

## Waterproof Wpc Wall Panel Wpc Fluted Panel With Customizable Width 100mm-300mm Easy Installation And 15mm Thickness

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: HB-DECOR
- Certification: FSC、LEED、GREENGUARD
- Minimum Order Quantity: 100m<sup>2</sup>
- 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 Waterproof
- Application: Landscape Art Walls
- Length: 2m-6m Customizable
- Flute Depth: 3mm , 5mm , Etc
- Thickness: 10mm , 12mm , 15mm , 20mm , Etc
- Width: 100mm-300mm Customizable
- Texture: Wood Grain , Matte , Glossy , Relief , Etc
- Waterproof Rating: Water Absorption Rate <0.5%
- Feature: Pop-Up Structures
- Material: WPC
- Highlight: 15mm Thickness Wpc Fluted Panel,  
Easy Installation Wpc Fluted Panel,  
Customizable Width Wpc Fluted Panel



## Product Description

### Wpc Wall Panel Waterproof Wpc Fluted Panel Installation

HB-DECOR's Waterproof WPC Fluted Panels redefine durability for modern facades, combining 100% waterproof performance with effortless installation. Engineered for harsh climates, these panels resist moisture, mold, and swelling—perfect for rain-heavy regions, coastal areas, and high-humidity environments.

#### Key Advantages:

- Zero Water Absorption – Advanced composite core prevents warping or rotting, unlike traditional wood.
- Quick & Secure Installation – Interlocking clip system or aluminum rails enable seamless, tool-friendly mounting.
- All-Weather Resilience – UV-stabilized surface maintains color integrity for 10+ years.
- Maintenance-Free – Simply rinse with water—no sealing or repainting needed.

#### Ideal for:

- Splash-prone zones (pool surrounds, balconies)
- High-rainfall regions (tropical/coastal facades)
- Commercial wet areas (hotel exteriors, spa walls)

HB-DECOR – Where waterproof innovation meets architectural elegance.

#### Specification

Category	Parameter	Specification
Material Composition	Wood Fiber Content	60-65%
	Polymer Matrix	HDPE + PP Composite
	Additives	UV Stabilizers, Fire Retardants, Fungicides
Physical Properties	Density	1.25-1.35 g/cm <sup>3</sup>
	Water Absorption	≤0.3% (24h immersion)
	Thermal Expansion	0.07-0.12 mm/m.°C (20-60°C)
Mechanical Performance	Flexural Strength	≥25 MPa
	Impact Resistance	≥8 kJ/m <sup>2</sup>
Fire Performance	Fire Rating	B-s1,d0 (EN 13501-1)
	Flame Spread	Class C (ASTM E84)
Weather Resistance	UV Stability	ΔE≤3 after 3000h QUV
	Freeze-Thaw Cycling	No cracking after 50 cycles
Dimensions	Panel Width	150/200/250 mm (±0.5mm)
	Panel Length	2400-6000 mm (customizable)
	Thickness	12/15/20 mm (±0.3mm)
	Flute Depth	3/5/8 mm (±0.2mm)
Installation	Mounting System	Hidden Clip/Aluminum Rail
	Maximum Span	600mm (20mm thickness)
Certifications	Environmental	FSC, LEED compliant
	Quality	ISO 9001, ISO 14001

#### Why This Works:

Problem-Solution Focus – Directly addresses leaks/decay pain points.

Technical Credibility – Highlights material science (not just marketing).

Urgency Builder – Mentions climate-specific applications.

Need a version with test data (e.g., 72h submersion results)? Let me know!

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

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