

# SUBMITTAL SHEET

# TAVOLA™ TALL BEAMS & BAFFLES

Project Name \_\_\_\_\_

Specification Section \_\_\_\_\_

Ceiling Type \_\_\_\_\_

**SUBSTRATE:** **ALUMINUM**       .032"     .040"     Other (consult with manufacturer)

**LENGTH**                      Up to 12' Please specify: \_\_\_\_\_

**BEAM PROFILES**               1" x 7"     1-1/2" x 7"     2" x 7"  
(Width x Height)               1" x 8"     1-1/2" x 8"     2" x 8"  
    1" x 9"     1-1/2" x 9"     2" x 9"  
    1" x 10"     1-1/2" x 10"     2" x 10"  
    1" x 11"     1-1/2" x 11"     2" x 11"  
    1" x 12"     1-1/2" x 12"     2" x 12"  
    1" x 13"     1-1/2" x 13"     2" x 13"  
    1" x 14"     1-1/2" x 14"     2" x 14"  
    1" x 15"     1-1/2" x 15"     2" x 15"  
 Other: \_\_\_\_\_

**BEAM SPACING**               4"             6"             8"             Other \_\_\_\_\_

**COLOR/FINISH**               Cotton White - #0280  
    Natural - #7163  
    Other \_\_\_\_\_

**PERFORATION PATTERN**       #106       #115       #119       Other \_\_\_\_\_       Non-Perforated

**ACOUSTICAL BACKER**               Black Non-Woven  
    Black Polywrapped Pad  
    None

**END CAPS**                       Yes             No

**GRAIN DIRECTION**               Horizontal     Vertical  
(For Decorated End Caps)

**EXPOSURE**                       Interior Only

Shop Drawings required on all Tavola™ projects.

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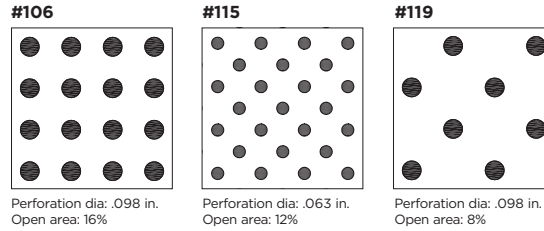
ARCHITECTURAL

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SAINT-GOBAIN

# SUBMITTAL SHEET TAVOLA™ TALL BEAMS & BAFFLES

## PERFORATIONS

Perforated panels improve acoustical performance as well as create aesthetic effects.



## 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

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, with mounting type "J".

Test reports available upon request.

\* Not tested

## PHYSICAL DATA

**Substrate:** Aluminum

**Warranty:** 1 year

**Seismic rating:** Zones A,B,C,D,E,F

**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

**Weight:** Varies 0.5 - 4.0 lbs./sq.ft.

**Wind load:** N/A

**Recycled content:** Up to 85%

**Light reflectance (LR) Coefficient per ASTM E1264 & ASTM E1477:**

- Cotton White: LR = 0.81

For technical details, go to [CertainTeed.com/Architectural](http://CertainTeed.com/Architectural) • 800.366.4327