Outdoor Wall Wpc Fluted Panel Customizable With 5mm Flute Depth And Relief Texture

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 Fluted Panel Outdoor
- Eco-Certifications: FSC、LEED、GREENGUARD
- Length: 2m-6m Customizable
- Flute Depth: 3mm , 5mm , Etc
- Widt: 100mm-300mm Customizable
- Thickness: 10mm , 12mm , 15mm , 20mm , Etc
- Custom Colors: Support Pantone/RAL Color Card Matching
- Texture: Wood Grain , Matte , Glossy , Relief , Etc
- Waterproof Rating: Water Absorption Rate <0.5%
- Material: WPC
- Highlight: **Outdoor Wall Wpc Fluted Panel**, **Outdoor Wpc Fluted Panel**, **Customizable Wpc Fluted Panel**

Product Description

Wpc Fluted Panel Outdoor Wpc Outdoor Wall Panel Customizable

HB-DECOR's **WPC Fluted Panel Outdoor** combines cutting-edge wood-plastic composite technology with sleek architectural design, offering a **weatherproof, low-maintenance**, and **aesthetically versatile** solution for modern exteriors.
Why Choose HB-DECOR?
✔ **Premium Durability**: High-density (1.3g/cm³) WPC core with **UV stabilizers** and **fire retardants** ensures fade-free performance (5+ years) and safety (Class B1 Fire Rating).
✔ **Custom Flexibility**: Available in **multiple fluted depths (3-8mm)**, widths (100-300mm), and wood-grain finishes (RAL/Pantone color matching).
✔ **Easy Installation**: Compatible with **hidden clip systems** or aluminum rails, reducing labor costs and enabling seamless vertical/horizontal layouts.
✔ **Eco-Conscious**: FSC®-certified wood fiber and recyclable materials align with sustainable building standards.
Ideal for **facades, fences, and decorative screens**, HB-DECOR panels marry functionality with minimalist elegance—**zero rotting, warping, or painting required**.

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)

Application Scenarios

- ✔ **Residential Exteriors** – Modern façade cladding, balcony screens, and garden fences.
- ✔ **Commercial Buildings** – Office exteriors, retail storefronts, and hotel décor.
- ✔ **Public Spaces** – Park pavilions, bus stops, and outdoor seating areas.
- ✔ **Privacy Solutions** – Terrace dividers, poolside panels, and backyard screens.
- ✔ **Architectural Accents** – Decorative wall features, column covers, and entrance highlights.

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

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