



**ALL WEATHER
INSULATED PANELS**

INNOVATIVE.
ADAPTABLE.
ENERGY EFFICIENT.

ST40

Product Data Sheet Striated Wall Panels



Our Striated wall panels offer an extremely economical exterior or interior solution where a flat, clean appearance is desired. The nominal embossed striations add rigidity and ensure an acceptable flatness tolerance.

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 embossed 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:			
2"	2.5"	3"	4"
Insulating Values (R):**			
16	20	24	32

Standard Panel Width: 40" (36" available)

Panel Length: from 8' to 40' maximum.

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

Joint Configuration: offset tongue and groove with concealed fastener.

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

Coatings: PVDF & SMP (other coatings available).

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

Available in fire 1-hour rated panel: ST40-F (4.5" R-32)

TESTED & APPROVED

All Weather Insulated Panels' products have been extensively tested under a variety of North American standards:

- FM 4880:** Class 1 Fire Rating
- FM 4881:** Class 1 Exterior Wall System
- CAN/ULC S101:** Fire Endurance
- CAN/ULC S134:** Fire Test of Exterior Wall Assemblies
- ASTM C518/C1363:** Thermal Transmission
- ASTM E283:** Air Infiltration
- ASTM E331:** Water Penetration
- ASTM E72:** Structural Strength
- ASTM E84:** Flame Spread
- AAMA 501.1:** Air/Water Infiltration

Miami-Dade County Product Control 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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