

Wpc Louvers Wall Panel Customizable Wpc Wall Panel Board For Eco Friendly Wpc Wall Cladding Outdoor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: HB-DECOR
- Certification: FSC、LEED、GREENGUARD
- Minimum Order Quantity: 100m²
- Price: Negotiable
- Delivery Time: 10days after receive deposit
- Payment Terms: L/C,T/T,D/A,D/P,Western Union,MoneyGram
- Supply Ability: 40CONTAINERS PER MONTH



Product Specification

- Product Name: Wpc Wall Panel Board
- Eco-Certifications: FSC、LEED、GREENGUARD
- Thickness: Customizable
- Width: Customizable
- Application: Wpc Wall Cladding Outdoor
- Material: WPC
- Highlight: Customizable Wpc Louvers Wall Panel,
Eco Friendly Wpc Louvers Wall Panel,
Outdoor Wpc Louvers Wall Panel

Product Description

Wpc Wall Panel Board Wpc Louvers Wall Panel Wpc Wall Cladding Outdoor

HB presents an engineered WPC wall panel system combining structural cladding boards with integrated louver functionality for high-performance exterior applications. Our patented multi-layer co-extrusion technology delivers:

Key Technical Attributes:

- Material Composition - 60% wood fiber reinforced HDPE core with ASA protective surface layer
- Weather Resistance - Class 4 UV stability (ISO 4892-3), -30°C to 80°C operational range
- Structural Performance - 18MPa flexural strength (EN 310), 650kg/m³ density

System Features:

Integrated louver panel option (15-45° adjustable)
Concealed aluminum substructure compatibility
Pre-finished in 8 RAL-standard colors
Fire rating up to B-s1,d0 (EN 13501-1)

Applications

- ✓ Facade Cladding Systems
- ✓ Adjustable Solar Louvers
- ✓ Balcony Privacy Screens
- ✓ Terrace Wind Barriers
- ✓ Poolside Deck Walls
- ✓ Exterior Feature Walls
- ✓ Ventilated Rainscreens
- ✓ Landscape Partition Walls
- ✓ Commercial Perimeter Screening
- ✓ Noise-Reduction Barriers

Specification

Category	Parameter	Details
Material	Composition	60-70% Wood Fiber, 30-40% HDPE/PP/PVC, UV Stabilizers, Fire Retardants
	Density	1.2-1.4 g/cm ³
Dimensions	Length	2,000-6,000 mm (Customizable)
	Width	100-300 mm (Standard: 150mm, 200mm)
	Thickness	10mm, 12mm, 15mm, 20mm (±0.3mm Tolerance)
	Flute Depth	3mm, 5mm, 8mm (Vertical/Horizontal Grooves)
Performance	Water Absorption	<0.5% (24h Immersion)
	Thermal Expansion	0.05-0.1% per °C (30-80°C Range)
	Fire Rating	Class B1 (GB8624-2012) / UL94 V-2
	UV Resistance	≥5 Years Fade-Free (QUV Accelerated Testing)
Surface	Color Options	Wood Grain (Teak, Oak, Gray, etc.), Custom RAL/Pantone Matched
	Texture	Embossed, Smooth, Brushed
Installation	Mounting System	Hidden Clips, Aluminum Rails, or Direct Screw Fixing
	Battens Spacing	300-600 mm (Recommended for Load Capacity)
Certifications	Standards	ISO 9001, ISO 14001, CE, FSC® (Optional)
Packaging	MOQ	100 m ² (Palletized, Weatherproof Wrapping)
	Lead Time	15-30 Days (Depending on Customization)

HB-DECOR Focus on Life **HAINING HAOBO BUILDING MATERIALS CO.,LTD**

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