

HR3

Product Data Sheet HR Series Roof Panels



HR3 roof and wall panels are an economical solution compared to field assembled High Rib roof applications.

This 40" wide panel installs quickly and easily by through fastening into supporting members. A unique EPDM gasketed saddle washer allows the fastener to be located at the standing ribs and out of shed water.

FEATURES AND BENEFITS

- The panel's overlapping joint is self-aligning and allows for easy sealant application at the panel joinery.
- The standard exterior metal surface is smooth 26ga G-90 galvanized steel with standard PVDF and SMP exterior coatings (other coatings may be available).
- The standard interior metal surface is embossed 26ga Imperial White.
- The panel arrives on site in one piece and requires a simple one step installation reducing construction time and costs.

PRODUCT PARAMETERS

Panel Thickness:				
1.5"	2.5"	4"	5"	6"
Insulating Values (R):**				
12	20	32	41	49

Panel Width: 40"

Panel Length: 8' min to 50' maximum based on a 48' flatbed trailer length. Consult your sales representative for other available lengths..

Insulation Material: CFC-free foamed-in-place polyisocyanurate foam 2.1 to 2.5 pcf density.

Joint Configuration: overlapping with exposed fasteners and saddle clips.

Metal facings: 26ga galvanized steel (22ga, 24ga available).

Coatings: PVDF & SMP (other coatings available).

Accessories: fasteners, saddle fastener clips, sealants, brake formed flashings.

TESTED & APPROVED

Ascent Buildings, LLC's products have been extensively tested under a variety of North American standards:

FM 4880: Class 1 Fire Rating

FM 4471: Class 1 Roof Assembly

CAN/ULC S102: Flame Spread

CAN/ULC S126: Flame Spread (Roof) **ASTM**

C518/C1363: Thermal Transmission **ASTM**

E1646: Water Penetration

ASTM E1680: Air Infiltration

ASTM E72: Structural Strength

FLORIDA APPROVED



***R-Value tested in accordance with ASTM C518/C1363 at 40°F mean temperature, adjusted for a windspeed of 15 mph.*

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