

# SUBMITTAL SHEET

# DEEP BOX SERIES

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

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

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

**SUBSTRATE:** Aluminum

**PROFILE**

- Deep Box 2                       Deep Box 6  
 Deep Box 4                       Deep Box 8 (19.86 mm (.032") thickness only)

**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**

- Non-Perforated  
 #160 (Deep Box 2 only)

**ACOUSTICAL BACKER**

- Black Polywrapped Pad  
 None  
\* For use with interior perforated material only.

**ACOUSTICAL RATING**

\_\_\_\_\_ (NRC - Achieved via Open Reveals)

**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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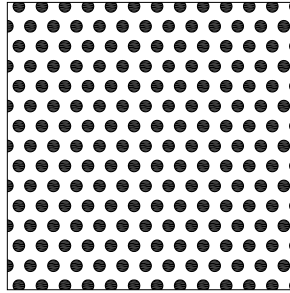
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## PERFORATIONS

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

#160



Perforation diam: 1.52 mm (.060 in.)  
Open Area: 23%  
(Deep Box 2 only)

## SOUND ABSORPTION (NRC) SUMMARY\*

Panel Description	Acoustical Infill	NRC
Deep Box 2, Perforation #160 (23% Open Area), open reveal	5.08 cm (2") Polywrapped acoustical pad	1.05
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	5.08 cm (2") Polywrapped acoustical pad	1.00
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	Non-Woven Acoustic & 2.54 cm (1") polywrapped acoustical pad	1.00
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	2.54 cm (1") Polywrapped acoustical pad	0.95
Deep Box 2, Perforation #160 (23% Open Area), open reveal	2.54 cm (1") Polywrapped acoustical pad	0.95
Deep Box 2, Non-perforated, open reveal	5.08 cm (2") Polywrapped acoustical pad	0.90
Deep Box 2, Perforation #160 (23% Open Area), with Box Flat Closure	Non-Woven Acoustic	0.80
Deep Box 2, Non-perforated, open reveal	2.54 cm (1") Polywrapped acoustical pad	0.65
Deep Box 2, Perforation #160 (23% Open Area), open reveal	Non-Woven Acoustic	0.50

\* 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:  $\leq 25$ , Smoke  $\leq 50$

**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