



Durable PVDF Painting Fireproof B1 Light Weight Aluminum Honeycomb Panel for Outdoor Wall Cladding

Our Product Introduction

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

Basic Information

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

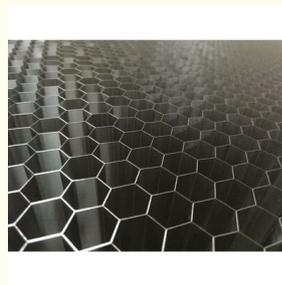
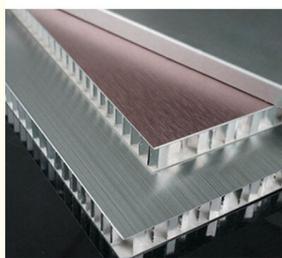


Product Specification

- Fire Rating: B1
- Width: 1220/1250/1550mm
- Length: Within 6400mm
- Thickness: 4/5mm
- Material: Aluminum Alloy AA1100, 3003, 3014, 5005, 5015, 6063
- 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
- Top Alu Skin: 0.5-1.0mm
- Bottom Alu Skin: 0.4-1.0mm
- Standard Length: Any Length Within 6400mm
- Production Capacity: 100000 Ton/Year



More Images



Product Description

Durable PVDF Painting Outdoor Wall Panel Aluminum Honeycomb Panel

High-performance aluminum honeycomb panels with PVDF coating for superior outdoor durability and aesthetic appeal.

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.

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

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, customization 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

Applications

Exterior Applications

- Wall cladding, soffit, roof, and canopy
- Tunnel, column cover or renovation
- Walkway roof covering
- Pedestrian overhead bridge roof covering
- Garages, outbuildings and similar applications

Interior Applications

- Wall cladding, ceiling

Bathroom, kitchen, and balcony

Advertisement & Market Applications

Display platforms

Signboard, fascias and shop fronts

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

Panel Structure

Technical Support Services

Custom design services for extruded profiles appearance

CAD drawings and 3D models for customer confirmation

Custom mold manufacturing

Professional R&D team for design analysis and optimization

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

Factory Equipment & Capabilities

Extrusion

44 aluminum extrusion lines capable of producing commercial and industrial aluminum profiles with maximum outer diameter of 350mm. Largest extruder: 6800 ton unit for profiles up to 600mm diameter.

Anodizing

6 anodizing production lines providing uniform oxidation film thickness and color. Available colors: silver, black, gold, champagne, imitation steel, and custom colors.

Painting

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

CNC Machining

12 PRATIC machining centers for profiles up to 6 meters

Fully automatic cutting machines from Wegoma

30 punching machines (50-100 ton capacity)

10 stretch bending machines for precise angle bending

10 milling machines for complex machining requirements

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Packing & Shipping

Finished products are manually packaged with strict warehouse management procedures and quality examination before delivery.

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Quality Certifications

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Company History & Milestones

- 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, Credible Product of Quality in Jiangsu Province
- 2012 - Established business relationships with Panasonic, 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

The 94,000 seat stadium is the largest capacity stadium in Africa. We participated as the main supplier of aluminum materials.

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Lobster Trailers

Cooperation with Nordic trailer giant featuring optimized designs and excellent processing equipment.

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School Desk Project

Supplied aluminum legs for school desks, supporting local customer Dadn in winning school project bids.

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