

FL40 Flat Wall Panel

PRODUCT PARAMETERS

Panel Thickness:		
2"	2.5"	3"
Insulating Values (R):**		
16	20	24

Panel Width: 40" (36" available)

Panel Length: 8' minimum to 32' 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: 22-gauge (exterior) and 26-gauge (interior)

Coatings: PVDF & SMP (other coatings available)

Accessories: Fasteners, clips, sealants and brake-formed flashings

Available in 1-hour fire-rated panel: FL40-F (4.5" R-32)

TESTED & APPROVED

The insulated panel 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

Florida Approved



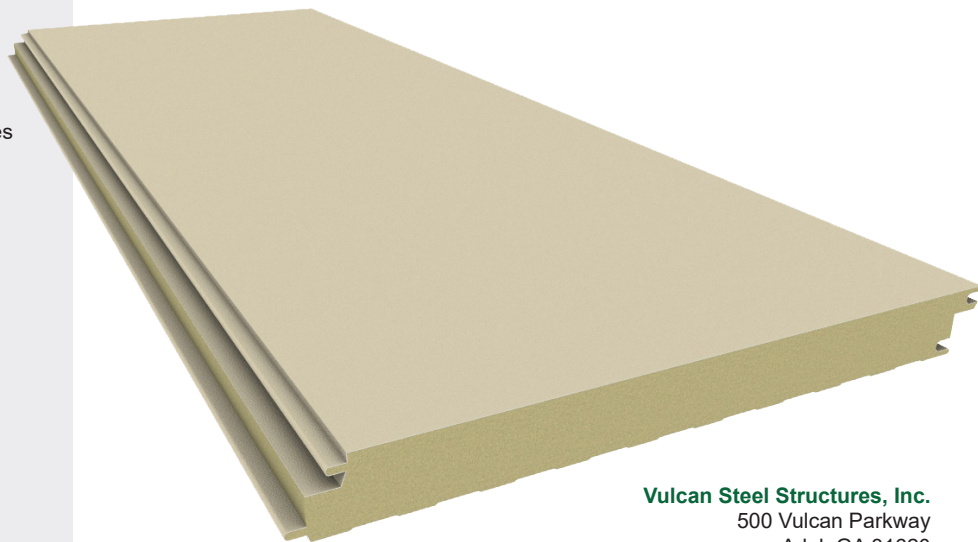
**R-Value tested in accordance with ASTM C518/C1363 at 40°F mean temperature, adjusted for a windspeed of 15 mph.

INNOVATIVE. ADAPTABLE. ENERGY EFFICIENT.

FL40 flat wall panels are produced with a standard embossed face and offer a perfect solution for designers seeking a high-end architectural look with all the thermal benefits that insulated metal panels offer.

FEATURES AND BENEFITS

- Can be installed either vertically or horizontally. The horizontal assembly incorporates a clean, simple end joint design that utilizes a unique self-aligning pre-painted aluminum extrusion.
- The panel's overlapping joint is self-aligning and allows for easy sealant application at the panel joinery.
- The standard exterior metal surface is 22-gauge embossed G-90 galvanized steel with standard PVDF and SMP exterior coatings (other coatings may be available).
- The standard interior metal surface is embossed 26-gauge Imperial White.
- The panel arrives on-site in one piece and requires a simple one-step installation, reducing construction time and costs.



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