



INNOVATIVE.  
ADAPTABLE.  
ENERGY EFFICIENT.

# DM40

## Product Data Sheet

### Mesa Wall Panels



Our Mesa profile panel is the perfect economical choice for exterior / interior wall and ceiling applications on industrial and cold storage buildings.

#### FEATURES AND BENEFITS

- The low profile linear exterior surface simplifies flashing connections designed to inhibit moisture vapor transmission compared with other deep fluted products on the market.
- The additional mesa profile on the interior face makes this panel particularly suited for thicker, long-length walls.
- 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"	5"	6"
Insulating Values (R):**					
16	20	24	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:** offset tongue and groove with concealed fastener.

**Metal facings:** 26ga galvanized steel (22ga, 24ga galvanized steel available. 26ga stainless steel available for interior use).

**Coatings:** PVDF & SMP (other coatings available).

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

*Available in fire 1-hour rated panel: DM40-F (4.5" R-32)*

#### 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 4881:** Class 1 Exterior Wall System **CAN/ULC S101:** Fire Endurance
- CAN/ULC S127:** Flammability
- 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.*



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