



Fireproof B1 Light Weight Aluminum Honeycomb Panel with Customizable Length for Exterior Wall Cladding

Our Product Introduction

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

Basic Information

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



Product Specification

- Model NO.: Aluminum Honeycomb
- 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
- Production Capacity: 100000 Ton/ Year
- Extruder Capacity: 6800 Ton
- Max Profile Diameter: 350mm
- Anodizing Lines: 6
- Powder Spraying Lines: 4



More Images



Product Description

ISO9001 High-Performance Aluminum Decorative Honeycomb Panel for Exterior Wall Cladding

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 Categories

Aluminum Profile System	Die Casting Led Housing
Aluminum Extrusion Enclosure	Stainless Steel Casting
LED Aluminum Extrusion Profiles	Aluminum Casting
Aluminum Frame	Aluminum Composite Panel
Customized Aluminum Profile	
Aluminum Heat Sink	
Electric Motor Housing Aluminum Profile	
Construction Aluminum Profile	
Aluminum Extrusion Tube	

Product Structure

ACCP Specification

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

Technical Support

Based on customer requirements, we design extruded profile appearance, provide CAD drawings and 3D models for confirmation, customize molds, and extrude aluminum profiles that meet specifications.

For customers with design capabilities, our R&D team analyzes and optimizes designs based on customer drawings and extrusion processing experience, using the most reasonable design to reduce production costs and improve product performance.

We provide comprehensive "one-stop" service including product design, custom molds, aluminum bar melting and casting, extrusion profiling, precision machining, and surface treatment.

Manufacturing Capabilities

Extrusion

Equipped with 44 aluminum extrusion lines, MetalPlus produces various standards of commercial and industrial aluminum profiles with maximum outer diameter of 350mm. Our largest 6800 ton extruder handles industrial profiles up to 600mm diameter for applications including radiators,

industrial fan blades, motor enclosures, solar cell frames, doors, and windows.

Anodizing

With 6 anodizing production lines, we create uniform oxidation film thickness and color in options including silver, black, gold, champagne, and imitation steel. Our quality control ensures no color difference between batches.

Painting

Our factory features 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

Equipped with advanced machining equipment operated by experienced technicians. Capabilities include 12 PRATIC machining centers for profiles up to 6 meters, automatic cutting machines from Wegoma, 30 punching machines (50-100 tons), bending machines, and milling machines for complex profile requirements.

Packing & Shipping

Finished products are manually packaged with strict warehouse management procedures. Each product is examined before delivery with comprehensive transaction recording.

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 - "The 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", "Certificate for Credible Product of Quality in Jiangsu Province"
- 2012 - Established business relationships with Panasonic and LG
- 2015 - Became innovative producer and supplying partner for European clients
- 2017 - Developed new baseboard heater products
- 2019 - Cooperated with world's largest heater manufacturers, supplying aluminum shells

- 2023 - Expanding overseas distributor network for win-win benefits

Notable Projects

[Redacted]

Soccer City Stadium, Johannesburg - As main aluminum supplier for Africa's largest 94,000-seat stadium, we contributed to this major South African construction project that received unanimous praise upon completion.

[Redacted]

Lobster Trailers - Partnering with this Nordic trailer giant, our R&D team analyzed and improved designs while processing with excellent equipment and technology to minimize production costs and enhance product performance.

[Redacted]

School Project - Supplied aluminum legs for school desks to local customer Dadn, leveraging our strong design capabilities and mature techniques to help customers secure project tenders.

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