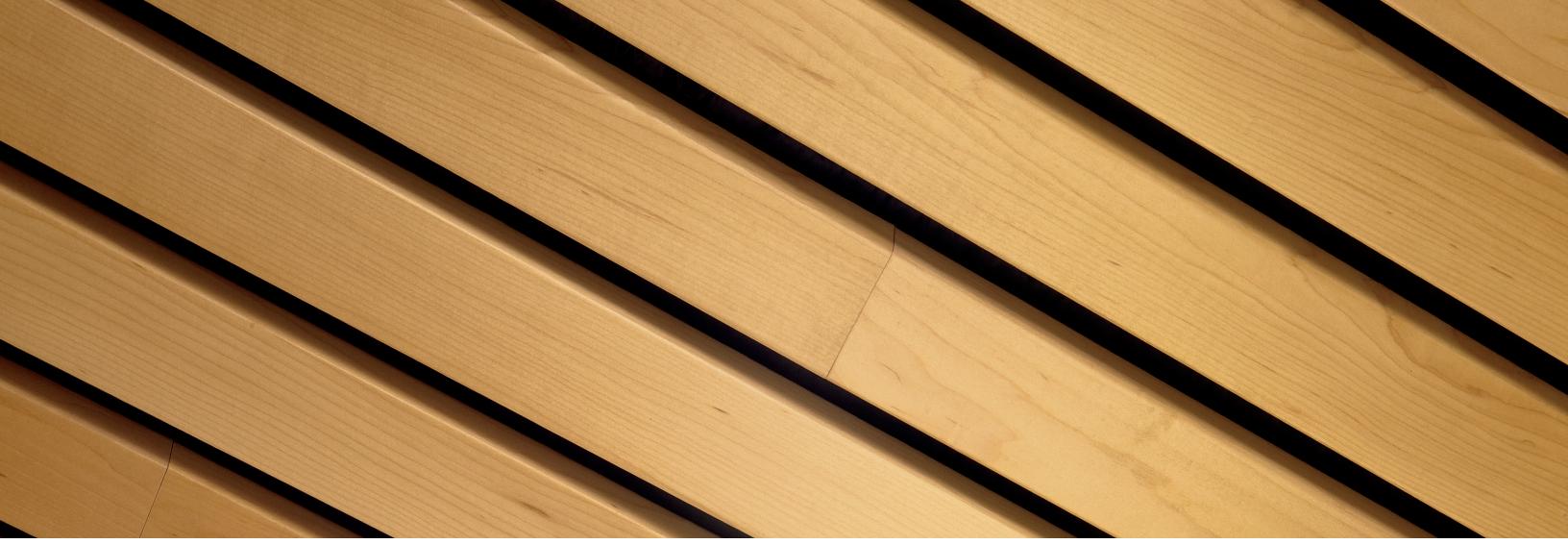
Pattern and start point must be provided.



Typical Sections



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



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
 - Film on metal: Flame spread: ≤ 25, Smoke ≤ 50
(for interior applications)
 - Wood veneer on metal: Flame spread: ≤ 25, Smoke ≤ 55
(for interior applications)
- Class A Fire Rated per 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.



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