

INSULATED Panels

Hi-Rib Roof & Wall Panel

RHR-9000 SERIES

FOR A ONE PIECE ROOF PANEL SYSTEM OR AN EXTERNAL WALL SYSTEM

This versatile insulated panel is equally impressive for exterior roof or wall applications, offering the most efficient insulation values available. The RHR-9000 panel is designed for use on industrial, commercial and institutional buildings for new and retrofit roof and wall applications. The RHR-9000 panel is the product of choice when speed of erection, light weight and thermal efficiency are required

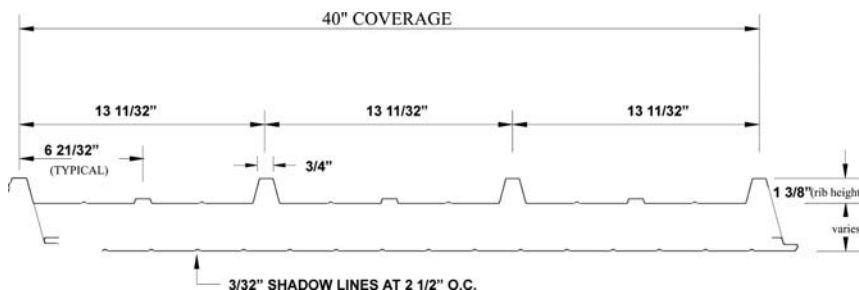
DESIGN FEATURES:

- Manufactured on continuous flow, fully automated line producing superior panels of uniform quality.
- Panel arrives on site complete and ready to be installed. This reduces erection time and eliminates installation errors.
- Composite panels have an added advantage in that they may be installed in practically all weather conditions – hot or cold, dry or wet, thus saving construction time and cost.

High-rib design provides maximum strength characteristics.



Steel skins chemically bonded to the polyurethane foam core prevents internal condensation and helps retain insulation values.



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PRODUCT DESCRIPTION

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SPECIFICATIONS

Panel Thickness: 1", 1.5", 2", 2.5", 3", 4" and 5"

R-value by ASTM C-236: 10.2, 14.2, 18.2, 22.2, 26.2, 34.2, and 42.2

Panel Width: 40"

Panel Length: 48' 0" standard maximum

Insulation Material: Foamed in-place urethane with nominal density of 2.4 lbs./cu.ft.

Joint Configuration: Overlapping rib

Accessories: Flashings, sealants, and fasteners are available.

Panel Exterior: Standard is 26 ga. Stucco embossed G-90 galvanized steel with PPG Duranar® PVDF finish for commercial/industrial applications, and PPG Durafin 2000™ High Performance Coating for cold storage applications. Both finishes offer excellent value with 20 year warranted performances.

Panel Interior: Standard is 26 gauge stucco embossed G-90 galvanized steel with PPG Durafin 2000™ High Performance Coating, USDA accepted, warranted for 20 years in areas requiring heavy wash down*.

Customer Options: Other gauges in steel or other materials; a choice of 8 standard PVDF colors and custom color coating to match customer color samples.

* Subject to terms & conditions of coating warranty agreement.

CORPORATE HEADQUARTERS

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IPS-9000:2010

MATERIAL TESTING

This product has been extensively tested for compliance with various industry standards and building safety codes.

Fire Performance – RHR Series panels have passed the Factory Mutual full scale corner test (including ASTM E-84 and D-1929) and are approved for unlimited weights.

Thermal Transmission – Panels have been tested for insulating values in accordance with ASTM C-236/C-1363 methods.

Air Infiltration – Panels joints have been tested for air penetration in accordance with ASTM E-283.

Water Infiltration – Panel joints have been tested for water penetration in accordance with ASTM E-331.

Structural– Panels have been tested per ASTM E-72 methods. Roof panels have been tested per FM I-90 and UL uplift criteria.

WARRANTY

All products are warranted to be free from defects in material and workmanship for a period of one year from the date of shipment in accordance with the terms and conditions in our "Limited Warranty". The coverage period of the "Limited Warranty" may be extended by Rigid Global Buildings at time of issue.



www.RigidBuilding.com