

SUBMITTAL SHEET

TAVOLA™ PRIME

BEAMS & BAFFLES SERIES

Project Name _____

Specification Section _____

Ceiling Type _____

SUBSTRATE: 0.81 mm (0.032") 1.02 mm (0.040") Other (consult with manufacturer)
ALUMINUM

BEAM PROFILES
(Width x Height in cm (in))

<input type="checkbox"/> 2.54x5.08 (1x2)	<input type="checkbox"/> 3.81x5.08 (1.5x2)	<input type="checkbox"/> 5.08x5.08 (2x2)	<input type="checkbox"/> 7.62x5.08 (3x2)	<input type="checkbox"/> 10.16x5.08 (4x2)	<input type="checkbox"/> 15.24x5.08 (6x2)	<input type="checkbox"/> 20.32x5.08 (8x2)
<input type="checkbox"/> 2.54x7.62 (1x3)	<input type="checkbox"/> 3.81x7.62 (1.5x3)	<input type="checkbox"/> 5.08x7.62 (2x3)	<input type="checkbox"/> 7.62x7.62 (3x3)	<input type="checkbox"/> 10.16x7.62 (4x3)	<input type="checkbox"/> 15.24x7.62 (6x3)	<input type="checkbox"/> 20.32x7.62 (8x3)
<input type="checkbox"/> 2.54x10.16 (1x4)	<input type="checkbox"/> 3.81x10.16 (1.5x4)	<input type="checkbox"/> 5.08x10.16 (2x4)	<input type="checkbox"/> 7.62x10.16 (3x4)	<input type="checkbox"/> 10.16x10.16 (4x4)	<input type="checkbox"/> 15.24x10.16 (6x4)	<input type="checkbox"/> 20.32x10.16 (8x4)
<input type="checkbox"/> 2.54x12.7 (1x5)	<input type="checkbox"/> 3.81x12.7 (1.5x5)	<input type="checkbox"/> 5.08x15.24 (2x6)	<input type="checkbox"/> 7.62x15.24 (3x6)	<input type="checkbox"/> 10.16x15.24 (4x6)	<input type="checkbox"/> 15.24x15.24 (6x6)	<input type="checkbox"/> 20.32x15.24 (8x6)
<input type="checkbox"/> 2.54x15.24 (1x6)	<input type="checkbox"/> 3.81x15.24 (1.5x6)	<input type="checkbox"/> Other: _____				

* Profiles over 15.24 cm (6") tall may require two-piece construction.
Please contact manufacturer for more information.

BEAM SPACING 10.16 cm (4") 15.24 cm (6") 20.32 cm (8") Other _____

COLOUR/FINISH

- Cotton White - #0280
- Natural - #7163
- Other _____

PERFORATION PATTERN #106 #115 #119 Other _____ Non-Perforated

NUMBER OF SIDES PERFORATED Two sides only
 Three sides

ACOUSTICAL BACKER

- Black Non-Woven
- Black Polywrapped Pad
- None

ACOUSTICAL RATING _____ (NRC)
* Adding acoustical material may require two-piece construction.
Please contact manufacturer for more information.

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

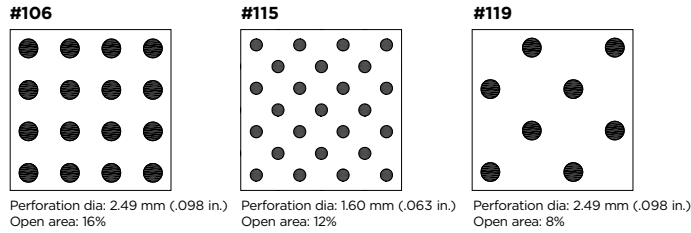
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SAINT-GOBAIN

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SUBMITTAL SHEET TAVOLA™ PRIME BEAMS & BAFFLES SERIES

PERFORATIONS

Perforated panels improve acoustical performance as well as create aesthetic effects. Perforations not available on laminated (film).



ACOUSTICAL BAFFLE TEST RESULTS

- 5.08 cm x 15.24 cm (2" x 6") Perforated Baffle Beam - Spacing 15.24 cm (6") o.c.
- 5.08 cm x 20.32 cm (2" x 8") Perforated Baffle Beam - Spacing 20.32 cm (8") o.c.
- 5.08 cm x 25.4 cm (2" x 10") Perforated Baffle Beam - Spacing 25.4 cm (10") o.c.
- 5.08 cm x 30.48 cm (2" x 12") Perforated Baffle Beam - Spacing 30.48 cm (12") o.c.
- 5.08 cm x 38.1 cm (2" x 15") Perforated Baffle Beam - Spacing 38.1 cm (15") o.c.

Perforation Pattern	Acoustical Infill	5.08x15.24 cm (2x6 in)		5.08x20.32 cm (2x8 in)		5.08x25.4 cm (2x10 in)		5.08x30.48 cm (2x12 in)		5.08x38.1 cm (2x15 in)	
		Apparent		Apparent		Apparent		Apparent		Apparent	
		NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA	NRC	SAA
106	Non-Woven plus 3.81 cm (1.5"), 24.03 kg/m ³ (1.5 pcf) fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
106	Non-Woven plus 3.81 cm (1.5"), 24.03 kg/m ³ (1.5 pcf) black poly encap fiberglass	1.00	0.95	*	*	*	*	*	*	*	*
106	Non-Woven plus 3.81 cm (1.5"), 48.05 kg/m ³ (3.0 pcf) black poly encap fiberglass	1.00	0.96	*	*	*	*	*	*	*	*
106	Non-Woven	0.60	0.59	*	*	*	*	*	*	*	*
115	Non-Woven plus 3.81 cm (1.5"), 24.03 kg/m ³ (1.5 pcf) black poly encap fiberglass	1.10	1.09	1.10	1.11	1.15	1.16	1.15	1.16	1.20	1.21
115	3.81 cm (1.5"), 24.03 kg/m ³ (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 3.81 cm (1.5"), 48.05 kg/m ³ (3.0 pcf) black poly encap 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 3.81 cm (1.5"), 24.03 kg/m ³ (1.5 pcf) black poly encap fiberglass	1.00	0.98	1.05	1.07	1.15	1.12	1.10	1.10	1.15	1.15
119	3.81 cm (1.5"), 24.03 kg/m ³ (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 3.81 cm (1.5"), 48.05 kg/m ³ (3.0 pcf) black poly encap 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 Limited Warranty

Seismic rating: Classes A,B,C,D,E,F

Fire rating: Rated per CAN/ULC-S102

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

Weight: Varies 2.44 - 9.76 kg/m² (0.5 - 2.0 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