



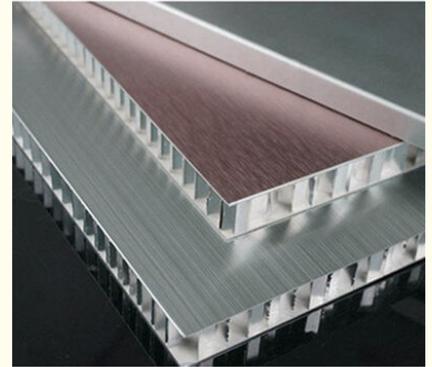
Fireproof B1 Light Weight Customizable Aluminum Honeycomb Panel for Exterior and Interior Cladding

Our Product Introduction

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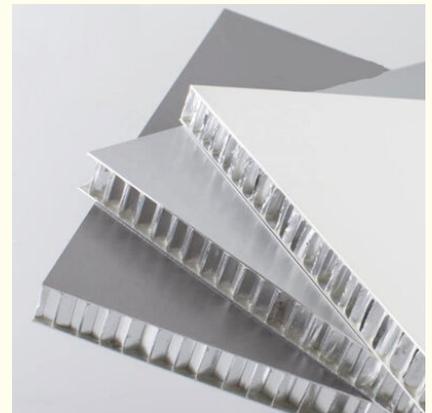
Basic Information

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

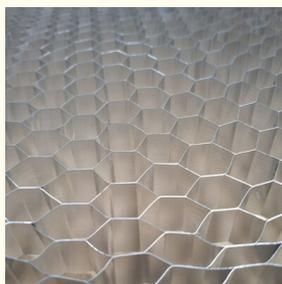


Product Specification

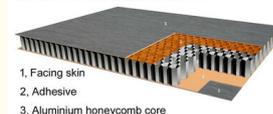
- Fire Rating: B1
- Width: 1220/1250/1550mm
- Length: Within 6400mm
- Thickness: 4/5mm
- Standard Size: 1220*2400mm
- Top Skin Thickness: 0.5-1.0mm
- Bottom Skin Thickness: 0.4-1.0mm
- Material: Aluminum Alloy AA1100, 3003, 3014, 5005, 5015, 6063
- Surface Finish: Powder Coating / P.E Coating / PVDF Coating / Wood Grain Coating / Stone Grain Coating
- Fabricating Method: Laser Cutting Hollow-out, Cutting, Welding, Hand Polishing
- Production Capacity: 100000 Ton/ Year
- Max Extrusion Diameter: 350mm



More Images



Aluminium honeycomb panel lamination



Product Description

Insulated Fireproof Aluminum Composite 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

Panel Thickness 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

Panel Structure



Applications

Exterior Applications

Wall cladding, soffit, roof, canopy, tunnel lining, column covers, walkway roofs, pedestrian bridge roofs

Interior Applications

Wall cladding, ceiling systems, bathroom, kitchen, and balcony applications

Commercial Applications

Display platforms, signboards, fascias, shop fronts, garages, and outbuildings

Technical Support Services

Custom design services for extruded profiles with CAD drawings and 3D models

Design analysis and optimization by professional R&D team

Complete one-stop service: product design, mold customization, aluminum casting, extrusion profiling, precision machining, and surface treatment

Manufacturing Capabilities

Extrusion

44 aluminum extrusion lines with PLC control systems, capable of producing profiles up to 350mm outer diameter. Largest extruder: 6800 ton unit for profiles up to 600mm diameter.

Anodizing

6 anodizing production lines producing uniform oxidation film thickness in various colors including silver, black, gold, champagne, and imitation steel.

Painting

4 powder spraying lines using Gema Switzerland nozzles with environmentally friendly, durable paint.

CNC Machining

Advanced machining equipment including 12 PRATIC machining centers, automatic cutting machines, 30 punching machines, and specialized bending equipment.

Quality Packaging & Shipping

Manual packaging with strict warehouse management procedures and comprehensive quality 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 manufacturer featuring design optimization and advanced processing.

School Furniture Project

Supplier of aluminum legs for school desks, supporting local education initiatives.

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