



## PVDF Electrophoresis Wooden Grain Fireproof B1 Light Weight Aluminum Core Composite Panel for Exterior Cladding

Our Product Introduction

for more products please visit us on [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

### Basic Information

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



### Product Specification

- 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
- Honeycomb Core Material: Aluminum Foil
- Production Capacity: 100000 Ton/Year
- Extruder Capacity: 6800 Ton
- Max Profile Diameter: 350mm
- Anodizing Lines: 6
- Powder Spraying Lines: 4



### More Images



## Product Description

### PVDF Electrophoresis Wooden Grain Exterior Cladding Aluminum Sheet Composite Sandwich 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 Structure



Aluminum honeycomb panel is composed of aluminum sheet + aluminum honeycomb core + aluminum sheet. The honeycomb core consists of multi-layer aluminum foil material available in various cell sizes with unique configurations that significantly strengthen the panel without deformation.

#### 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

Custom design services including CAD drawings and 3D models for customer confirmation

Professional R&D team for design analysis and optimization

Complete one-stop service from product design to surface treatment



#### Factory Equipment

##### Extrusion

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



##### Anodizing

6 anodizing production lines creating uniform oxidation film thickness and color. Available in silver, black, gold, champagne, and imitation steel colors with custom options available.



##### Painting

4 powder spraying lines using high-quality spray nozzles from Gema Switzerland with safe, environmentally friendly paint offering strong adhesion and durable color retention.

##### CNC Machining

Advanced machining equipment including 12 PRATIC machining centers, automatic cutting machines from Wegoma, 30 punching machines, bending machines, and milling machines for complex profile processing.



## Packing & Shipping

Strict warehouse management procedures with manual packaging and thorough inspection 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 relationship 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
- 2023 - Expanding overseas distributor network for win-win benefits

## Featured Projects

Soccer City Stadium, Johannesburg - Main aluminum supplier for Africa's largest capacity stadium (94,000 seats)

Lobster Trailers - Cooperation with Nordic trailer giant featuring design optimization and excellent processing

School Project - Supplied aluminum legs for school desks with strong design and mature techniques



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