



Factory Direct Sale Fireproof B1 Light Weight Aluminum Honeycomb Panel with Customizable Length for Curtain Wall and Interior Decoration

Our Product Introduction

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Basic Information

- Certification: CCC, ISO9001
- Minimum Order Quantity: 200
- Price: 12.5



Product Specification

- Fire Rating: B1
- Width: 1220/1250/1550mm
- Length: Within 6400mm
- Panel Thickness: 8mm
- Aluminum Thickness: 0.5mm
- Total Thickness: 3mm, 4mm, 5mm, 6mm, 7mm, 8mm
- Top Alu Skin: 0.5-1.0mm
- Bottom Alu Skin: 0.4-1.0mm
- Standard Length: Any Length Within 6400mm
- Honeycomb Core: Aluminum Foil Material
- Production Capacity: 100000 Ton/Year
- Extruder Capacity: 6800 Ton
- Max Profile Diameter: 350mm
- Anodizing Lines: 6
- Powder Spraying Lines: 4



More Images



Product Description

Factory Direct Sale Aluminum Sheet Composite Honeycomb Panel

Premium aluminum honeycomb panels designed for curtain wall systems and interior decoration applications, available factory direct.

Product Structure

Aluminum honeycomb panel is composed of aluminum sheet + aluminum honeycomb core + aluminum sheet. The honeycomb core features multi-layer aluminum foil material with various cell sizes and unique configurations that significantly strengthen the panel without deformation.

Technical Specifications

Total Thickness	Top Alu Skin	Bottom Alu Skin	Width	Standard Length
3mm	0.5-1.0mm	0.4-1.0mm	1220/1250/1500mm	Any length within 6400mm
4mm	0.5-1.0mm	0.4-1.0mm	1220/1250/1500mm	Any length within 6400mm
5mm	0.5-1.0mm	0.5-1.0mm	1220/1250/1500mm	Any length within 6400mm
6mm	0.7-1.0mm	0.5-1.0mm	1220/1250/1500mm	Any length within 6400mm
7mm	0.7-1.0mm	0.5-1.0mm	1220/1250/1500mm	Any length within 6400mm
8mm	1.0mm	1.0mm	1220/1250/1500mm	Any length within 6400mm

Manufacturing Capabilities

Metalplus specializes in aluminum industrial profile design and manufacturing with a production base of more than 100,000 square meters and annual capacity exceeding 100,000 tons.

Product Range

Aluminum Profile	Aluminum Fan Blade Profiles
Aluminum Profile System	Aluminum Extrusion Enclosure
LED Aluminum Extrusion Profiles	Aluminum Frame
Customized Aluminum Profile	Aluminum Heat Sink
Electric Motor Housing Aluminum Profile	Construction Aluminum Profile
Aluminum Extrusion Tube	Die Casting
Die Casting LED Housing	Stainless Steel Casting
Aluminum Casting	ACP - Aluminum Composite Panel
Aluminum Honeycomb Panel	Aluminum Honeycomb Panel

Technical Support Services

Custom design services including CAD drawings and 3D models based on customer requirements

Professional R&D team for design analysis and optimization to reduce costs and improve performance

Complete one-stop service from product design to surface treatment with full quality control

Factory Equipment & Capabilities

Extrusion

44 aluminum extrusion lines with PLC control systems, including a 6800-ton extruder capable of producing profiles up to 600mm diameter for radiators, fan blades, motor enclosures, and architectural applications.

Anodizing

6 anodizing production lines creating uniform oxidation films in silver, black, gold, champagne, and imitation steel colors with enhanced corrosion resistance and hardness.

Painting

4 powder spraying lines using high-quality Gema Switzerland nozzles with environmentally friendly paint for strong adhesion and durable color retention.

CNC Machining

Advanced machining equipment including 12 PRATIC machining centers, automatic cutting machines, 30 punching machines, bending machines, and milling equipment for precise profile processing.

Packing & Shipping

Strict warehouse management with manual packaging and thorough inspection procedures ensuring product quality during delivery.

Product Advantages

Light

Lighter than aluminum solid panel

Slim

More cost-effective than aluminum honeycomb panels

Strong

More durable than aluminum corrugated panels

Ultra Flat

Flatter than normal composite panels

Certifications

Company History

- 2004 - Recognized brand of the building industry material market
- 2006 - Certificate for product exemption from quality surveillance inspection and ISO9001
- 2009 - Advanced company, Jiangsu famous brand certificate, and credible product of quality in Jiangsu Province
- 2012 - Established business relationships with Panasonic and LG
- 2015 - Innovative producer and supplying partner for European clients
- 2017 - Developed new products of baseboard heaters
- 2019 - Cooperated with world's largest heater manufacturers supplying aluminum shells
- 2023 - Expanding overseas distributor network for win-win benefits

Notable Projects

Soccer City Stadium, Johannesburg

Main aluminum supplier for Africa's largest capacity stadium (94,000 seats), contributing to this major South African construction project that received unanimous praise upon completion.

[Placeholder]

Lobster Trailers

Collaboration with Nordic trailer giant featuring design analysis, improvement, and processing with advanced equipment to minimize production costs and enhance product performance.

[Placeholder]

School Desk Project

Supplied aluminum legs for school desks, supporting local customer Dadn in winning school project bids through strong design capabilities and mature manufacturing techniques.



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