



Corrosion Resistant Fireproof B1 Light Weight Aluminium Honeycomb Panel for Building Walls

Our Product Introduction

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Basic Information

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



Product Specification

- Model NO.: Aluminium Honeycomb Panels
- Fire Rating: B1
- Width: 1220/1250/1550mm
- Length: Within 6400mm
- Panel Thickness: 8mm
- Aluminum Thickness: 0.5mm
- Transport Package: Pallet
- Specification: 1220*2400mm
- Production Capacity: 100000 Ton/ Year
- Top Alu Skin: 0.5-1.0mm
- Bottom Alu Skin: 0.4-1.0mm
- Standard Length: Any Length Within 6400mm
- Extrusion Lines: 44
- Max Extrusion Diameter: 350mm
- Anodizing Lines: 6



More Images



Product Description

OEM Corrosion Resistant Aluminium Honeycomb Panels

Top quality corrosion resistant aluminium honeycomb panels designed for building walls with anti-scratch properties. These panels combine aerospace material technology with civil construction applications.

Company Overview

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

Product Range

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

Product Applications

Aluminum honeycomb panels are suitable for civil construction, vehicle and ship decoration, utilizing aerospace material technology in civil applications. The entire manufacturing process is completed using modern hot press molding technology.

Panel Structure



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 |

Technical Support Services

- Custom design services including CAD drawings and 3D models for customer confirmation
- 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 quality control throughout



Manufacturing Capabilities

Extrusion

44 aluminum extrusion lines with PLC control systems, capable of producing profiles up to 350mm outer diameter. Largest extruder is 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. Strict quality control ensures consistent color and quality.

Painting

4 powder spraying lines using high-quality Gema Switzerland spray nozzles with environmentally friendly, durable paint featuring strong adhesive force and color retention.

CNC Machining

Advanced machining equipment including 12 PRATIC machining centers, automatic cutting machines from Wegoma, 30 punching machines (50-100 tons), bending machines, and milling machines for complex profile processing.

Packaging & Shipping

Manual packaging with strict warehouse management procedures and quality examination before 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, 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)

Lobster Trailers - Cooperation with Nordic trailer giant, providing design optimization and manufacturing services

School Project - Supplied aluminum legs for school desks through local customer Dadn

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