

# FM 4471 Approved

## Engineering Technical Bulletin



### PRODUCT

- ▶ **IRP Series:** Insulated Metal Roof Panel
- ▶ **Profiles:** Ridge-Lok
- ▶ **Width:** 42 in. (1065 mm)
- ▶ **Thickness:** 2.5, 3, 4, 5, 6 in. (64, 76, 102, 127 and 152 mm)
- ▶ **Gauge:** 26-ga. (0.0179 in, 0.454 mm) or heavier (interior and exterior facings)
- ▶ **Finish:** embossed or smooth

### TEST PROTOCOL

- ▶ Approval Standard for Class 1 Panel Roofs. Class Number 4471, March 2010

### TEST LOCATION:

- ▶ FM Approvals, 743 Reynolds Road, West Glocester, RI 02814

### REPORT NUMBER:

- ▶ 3059105

### LISTING:

PRODUCT	THICKNESS / SECUREMENT	WIDTH	MAX SLOPE	HAIL RESISTANCE RATING	WIND LOAD RATING	MAX SUPPORT STEEL SPACING	MIN SUPPORT STEEL THICKNESS	MIN SUPPORT STEEL YIELD STRESS
PAC-CLAD INSULATED METAL PANELS (RIDGE-LOK)	2.5 - 6.0 IN. (64 - 150 MM) SEE BELOW FOR FASTENING	42 IN. (1067MM)	5:12	SEVERE HAIL (SH)	CLASS 1-105	60 IN. (1524 MM), 5'-0"	14 GA., 0.075 IN. (1.80 MM)	34 KSI (234 MPA)

PAC-CLAD Insulated Metal Roof Panel (Ridge-Lok) minimum 0.0179 (0.454) mm thick prefinished (optional) Galvalume® steel facers installed over steel structural members as indicated in the table above. Three (3) Green Span Shoulder Screw fasteners "secret-fastened" through RidgeLine SSR Panel Clip spaced 42 in. (1066.8mm) on center and in rows spaced maximum 60 in. (1.5m) on center.

**Green** - This product contains no CFC or HCFC.

**Green** - This product contains no urea-formaldehyde.



**Company Name:** Petersen Aluminum Corporation  
**Company Address:** 1005 Tonne Road, Elk Grove Village, IL 60007  
**Company Website:** www.pac-clad.com  
**Green Product:** Yes  
**Primary Class of Work:** 4471-Exterior Roof Systems  
**Listing Country:** United States of America  
**Certification Type:** FM Approved

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ETB-0015

