

# HE42- MF

## Product Data Sheet

### Heavy Embossed Mineral Fiber Fire Rated Wall Panels



The distinctive pattern of our Heavy Embossed profile makes this fire rated panel ideal for exterior walls of industrial or commercial facilities where a non-profiled appearance is desired.

#### FEATURES AND BENEFITS

- Heavy embossment adds rigidity to the surface and maintains a patterned flat appearance.
- The panel can be installed with a pre-painted finish or may be field sprayed with a textured or stucco-style elastometric coating to create further character.
- The panel's overlapping joint is self-aligning and allows for easy sealant application at the panel joinery.
- The standard exterior metal surface is 24ga G-90 galvanized steel with standard PVDF and SMP exterior coatings (other coatings may be available).
- The standard interior metal surface is 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:		
4"	6"	8"
Insulating Values (R):**		
15	22	29
Hourly Fire Rating:		
1	2	3

**Panel Width:** 42"

**Panel Length:** 6' min to 40' maximum

**Insulation Material:** Mineral Wool

**Joint Configuration:** tongue and groove with concealed fastener, or standard interior joint

**Metal facings:** 24ga galvanized steel

**Colors:** Imperial White, Sandstone, Regal White, Surrey Beige

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

#### TESTED & APPROVED

*Ascent Buildings, LLC's products have been extensively tested under a variety of North American standards:*

- CAN/ULC S101:** Fire Endurance
- CAN/ULC S102:** Mineral Fiber Core
- CAN/ULC S115:** Fire Penetration
- ASTM C518:** Thermal Transmission
- ASTM E283:** Air Infiltration
- ASTM E331:** Water Penetration
- ASTM E72:** Structural Strength
- ASTM E84:** Flame Spread
- ASTM E814:** Fire Penetration
- ASTM D1623:** Bond Strength
- AAMA 501-94:** Air/Water Infiltration
- NFPA 251:** Fire Resistance
- UL 263:** Fire Resistance

*\*\*R-Value tested in accordance with ASTM C518 at 70°F mean temperature, adjusted for a windspeed of 15 mph.*



#### U.S.A

214 Fountainhead Road  
Portland, TN 37148  
888-507-9568  
[ascentbuildings.com](http://ascentbuildings.com)