

# SUBMITTAL SHEET

# TAVOLA™

# DIVERGENT

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

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

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

**SUBSTRATE:**  .81 mm (.032")  1.02 mm (.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.

**CONFIGURATIONS**

<input type="checkbox"/> V-Pattern	<input type="checkbox"/> Pinwheel	<input type="checkbox"/> Basket Weave	<input type="checkbox"/> Other - Provide configuration
<input type="checkbox"/> Chevron	<input type="checkbox"/> Fan	<input type="checkbox"/> Random Alpha	

**COLOUR/FINISH**

<input type="checkbox"/> Cotton White - #0280	<input type="checkbox"/> Natural - #7163
<input type="checkbox"/> Other # _____	

**PERFORATION PATTERN**

<input type="checkbox"/> #106	<input type="checkbox"/> #115	<input type="checkbox"/> #119	<input type="checkbox"/> Other _____	<input type="checkbox"/> Non-Perforated
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**NUMBER OF SIDES PERFORATED**

<input type="checkbox"/> Two sides only
<input type="checkbox"/> Three sides

**ACOUSTICAL BACKER**

<input type="checkbox"/> Black Non-Woven
<input type="checkbox"/> Black Polywrapped Pad
<input type="checkbox"/> 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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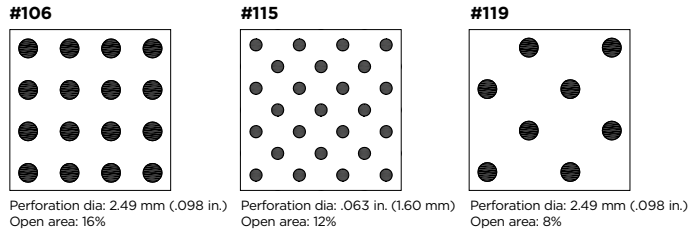
ARCHITECTURAL

**CertainTeed**  
SAINT-GOBAIN

CertainTeed Architectural Products, a division of CertainTeed Canada, Inc.

## 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 <sup>3</sup> (1.5 pcf) fiberglass	1.00	1.00	*	*	*	*	*	*	*	*
106	Non-Woven plus 3.81 cm (1.5") , 24.03 kg/m <sup>3</sup> (1.5 pcf) black poly encap fiberglass	1.00	0.95	*	*	*	*	*	*	*	*
106	Non-Woven plus 3.81 cm (1.5") , 48.05 kg/m <sup>3</sup> (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 <sup>3</sup> (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 <sup>3</sup> (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 <sup>3</sup> (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 <sup>3</sup> (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 <sup>3</sup> (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 <sup>3</sup> (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/m<sup>2</sup> (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