



## PVDF Electrophoresis Wooden Grain Custom Elevator Aluminium Profile with Sandblast and Anodizing

### Our Product Introduction

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

#### Basic Information

- Certification: SONCAP, ISO, RoHS, TUV
- Minimum Order Quantity: 500
- Price: 1

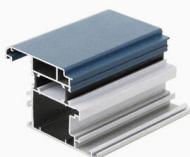


#### Product Specification

- Model NO.: Elevator Aluminum Profile
- Grade: 6000 Series
- Temper: T3-T8
- Alloy: 6063
- Surface Finishing: Anodic Oxidation
- Size: 3m - 6m Per Piece
- Thickness: 0.8 - 5.0mm
- Anodized Thickness: 8 - 25um
- Powder Coated Thickness: 60- 120um
- Tensile Strength:  $\geq 160\text{Mpa}$  (T5),  $\geq 205\text{Mpa}$  (T6)
- Yield Strength:  $\geq 110\text{Mpa}$  (T5),  $\geq 180\text{Mpa}$  (T6)
- Elongation:  $\geq 8\%$
- Production Capacity: 50000PCS /Month
- Extrusion Diameter: 400\*150mm And  $\varphi 360$
- MOQ: 500kgs



#### More Images



## Product Description

### Custom Aluminum Elevator Profiles

Our 4500T grade extrusion machine enables production of custom sections up to 400×150mm and φ360. We welcome your drawings and provide complete pricing breakdowns including aluminum ingot costs, extrusion, surfacing, and additional services. We also supply fully assembled premium grade window and door systems.

### Product Specifications

<b>Item</b>	Oxidation Construction Aluminum Profile / Aluminum Elevator Profile
<b>Material</b>	Aluminium 6000 series alloy: 6063, 6005, 6061
<b>Temper</b>	T4, T5, T6
<b>Size</b>	3m - 6m per piece, or customized
<b>Shape</b>	Round, square, flat, hollow, oval, triangle, U-profile, L-profile, T-profile, custom available
<b>Thickness</b>	0.8 - 5.0mm
<b>Application</b>	Elevator

### Surface Treatment Options

<b>Surface Treatment</b>	Mill-finish, anodized, powder coated, electrophoresis, brushed
<b>Anodized Color</b>	Silver, black, champagne, bronze, gold or customized
<b>Anodized Thickness</b>	8 - 25µm
<b>Electrophoresis Color</b>	Silver, black, champagne, bronze, gold or customized
<b>Powder Coated Color</b>	Customized
<b>Powder Coated Thickness</b>	60 - 120µm
<b>Guarantee</b>	Surface color stability for 10-20 years indoor use

### Packaging Options

<b>Bundles Packing</b>	Inside: EP foam protection for each piece Outside: Waterproof craft paper wrapping
<b>Carton Packing</b>	Inside: Individual plastic bag per piece Outside: Multiple quantities in cartons
<b>Wood Pallet Packing</b>	Inside: Bundles or cartons packing Outside: Multiple bundles/cartons on wood pallets
<b>Customized Requirement</b>	Customized packing requirements available

### Service Details

<b>MOQ</b>	500kg per item; Typically 13-15 tons for 20GP; 25 tons for 40HQ
<b>OEM Service</b>	Drawing, sample, or design service offered by customer
<b>Production Capacity</b>	5,000 metric tons monthly
<b>Deep Processing</b>	CNC, drilling, milling, cutting, bending, tapping, welding, assembling, punching
<b>Brand Name</b>	HENTEC
<b>Certificates &amp; Standards</b>	ISO9001-2008, ISO14001, SGS
<b>Delivery Time</b>	Die development & sample testing: 12-18 days Mass production: 20-30 days after sample confirmation

Payment Terms	T/T, L/C
FOB Port	Shanghai
Settlement Terms	Final actual weight or drawing theoretical weight

## Applications

Industrial aluminum profiles used in automotive, railway, machinery, electronics, medical, and other industrial fields. Aluminum frames serve as important auxiliary materials for hardware, machinery, electromechanical parts, and solar PV products. We also provide profiles for radiators, fitness equipment, construction, lighting instruments, ventilation ducts, and oil pipelines.

## Technical Data

### Chemical Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Impurity	Al
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	0.15	Rest
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	Rest
6060	0.3-0.6	0.1-0.3	0.1	0.1	0.35-0.6	-	0.15	0.1	0.15	Rest
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1	0.1	0.15	Rest

### Mechanical Properties

Alloy	Temper	Tensile Strength	Yield Strength	Elongation
6063	T5	≥ 160MPa	≥ 110MPa	≥ 8%
6063	T6	≥ 205MPa	≥ 180MPa	≥ 8%
6061	T6	≥ 265MPa	≥ 245MPa	≥ 8%

## Technical Support

Custom design services including CAD drawings and 3D models for extruded profiles

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 production



## Factory Equipment & Capabilities

### Extrusion

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



### Anodizing

6 anodizing production lines creating uniform oxidation films for improved corrosion resistance, hardness, and wear resistance. Available in silver, black, gold, champagne, and imitation steel colors with strict quality control and re-processing of non-conforming products.



### Painting

4 powder spraying lines using Gema Switzerland nozzles with environmentally friendly, durable paints featuring strong adhesion and color retention.



### CNC Machining

Advanced machining equipment including 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 comprehensive processing capabilities.



## Packing and Shipping

Manual packaging with strict warehouse management procedures, section-based storage, and thorough examination before delivery.



## Certifications



## Company History

2004: Recognized brand of building industry material market  
2006: Product exemption certificate and ISO9001 certification  
2009: Advanced company, Jiangsu famous brand, credible product quality certificate  
2012: Established relationships with Panasonic and LG  
2015: Innovative producer and supplier for German clients  
2017: Developed new baseboard heater products  
2019: Supplier for world's largest heater manufacturers  
2023: Expanding overseas distributor network

## Notable Projects

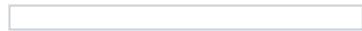
### Soccer City Stadium, Johannesburg

Main aluminum supplier for Africa's largest capacity stadium (94,000 seats), contributing to this major South African project that received unanimous praise.



### Lobster Trailers

Collaboration with Nordic trailer giant featuring design optimization and advanced processing to minimize costs and enhance product performance.



### School Desk Project

Supplied aluminum legs for school desks, supporting local customer Dadn's successful bid with strong design capabilities and mature technology.



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