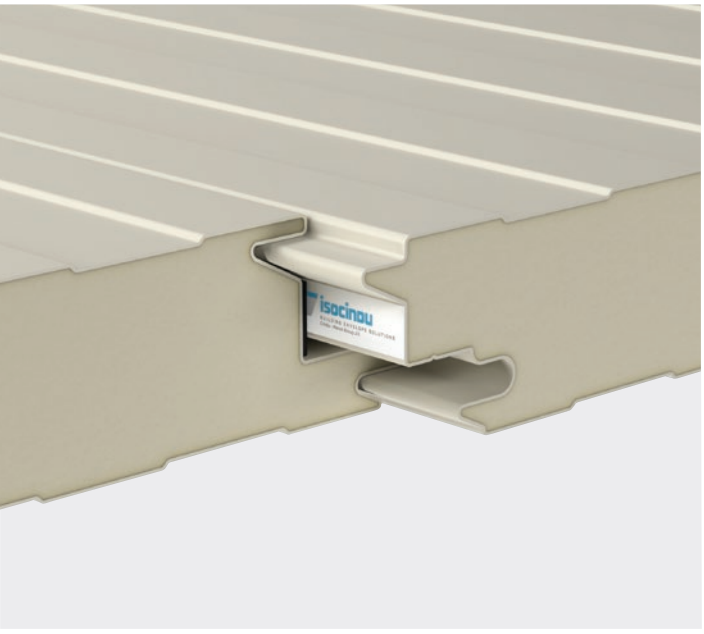
ISOFORT

Wall Panel

Box / Striated / Flat



Features

A double-steel sheet wall panel, with polyisocyanurate rigid foam. Advanced double-joint system and internal and external mechanical seals ensure exceptional performance, including a high load capacity. External faces available in striated, box, and flat profiles. The internal face is standard with the box profile (contact us for other options).

Options

Isofort offers various thickness options (2.5" to 8"), widths (36", 39", 42"), and gauges (22, 24, 26) to suit different project needs. It's designed to withstand harsh weather conditions and features a hidden joint for a seamless, waterproof finish.

Benefits

- Double joint advanced design
- 3 different standard widths
- Internal and external mechanical seals
- High thermal resistance for controlled temperatures
- Up to 8" thick

Specifications

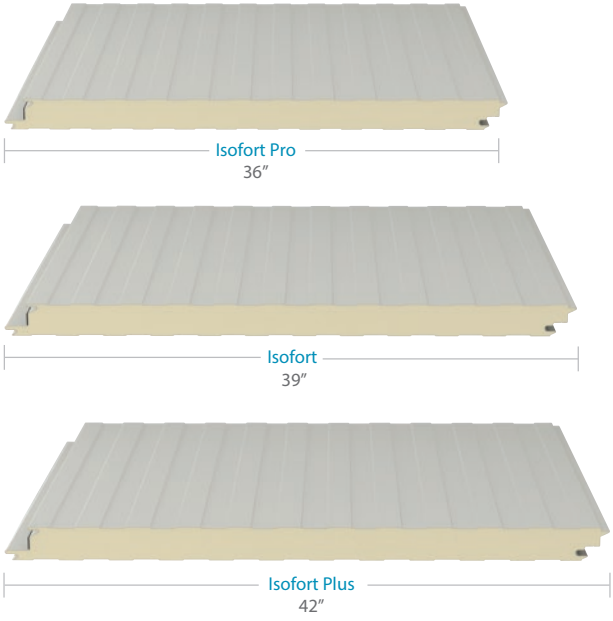
Standard Lenght:	Typical panel lenght is 19' up to a maximum of 53' (Subject to transportation limitations)
Width	36" / 39" / 42"
Joint:	Interconnecting male/female
Thickness:	2½" 3" 4" 5" 6" 8"
Steel Gauge:	22 / 24 / 26 (Internal and external faces)
Exterior Face:	Pre-painted Coated Steel (ASTM A653)
Interior Face:	Pre-painted Coated Steel (ASTM A653)
Foam Density:	2.49 LB/FT 3
Exterior Finish:	Automotive Polyester Coating
Interior Finish:	Automotive Polyester Coating
Joint Type:	Hidden Joint

For trims and accessories, ask your sales rep or contact Isocindu for more information and availability.

Suitable for

Isofort can be used with the correct specifications for:

Industrial | Cold Storage | Commercial | Residential | Architecture



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Thermal Insulation

R	Panel Nominal Thickness (in) 2½"	3"	4"	5"	6"	8"
PIR - 75° F Mean Temp (23.9 °C) According to ASTM C518						
m²K/W	3.10	3.72	4.96	6.20	7.44	9.92
H ft² F/Btu	17.61	21.13	28.17	35.21	42.25	56.34
PIR - 35° F Mean Temp (1.67 °C) According to ASTM C518						
m²K/W	3.46	4.16	5.54	6.93	8.32	11.09
H ft² F/Btu	19.69	23.62	31.50	39.37	47.24	62.99

Dimensional Tolerance

Lenght	L ≤ 9' 10" ± ⅛" L > 9' 10" ± ⅜"	**Perpendicularity Deviation**	¼"
Working Lenght	± 2 mm	**Misalignment of the internal metal surfaces**	± ⅛"
Thickness	D ≤ 4" ± 1 1/16" D > 4" ± 2 %	**Bottom Sheet Coupling**	F = 1 + ⅛"

L = working length, D = panel thickness, F = sheet coupling

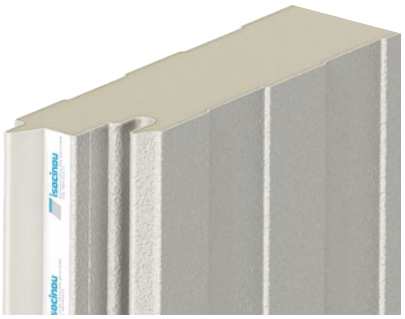
"The load chart above does not apply to ceilings. Project-specific load calculation requirements must be determined by the design team and/or structural engineer.

External Face Profile

For striated and flat profiles, it is recommended to use Ga 24 or higher.

Flat

Striated



Box

Fixing System