



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

### Our Product Introduction

#### Basic Information

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



**M**  
METALPLUS

#### 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.

### 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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