

HR5

Product Data Sheet HR Series Roof Panels



HR5 roof panels are an economical alternative to field assembled High Rib roof applications. This 5 Rib profile allows for long span requirements and/or severe loading conditions.

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.

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

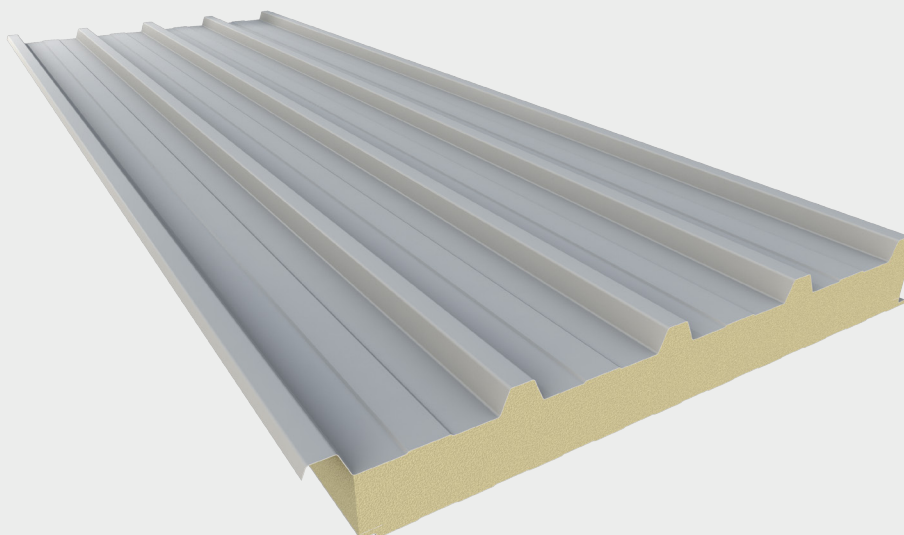
ASTM E1680: Air Infiltration

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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