



Fireproof B1 Light Weight Aluminum Honeycomb Panel with Customized Design for Exterior Building Decoration

Our Product Introduction

for more products please visit us on aluminumextrusion-profiles.com

Basic Information

- Certification: CCC, ISO9001
- Minimum Order Quantity: 500
- Price: 15.85

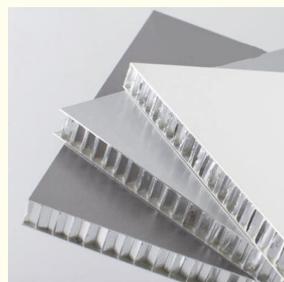


Product Specification

- Model NO.: Aluminum Honeycomb Panel
- Fire Rating: B1
- Width: 1220/1250/1550mm
- Length: Within 6400mm
- Thickness: 4/5mm
- Material: Aluminum Alloy AA1100, 3003, 3014, 5005, 5015, 6063 Etc.
- Fabricating Method: Laser Cutting Hollow-out, Cutting, Welding, Hand Polishing
- Dimensions: 1200*2400*20mm, 1400*3000*20mm, 1200*2400*30mm, 1400*3000*30mm
- Surface Finish: Powder Coating / P.E Coating / PVDF Coating / Wood Grain Coating / Stone Grain Coating
- Total Thickness: 3mm, 4mm, 5mm, 6mm
- Top Alu Skin: 0.5-1.0mm
- Bottom Alu Skin: 0.4-1.0mm, 0.5-1.0mm, 0.7-1.0mm



More Images



Product Description

Texture Embossing Grain Exterior Building Decorative Aluminum Honeycomb Panel

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 Specifications

Product Name	Aluminum Honeycomb Panel
Material	Aluminum Alloy AA1100, 3003, 3014, 5005, 5015, 6063 etc.
Fabricating Method	Laser cutting hollow-out, Cutting, Welding, Hand Polishing
Dimensions	1200*2400*20mm, 1400*3000*20mm, 1200*2400*30mm, 1400*3000*30mm Different sizes available, custom sizes welcome
Color	Customized
Surface Finish	Powder coating / P.E coating / PVDF coating / Wood grain coating / Stone grain coating
Patterns Selection	Customized Design available, ODM Design
Certificates	SGS, ISO 9001:2000, CE, etc
Production Capability	100,000sqm per Month
Delivery Time	Approximately 20 days, depends on panel drawings and quantity
More Services	OEM/ODM, Small samples free

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

Applications

Exterior Applications: Wall cladding, soffit, roof, canopy, tunnel, column cover or renovation, walkway roof covering, pedestrian overhead bridge roof covering.

Interior Applications: Wall cladding, ceiling, bathroom, kitchen, balcony.

Advertisement & Market Applications: Display platforms, signboard, fascias and shop fronts.

Excellent performance on exterior surfaces of garages, outbuildings and similar applications where durability and aesthetics are critical.

Panel Structure



Technical Support

Custom design services including CAD drawings and 3D models for customer confirmation

Professional R&D team for design analysis and optimization

Complete "one-stop" service from product design to surface treatment



Manufacturing Capabilities

Extrusion

44 aluminum extrusion lines with maximum outer diameter of 350mm, including a 6800 ton unit for profiles up to 600mm diameter. Custom mold production for complex structures.

Anodizing

6 anodizing production lines with uniform oxidation film thickness and color options including silver, black, gold, champagne, and imitation steel.

Painting

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

CNC Machining

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

Quality Assurance & Packaging

Strict warehouse management with manual packaging and thorough inspection before delivery.

Certifications

Notable Projects

Soccer City Stadium, Johannesburg

Main aluminum supplier for Africa's largest capacity stadium (94,000 seats).

Lobster Trailers

Collaboration with Nordic trailer giant featuring design optimization and advanced processing.

School Desk Project

Supplied aluminum legs for school desks with strong design and mature technical capabilities.



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