

Tianjin Metro Line 1, Tianjin, China

The 84R and 84G Linear metal ceiling systems offer a rounded edge linear aesthetic at a nominal 4" width.

### FEATURES AND BENEFITS

- Panel Sizes:
  - Panel module width: 4"
  - Panel lengths: 3' to 16'
  - Panel depth: 5/8"
- Round-edge design
- Curved carrier with straight panel application available
- Easy plenum access
- Interior only
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

### ATTRIBUTES



**FIRE RATING:**  
CLASS A  
PER ASTM E84  
AND CAN/ULC-S102



**SEISMIC RATING:**  
ZONES A, B, C, D, E, F



**CUSTOMIZATION**  
AVAILABLE

### LEED® v4

#### RECYCLED CONTENT

up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

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### CERTIFICATIONS



**GREENGUARD:**  
GOLD CERTIFIED



**EPD AVAILABLE**



COLORS AND FINISHES

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

STANDARD PAINT COLORS

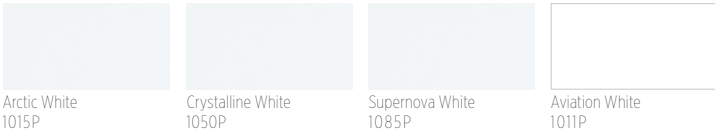


CUSTOM COLORS



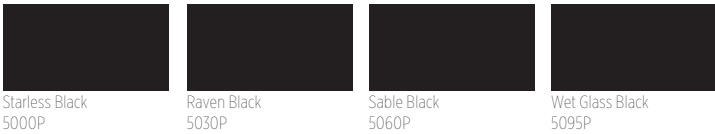
WHITE FINISH OPTIONS

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish.



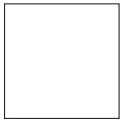
BLACK FINISH OPTIONS

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)

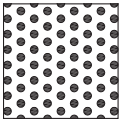


## PERFORATION PATTERNS

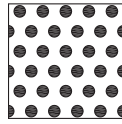
Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



Non-perforated



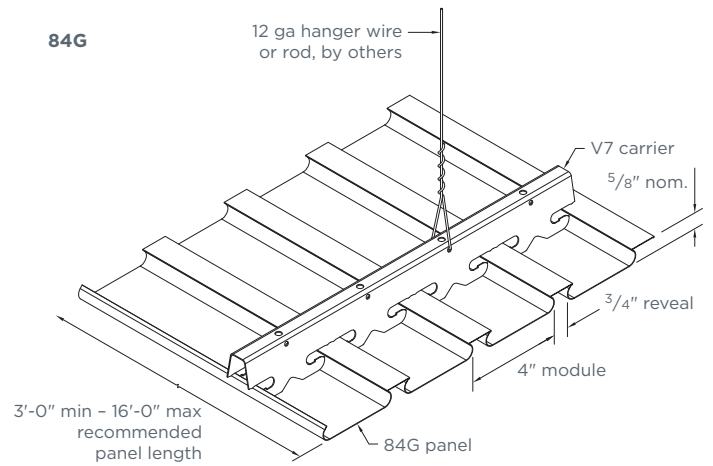
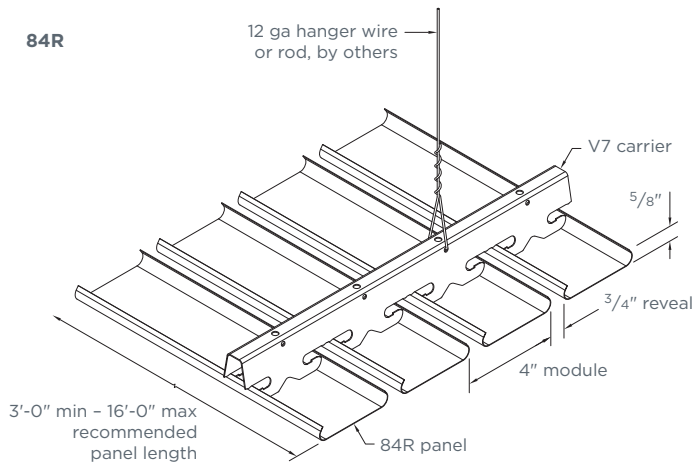
Pattern #140  
Perforation diam: .040 in.  
Open area: 15%  
(84R only)



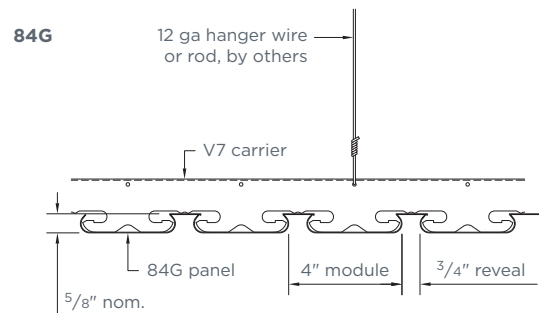
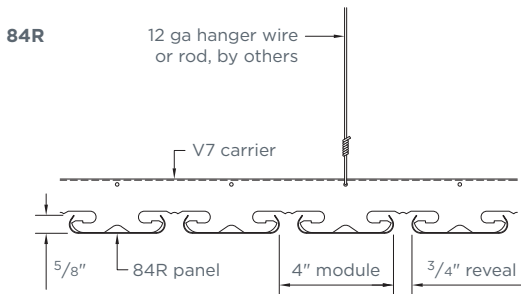
Pattern #160  
Perforation diam: .060 in.  
Open Area: 23%  
(84R only)

## INSTALLATION EXAMPLES

### Typical Isometrics



### Typical Sections



Additional options available for design flexibility,  
contact your local sales representative to get started.





Ian Thorpe Aquatic Centre, Sydney, Australia

## PHYSICAL DATA

### MATERIAL

Aluminum

### WEIGHT

Varies 0.5 – 0.75 lbs./sq.ft.

### FIRE RATING

Class A Fire Rated per ASTM E84

– Painted or anodized metal: Flame spread:  $\leq 25$ ,  
Smoke  $\leq 50$

Class A Fire Rated per CAN/ULC-S102

– Painted or anodized metal: Flame spread:  $\leq 25$ ,  
Smoke  $\leq 50$

### SEISMIC RATING

Zones A,B,C,D,E,F

### WIND LOAD

N/A

### RECYCLED CONTENT

Up to 92%

### LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Cotton White: LR = 0.81

### WARRANTY

1-year Limited Warranty.

Full warranty information can be found  
at [certainteed.com/warranty](https://certainteed.com/warranty)

## ACOUSTICAL PERFORMANCE

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

PRODUCT	ACOUSTICAL INFILL	NRC
84R, Perforation #140 (15% Open Area)	1" – 1.5 pcf Mineral Wool Pad & Non-Woven Acoustic, with Open Reveal	0.85
84R, Perforation #160 (23% Open Area)	1" – 1.5 pcf Polywrapped Fiberglass, with Closure Strip	0.85
	1" – 1.5 pcf Polywrapped Fiberglass, with Open Reveal	0.90
Non-Perforated Panel with Open Reveal	1" – 1.5 pcf Polywrapped Fiberglass	0.70

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.

Test reports available upon request.



### CertainTeed ARCHITECTURAL

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