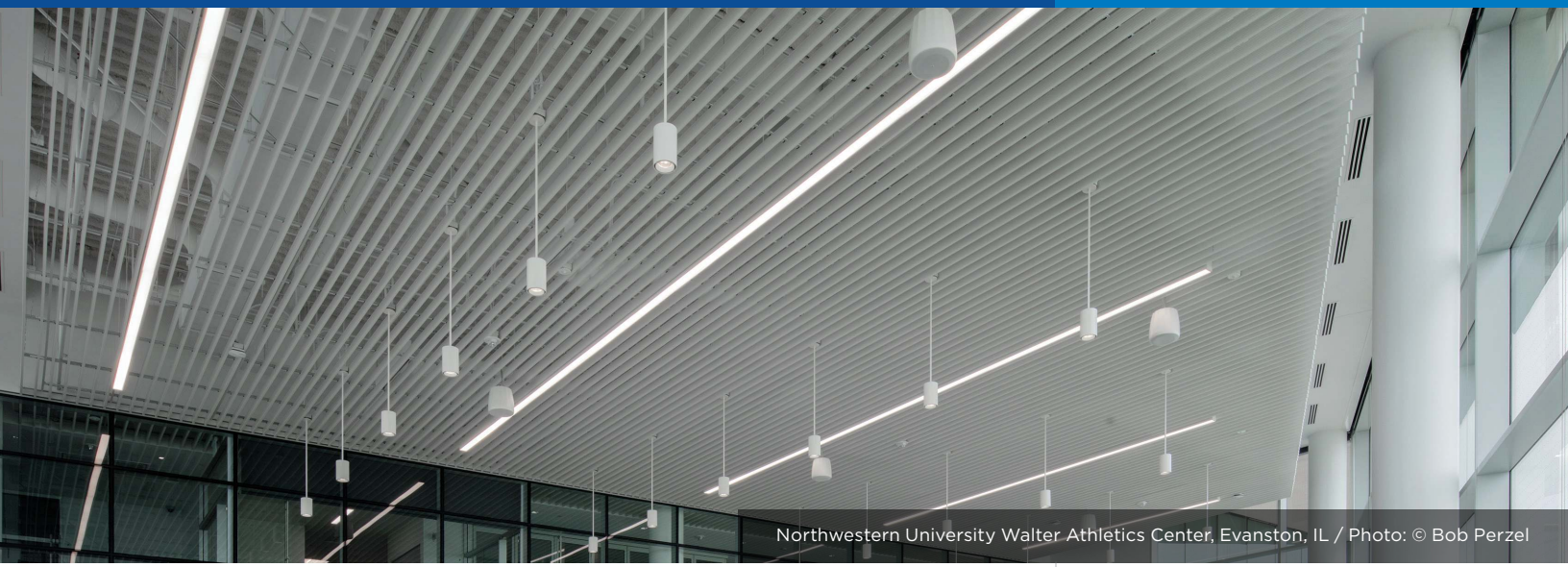
TAVOLA™ PRIME

METAL CEILINGS & WALLS
BEAMS & BAFFLES



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

With linear spaced objects in the ceiling, the Tavola™ Prime Beams and Baffles Series offers a lightweight aluminum beams and baffles solution for interior commercial spaces.

FEATURES AND 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

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.

ATTRIBUTES

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

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

CUSTOMIZATION AVAILABLE

CERTIFICATIONS

GREENGUARD GOLD

GREENGUARD: GOLD CERTIFIED

CERTIFIED ENVIRONMENTAL PRODUCT DECLARATION

EPD AVAILABLE

TAVOLA™ PRIME

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

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

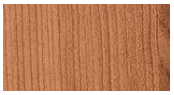

Raven Black
5030P


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

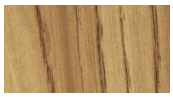

Clipper Teak
8446

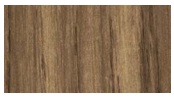

Windjammer Teak
8449


Douglas Fir
8452


Anigre
8453

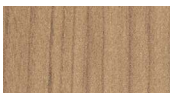

Farm Maple
8458

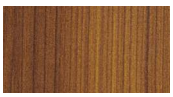

Caravel Teak
8460


Regatta Teak
8461


Summer Maple
8465


Terrace Maple
8466


Light Pecan
8475


Penshaw Cherry
8481


Northwest Mountain Hemlock 8486

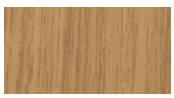

Whitewash
8487


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.

American Natural
8000

Russian Maple
8003

Hayward Cherry
8005

Caramel Bamboo
8030

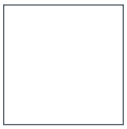
Northern Walnut
8105

Chatham Oak
8107

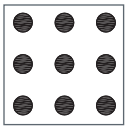
TAVOLA™ PRIME

PERFORATION PATTERNS

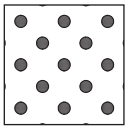
Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.



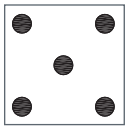
Non-perforated



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



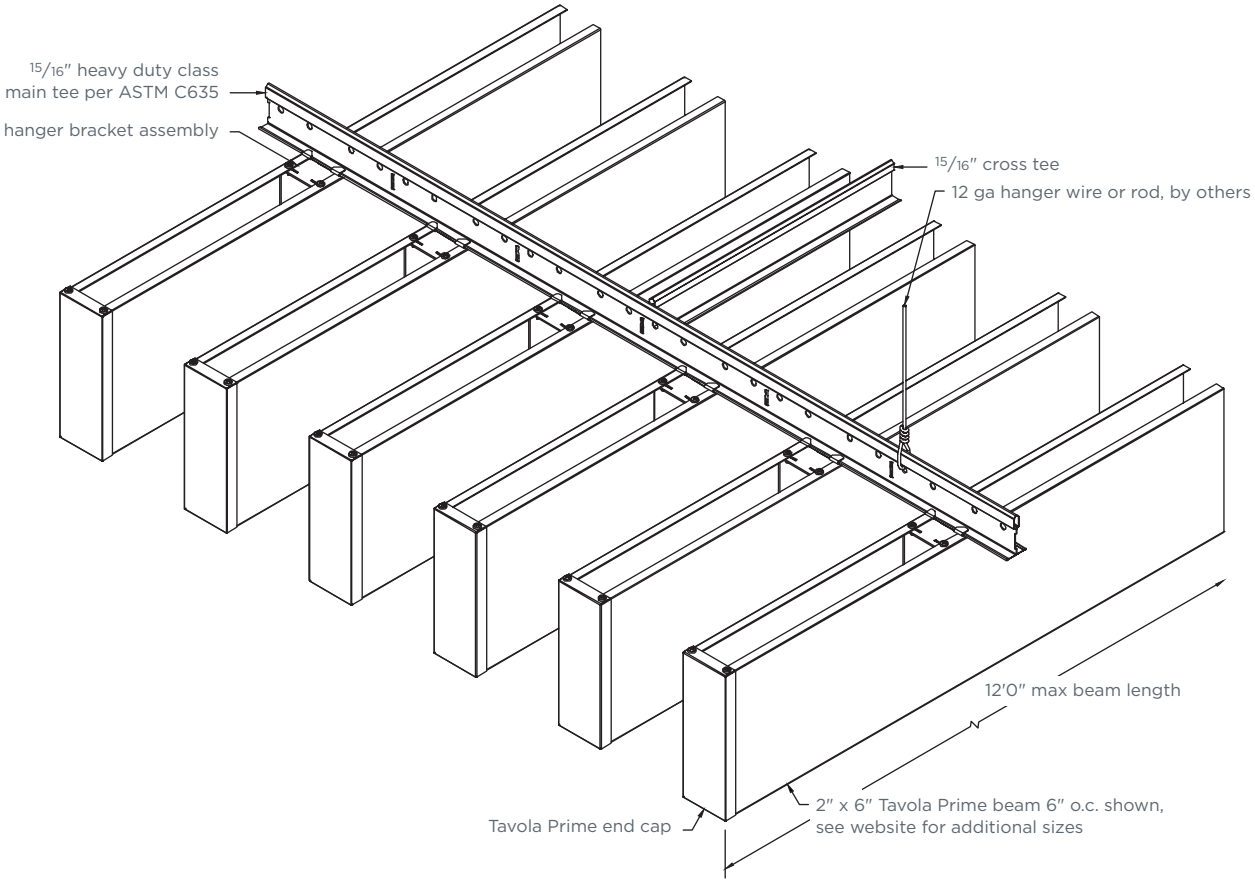
Pattern #115
Perf. dia: .063 in.
Open area: 12%



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.

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

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
– Film on metal: Flame spread: ≤ 25, Smoke ≤ 50
(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
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 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.