

METAL INSULATION DECORATIVE **OUTDOOR** PANELS

PRODUCT OVERVIEW:

Metal Insulation Decorative Outdoor Panels are a high-performance exterior wall cladding system that offers thermal insulation, weather resistance and aesthetic appeal in one durable and cost-effective solution. Suitable for both new construction and renovation. They help reduce energy bills and enhance building exteriors.

KEY BENEFITS :

- >> Energy Efficient: Keeps buildings cooler in summer and warmer in winter.
- >> Strong & Durable: Aluminized steel surface resists weather and wear.
- >> Moisture-Proof: Prevents mold, condensation, and humidity damage.
- >> Light-weight: Reduces structural load and installation time.
- >> Safe & Eco-Friendly: No toxic materials, radiation, or pollution.
- >> Stylish Appearance: Available in wood, stone, brick, and custom finishes.
- >> Low Maintenance: Resistant to fading, rust, corrosion, and dirt.

APPLICATIONS :

- >> Villas and Residential Buildings
- >> Commercial and Office Buildings
- >> Schools, Hospitals, and Institutions
- >> Prefab Buildings and Containers
- >> Renovation of old Facades

AVAILABLE FINISHES :

- >> Wood Grain
- >> Stone Texture
- >> Brick Design
- >> Custom Printed Patterns

(All finishes available in matte glossy, or embossed textures)



AVAILABLE SHADES:

STUCCO MARBLE TEXTURE

MB-01-009

16MM X 383MM X 2900MM



STACKED STONE TEXTURE

MB-01-008

16MM X 383MM X 2900MM



LIGHT BROWN BRICK PATTERN

BR-04-006

16MM X 383MM X 2900MM



OAK BEIGE WOOD TEXTURE

BK-03-009

16MM X 383MM X 2900MM



RUSTIC WOOD GRAIN FINISH

BK-04-007

16MM X 383MM X 2900MM

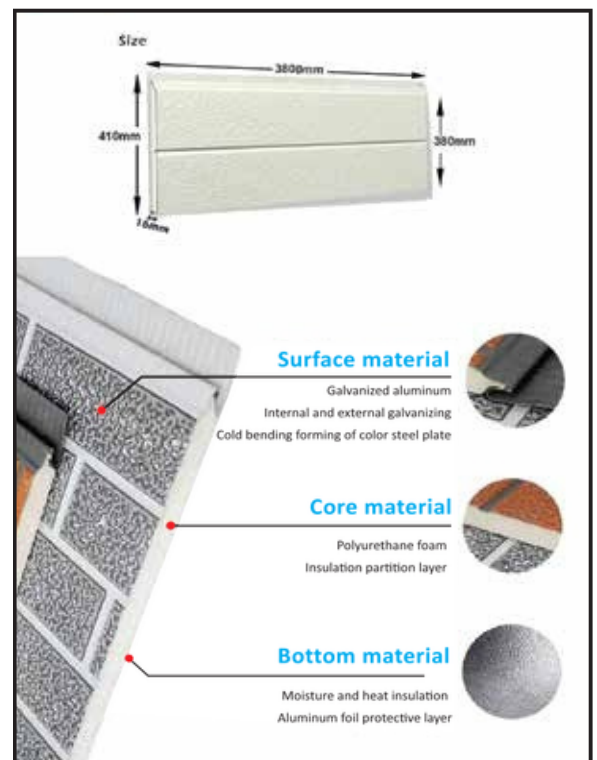


TECHNICAL SPECIFICATIONS

LAYER	MATERIAL	FUNCTION
Surface Layer	Aluminium (0.27–0.30 mm)	Strength, weather protection, decoration
Insulation Core	Rigid Polyurethane Foam (PU)	Thermal insulation, fire resistance
Backing Layer	Aluminum Foil / Glass Fiber Fabric	Moisture barrier, added strength
Ventilated Air Gap	Structured cavity	Constructs insulation bridge, humidity control

PRODUCT SPECIFICATIONS

ITEM	SPECIFICATION
Panel Thickness	16 mm ± 1 mm
Panel Width	383 mm ± 1 mm
Panel Length	Custom (Typically 2900 mm)
Panel Weight	Approx. 3.7–4.2 kg/m ²
Surface Coating	Polyester baked finish
Thermal Conductivity	≤ 0.024 W/(m · K)
Service Life	45+ years
Recyclability	99.9%



For Inquires :

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