

SUBMITTAL SHEET

84R & 84G

Project Name _____

Specification Section _____

Ceiling Type _____

84R

SUBSTRATE: 0.51 mm (.020")
ALUMINUM 0.64 mm (.025")

COLOUR/FINISH Cotton White - #0280
 Natural - #7163
 Other: _____

FILLER STRIP None
 Recessed Closure Strip
 Flush Closure Strip

COLOUR/FINISH Cotton White - #0280
 Matte Black - #1883
 Matching Colour
 Other: _____

PERFORATION Non-Perforated
PATTERN #140*
 #160*
* interior only

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

ACOUSTICAL _____ (NRC)
RATING

TRIM Wall Angle
 Floating J-Trim
 End Caps
 Other: _____

EXPOSURE Interior Only

84G

SUBSTRATE: 0.64 mm (.025")
ALUMINUM

COLOUR/FINISH Cotton White - #0280
 Natural - #7163
 Other: _____

FILLER STRIP Integral Filler Strip
(Matching Colour)

COLOUR/FINISH N/A

PERFORATION Non-Perforated
PATTERN

ACOUSTICAL N/A
BACKER

ACOUSTICAL N/A
RATING

TRIM Wall Angle
 Floating J-Trim
 End Caps
 Other: _____

EXPOSURE Interior Only

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ARCHITECTURAL

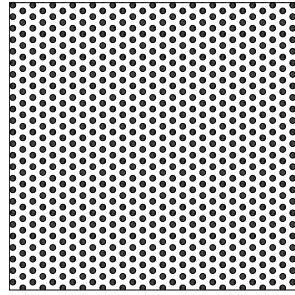
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SAINT-GOBAIN

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PERFORATIONS (84R only)

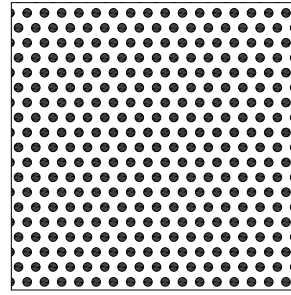
Perforated panels improve acoustical performance as well as create aesthetic effects.

#140



Perforation dia: 1.02 mm (.040 in.)
Open area: 15%
(84R only)

#160



Perforation dia: 0.52 mm (.060 in.)
Open area: 23%
(84R only)

SOUND ABSORPTION (NRC) SUMMARY*

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

Perforation Pattern	% Open Area	Acoustical Infill	NRC
#140	15%	2.54 cm (1") - 24.03 kg/m ³ (1.5 pcf) Mineral Wool Pad & Non-Woven Acoustic, with Open Reveal	0.85
#160	23%	2.54 cm (1") - 24.03 kg/m ³ (1.5 pcf) Polywrapped Fiberglass, with Closure Strip	0.85
		2.54 cm (1") - 24.03 kg/m ³ (1.5 pcf) Polywrapped Fiberglass, with Open Reveal	0.90
Non-Perforated Panel with Open Reveal		2.54 cm (1") - 24.03 kg/m ³ (1.5 pcf) Polywrapped Fiberglass	0.70

* Acoustical tests performed in accordance with ASTM C423 and 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: N/A

Recycled content: Up to 92%

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

- Cotton White: LR = 0.81