

SUBMITTAL SHEET

CONTINUOUS LINEAR GRILLE

Project Name _____

Specification Section _____

Ceiling Type _____

SUBSTRATE: Aluminum

PROFILE Deep Box 2

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

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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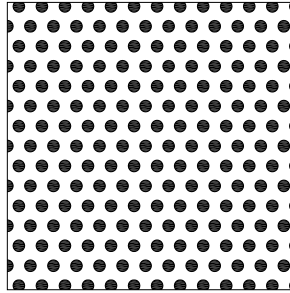
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PERFORATIONS

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

#160



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

SOUND ABSORPTION (HIGH NRC & SAA) SUMMARY*

Acoustical performance test results for Deep Box 2 only.

Panel Description	Acoustical Infill	NRC	SAA
Perforation #160 (23% Open Area), open reveal	5.08 cm (2") Polywrapped acoustical pad	1.05	1.06
Perforation #160 (23% Open Area), with Box Flat Closure	5.08 cm (2") Polywrapped acoustical pad	1.00	0.99
Perforation #160 (23% Open Area), with Box Flat Closure	Non-Woven Acoustic & 2.54 cm (1") polywrapped acoustical pad	1.00	0.97
Perforation #160 (23% Open Area), with Box Flat Closure	2.54 cm (1") Polywrapped acoustical pad	0.95	0.95
Perforation #160 (23% Open Area), open reveal	2.54 cm (1") Polywrapped acoustical pad	0.95	0.97
Non-perforated, open reveal	5.08 cm (2") Polywrapped acoustical pad	0.90	0.91
Perforation #160 (23% Open Area), with Box Flat Closure	Non-Woven Acoustic	0.80	0.82
Non-perforated, open reveal	2.54 cm (1") Polywrapped acoustical pad	0.65	0.71
Perforation #160 (23% Open Area), open reveal	Non-Woven Acoustic	0.50	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: ≤ 25 , Smoke ≤ 50

Weight: Varies 2.44 - 3.66 kg/m² (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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