



Customized Dimension 6063 Alloy Aluminum Louver Profile with Powder Paint for Ventilation Window Blade

Our Product Introduction

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Basic Information

- Certification: ISO
- Minimum Order Quantity: 1
- Price: 2980



Product Specification

- Model NO.: Aluminum Louver
- Type: Window & Door Aluminium Profile, Decoration Aluminium Profile
- Shape: Customized
- Grade: 6000 Series
- Temper: T3-T8
- Window Series: 60 Series
- Alloy: Alloy
- Surface Finishing: Wood-grain Transfer
- Alloying Ingredient: 6063
- Surface Treatment: Powder Painting
- Color: Customized
- Dimension: Customized
- Processing: Cutting
- Transport Package: Cartons; Wooden Cases



More Images



Product Description

Aluminum Louver Profile Ventilation Window Blade

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 Specifications

Material: Aluminum alloy 6063, 6061, 6060, 6082, 6005 or custom requirements

Temper: T5, T6

Quality Standard: GB5237-2008

Surface Treatment: Mill finish, anodized, powder coated, electrophoresis, sand blasting, PVDF coating, wood grain painting, matted, polishing bright

Available Colors: Silver, Bronze, Champagne, Matte, Natural for anodizing, RAL for powder coating

Packing: Protective film inside and shrinking film outside

Sample Time: Two weeks after receiving mold fee

Delivery: 20 days after deposit

Production Capacity: 100,000 tons/year

MOQ: 1 ton

Payment Terms: T/T, L/C at sight

Port: Shanghai Port

Equipment: 17 press extruders

Services: OEM & ODM available

Manufacturing Process

Die Design → Die Making → Extruding → Cutting → CNC Machining → Surface Treatment → Packing

Product Advantages

- Good rigidity and environmental resistance
- UV-resistant, acid-resistant and alkali-resistant
- Light weight, easy to install
- Self-cleaning and low maintenance
- Sound-insulation properties
- 100% recyclable

Material Specifications

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 & Services

Our comprehensive technical support includes:

- Custom design services with CAD drawings and 3D models
- Professional R&D team for design analysis and optimization
- One-stop service from product design to surface treatment
- Quality control throughout the entire production process

Production Capabilities

Extrusion

44 aluminum extrusion lines with PLC control systems, including a 6800-ton extruder capable of producing profiles up to 600mm diameter.

Anodizing

6 anodizing production lines providing uniform oxidation film thickness and color options including silver, black, gold, champagne, and imitation steel.

Painting

4 powder spraying lines using Gema Switzerland nozzles with environmentally friendly, durable paint.

CNC Machining

Advanced machining equipment including 12 PRATIC machining centers, automatic cutting machines, 30 punching machines, and bending equipment.

Packing & Shipping

Strict warehouse management with manual packaging and quality examination before delivery.

Quality Certifications

Notable Projects

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

Lobster Trailers: Collaboration with Nordic trailer manufacturer, providing optimized aluminum components.

School Furniture Project: Supplier of aluminum legs for school desks through local customer Dadn.



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