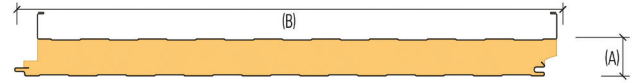
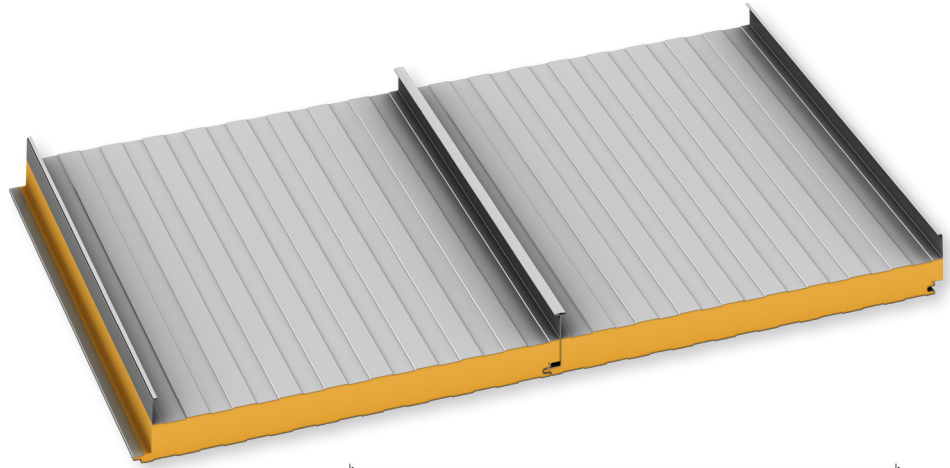
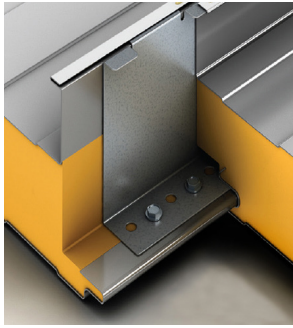
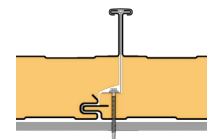


Isoleren RL



PANEL CROSS-SECTION



PANEL SIDELAP

- Exterior Profile: Isoleren RL
- Interior Profile: Isoleren ML
- Rib Type: 2.375" tall, tee-shaped rib with separate batten
- Attachment: Mechanically seamed rib with clip
- Exterior Gauge: 26, 24, 22
- Interior Gauge: 26
- Substrate: Galvalume®, G90 Galvanized and Stainless Steel
- Exterior Finish: Kynar 500® PVDF or Hylar 5000® PVDF, standard gloss
- Interior Finish: Polyester, standard gloss (USDA White)
- Coverage Width (B): 42-inch
- Thickness (A): 2.5, 3, 4, 5, and 6-inch
- Exterior Texture: Smooth
- Interior Texture: Embossed or Smooth
- Core: Continuously poured-in-place, polyisocyanurate, insulating foam
- K-factor: 0.138 Btu-in/hr-ft²-F° @ 75° F mean temperature (R-7.25)
0.129 Btu-in/hr-ft²-F° @ 35° F mean temperature (R-7.75)
- Weight, Insulation: 2.50 pounds per cubic foot (nominal)
- Weight, Steel: 2.00 pounds per square foot (nominal)
- Standard Lengths: 12'-0" to 53'-0"
- Minimum Slope: 1/2:12
- Note: All information subject to change without notice. Please reference website for most current data.

TESTING

TYPE	TEST PROTOCOL	DESCRIPTION
ENVIRONMENTAL PERFORMANCE	ASTM C518	Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
	ASTM E1680	Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Difference Across the Specimen
	ASTM E1646	Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure
FOAM CORE CHARACTERISTICS	ASTM C273	Shear Properties of Sandwich Core Metals
	ASTM D1621	Compressive Properties of Rigid Cellular Plastics
	ASTM D1622	Apparent Density of Rigid Cellular Plastics
	ASTM D1623	Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics
	ASTM D6226	Open Cell Content of Rigid Cellular Plastics
FIRE RESISTANCE	ASTM E84	Surface Burning Characteristics of Building Materials
ENGINEERING PROPERTIES	ASTM E1592	Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference
	ASTM E72	Strength Tests of Panels for Building Construction

