



Fire Resistance B1 PVDF Painting Light Weight Aluminum Core Composite Panel for Decorative Cladding

Our Product Introduction

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Basic Information

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



Product Specification

- Fire Rating: B1
- Width: 1220/1250/1550mm
- Length: Within 6400mm
- Thickness: 4/5mm
- Top Alu Skin: 0.5-1.0mm
- Bottom Alu Skin: 0.4-1.0mm
- Standard Length: Any Length Within 6400mm
- Total Thickness: 3mm, 4mm, 5mm, 6mm, 7mm, 8mm
- Production Capacity: 100000 Ton/ Year
- Maximum Diameter: 350mm
- Extruder Capacity: 6800 Ton
- Anodizing Lines: 6
- Powder Spraying Lines: 4
- Machining Centers: 12
- Punching Machines: 30



More Images



Product Description

PU PVDF Painting Fire Resistance Aluminum Core Cladding Decorative Composite Sandwich Panel

High-performance aluminum composite panel featuring fire-resistant properties and durable PVDF coating for superior decorative applications.

ACCP 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

ACCP Advantages

- Light** - Lighter than aluminum solid panel
- Slim** - Much cheaper than aluminum honeycomb panels
- Strong** - More durable than aluminum corrugated panels
- Ultra Flat** - Flatter than normal composite panels

ACCP Strength

Easy Process Installation

ACCP Application

Certifications

Packaging & Shipping

ACCP Dedicated Workshop

Company Profile

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.

Technical Support

Our comprehensive technical services include:

- Custom design services with CAD drawings and 3D models based on customer requirements
- Design optimization and analysis by our professional R&D team to reduce costs and improve performance
- Complete "one-stop" service from product design to surface treatment with full quality control

Extrusion Capabilities

Equipped with 44 aluminum extrusion lines capable of producing commercial and industrial aluminum profiles with maximum outer diameter of 350mm. Our largest 6800 ton extruder handles complex profiles up to 600mm diameter for applications including radiators, industrial fan blades, motor enclosures, and solar cell frames.

Anodizing Process

Six anodizing production lines create uniform oxidation films with improved corrosion resistance, hardness, and wear resistance. Available in silver, black, gold, champagne, and imitation steel colors with custom options available.

Painting & CNC Machining

Four powder spraying lines using Gema Switzerland nozzles with environmentally friendly paint. Advanced CNC machining equipment including 12 PRATIC machining centers, automatic cutting machines, 30 punching machines, and bending equipment for precise profile processing.

Company History

- 2004 - Recognized brand of 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 baseboard heater products
- 2019 - Cooperated with world's largest heater manufacturers
- 2023 - Expanding overseas distributor network for win-win benefits

Notable Projects

The Soccer City Stadium in Johannesburg - Africa's largest capacity stadium with 94,000 seats. We served as the main aluminum supplier for this prestigious project.

Collaboration with Lobster Trailers, providing design optimization and excellent processing for Nordic trailer applications.

Supplied aluminum legs for school desks, supporting local customers in winning project bids through strong design and mature technology.



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