ASCENT
BUILDINGS

INNOVATIVE.
ADAPTABLE.
ENERGY EFFICIENT.

SR2

Product Data Sheet

Standing Seam Roof Panel

The look of traditional standing seam integrated with the benefits of an insulated metal panel - a great alternative to field assembled roofing components.

FEATURES AND BENEFITS

- Field seamed, hidden fastener joinery provides maximum protection against the elements.

- The trapezoidal rib design provides added strength against potential foot traffic damage compared to other standing seam roof products.

- 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:			
3.25"	4"	5"	6"
Insulating Values (R):**			
26	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: 90^0 field seamed.

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

Coatings: PVDF & SMP (other coatings available).

Accessories: fasteners, standing seam clip assemblies, 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**
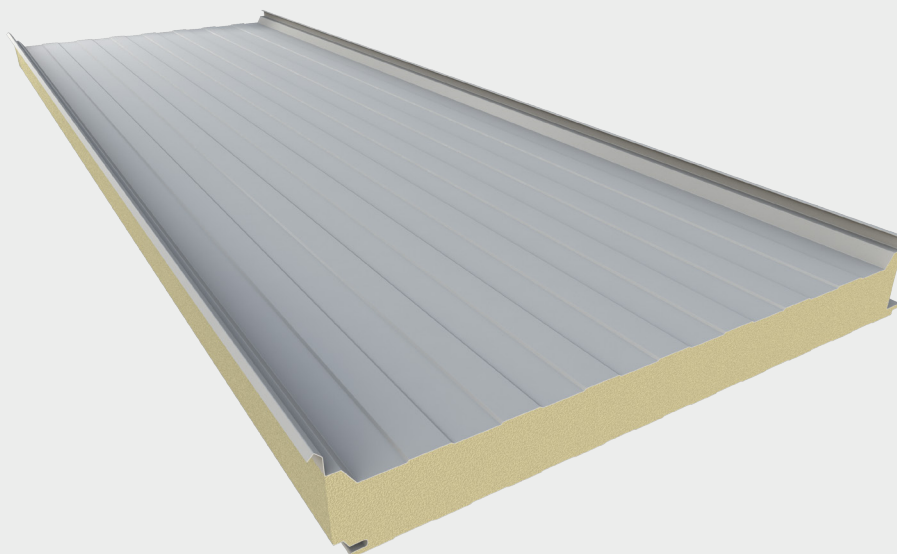**C518/C1363:** Thermal Transmission **ASTM**
E1646: Water Penetration
ASTM E1680: Air Infiltration
ASTM E72: Structural Strength

FLORIDA APPROVED

FM
APPROVED

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

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