

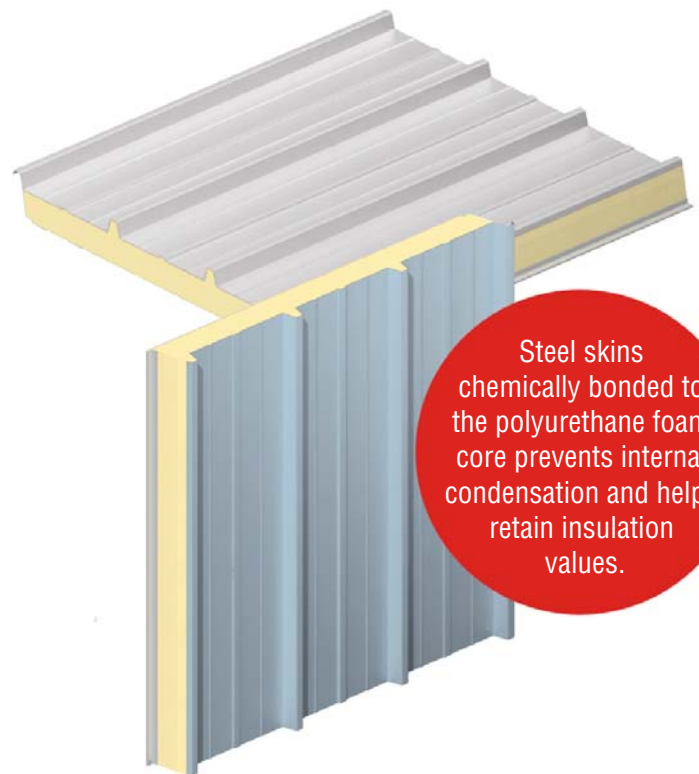
INSULATED Panels

RHR-9000 SERIES

Hi-Rib Roof & Wall Panel

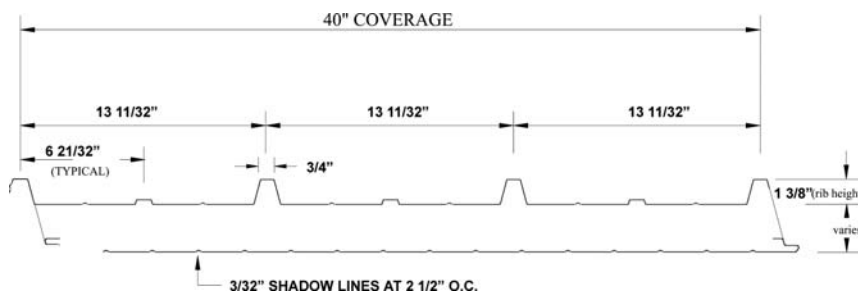
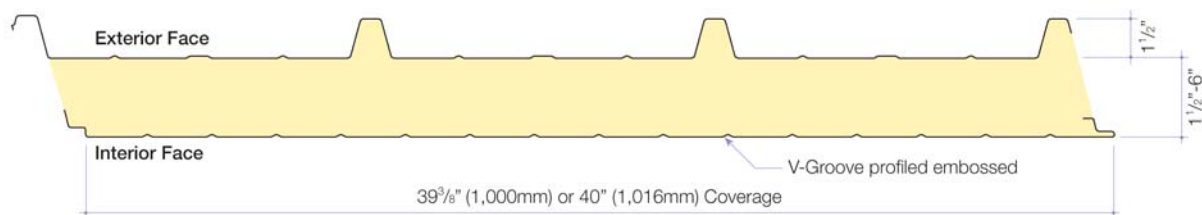
FOR A ONE PIECE ROOF PANEL SYSTEM OR AN EXTERNAL WALL SYSTEM

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:

- High-Rib design provides maximum strength characteristics and superior spanning capability allowing for reduced secondary steel supports.
- 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.



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RHR-9000 SERIES - Hi-Rib Roof & Wall Panel

PRODUCT DESCRIPTION

This versatile insulated panel is equally impressive for 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.

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

SPECIFICATIONS

<u>Panel Thickness:</u>	2", 2.5", 3", 4", 5" and 6"
<u>R-value by ASTM C-236:</u>	7.2 per inch at 75°F / 8.0 per inch at 35°F
<u>Panel Width:</u>	39 3/8" and 40" Standard
<u>Panel Length:</u>	10'0" - 48'-0" Standard
<u>Insulation Material:</u>	Foamed in-place urethane with nominal density of 2.4 lbs./cu.ft.
<u>Joint Configuration:</u>	Overlapping rib
<u>Accessories:</u>	Flashings, sealants, and fasteners
<u>Panel Exterior:</u>	26/24/22 gauge recurring box sectional profiled Embossed or Non-Embossed steel, AZ50 Galvalume® or G90 galvanized.
<u>Panel Interior:</u>	26/24/22 gauge V-Groove profiled Embossed or Non-Embossed steel, AZ50 Galvalume® or G90 galvanized.
<u>Customer Options:</u>	20 gauge is available upon request.



MATERIAL TESTING

Test	Procedure	Results
Fire	FM 4880	Class 1 fire rating of insulated wall or wall and roof panels, and exterior wall systems.
	ASTM E84	Flame Speed: 25 or less - Smoke Developed: 450 or less
	ULC-S102	Standard method of test for surface building characteristics of building materials & assemblies
	ULC-S126	Standard method of test for fire spread under roof deck assemblies
Wind Uplift	FM 4771	Minimum 1.5" panel rated at 1-105 over 14 gauge purlins 6' on center
	UL 580 Class 90	Minimum 2" panel rated UL-90 over 16 gauge purlins 7' on center
Thermal Transmission	ASTM C518	2"R=15 / U=0.067 2.5"R=19 / U=0.053 3"R=24 / U=0.042 4"R=32 / U=0.031 5"R=41 / U=0.024 6"R=49 / U=0.020
Air Infiltration	ASTM E283	0.003CFM/ft ² of panel area at 6.24 psf
Water Penetration	ASTM E331	No penetration at 20.0 psf

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.

* Subject to terms & conditions of coating warranty agreement.

CORPORATE HEADQUARTERS

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