

# SUBMITTAL SHEET

# BOX SERIES

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

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

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

**SUBSTRATE:** Aluminum

**PROFILE**  Box 2  Box 4  Box 6  Box 8

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

**FILLER STRIP**  Box Flat Recessed Closure - Matte Black - #1883  Open Reveal  
 Box Flat Recessed Closure - Cotton White - #0280  
\* Filler Strip required for all Exterior applications.

**PERFORATION PATTERN** Box 2  Non-Perforated Box 6  Non-Perforated  #160  
Box 4  Non-Perforated  #160 Box 8  Non-Perforated  #160

**ACOUSTICAL BACKER**  Black Non-Woven\*  
 Black Polywrapped Pad  
 None  
\* For use with interior perforated material only.

**ACOUSTICAL RATING** \_\_\_\_\_ (NRC)

**TRIM**  Wall Angle  Edgeline (interior only) \_\_\_\_\_  
 Floating J-Trim  End Caps  
Colour/Finish # \_\_\_\_\_

**EXPOSURE**  Interior  
 Exterior - Design Wind Pressure (required) \_\_\_\_\_ PSF (Pascals)

Shop Drawings required on all Exterior projects.

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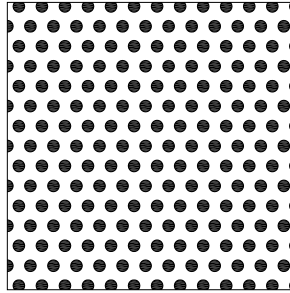
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## PERFORATIONS

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

### #160



Perforation diam: 1.52 mm (.060 in.)

Open Area: 23%

**Box 4, 6, 8 only**

## SOUND ABSORPTION (NRC) SUMMARY\*

Product	Acoustical Infill	NRC
Box 2, non-perforated, open reveal	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (1.5 pcf) Polywrapped Fiberglass	0.90
Box 4, non-perforated, open reveal	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (1.5 pcf) Polywrapped Fiberglass	0.75
Box 4, Perforated #160 (23% open area), open reveal	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (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	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (1.5 pcf) Polywrapped Fiberglass	0.85
Box 6, non-perforated, open reveal	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (1.5 pcf) Polywrapped Fiberglass	0.65
Box 6, Perforated #160 (23% open area), open reveal	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (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	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (1.5 pcf) Polywrapped Fiberglass	0.80
Box 8, non-perforated, open reveal	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (1.5 pcf) Polywrapped Fiberglass	0.50
Box 8, Perforated #160 (23% open area), open reveal	3.81 cm (1.5") - 24.03 kg/m <sup>3</sup> (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	3.81 cm (1.5") - 1.5 pcf Polywrapped Fiberglass	0.85

\* Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.  
Test reports available upon request.

## 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 - 3.66 kg/m<sup>2</sup> (0.5 - 0.75 lbs./sq.ft.)

**Wind load:** Per code (for exterior applications)

**Recycled content:** Up to 92%

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

- Cotton White: LR = 0.81

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