

Customizable Width WPC Decorative Wall Panel Interclad Decorative Louver Panels Eco-Certifications FSC LEED GREENGUARD

Our Product Introduction

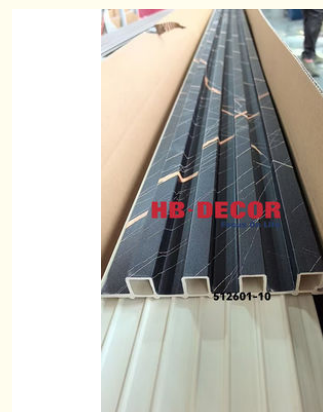
Basic Information

- 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: Interclad Decorative Louver Panels
- Eco-Certifications: FSC、LEED、GREENGUARD
- Width: 100mm-300mm Customizable
- Flute Depth: 3mm , 5mm , Etc
- Application: Decorative Wall
- Material: WPC
- Highlight: LEED WPC Decorative Wall Panel,
FSC WPC Decorative Wall Panel ,
Customizable Width WPC Decorative Wall Panel



Product Description

Wpc Decorative Wall Panel Interclad Decorative Louver Panels

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/cm³
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 m² (Palletized, Weatherproof Wrapping)
	Lead Time	15-30 Days (Depending on Customization)

Redefine architectural aesthetics with HB-DECOR InterClad WPC Louver Panels, the innovative solution blending decorative appeal with engineered performance. Our precision-crafted panels deliver dynamic sun control and visual privacy while maintaining superior weather resistance.

Key Benefits:

- ✓ Architectural Versatility - Adjustable louver angles (15°-60°) for customized light & privacy control
- ✓ All-Weather Durability - UV-resistant composite withstands extreme temperatures (-40°C to 70°C)
- ✓ Maintenance-Free Beauty - Real wood grain finishes without sealing or repainting
- ✓ Sustainable Design - 65% recycled content with Class A fire rating

Premium Applications:

- Modern building facades
- Rooftop terrace screens
- Parking garage ventilated cladding
- Luxury residence privacy screens

HB-DECOR Advantages:

12mm/16mm structural thickness options
Integrated drainage channels
Pre-assembled modular systems
15-year performance guarantee
Design without compromise – download our BIM files for seamless project integration!

Technical Highlights:

Sun Control - Reduces solar heat gain by up to 40%
Acoustic Benefits - 26dB sound reduction rating
Wind Load Certified - Up to 2500Pa resistance
Available in standard 300mm/450mm widths with custom powder-coated finishes. Contact our design team for project-specific solutions!

This version:

Targets architects with technical specifications
Highlights multiple performance benefits
Includes measurable performance data
Strong call-to-action for project support
Emphasizes premium positioning
Need wind tunnel test reports or structural calculations? Our engineering team provides full technical support.