

## White Powder Painted Aluminium Window Extrusions , Aluminium Frame Profile For Casement Window

Our Product Introduction

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

### Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA ,CE
- Minimum Order Quantity: 1 ton
- Packaging Details: EP Paper ,kraft and pallet
- Delivery Time: 20days
- Payment Terms: T/T or L/C
- Supply Ability: 100 000 ton each month



### Product Specification

- Material: Aluminum Alloy
- Temper: T5 / T6
- Alloy: 6063 / 6061 / 6060
- Surface: Powder Painted
- Color: Customerized
- Highlight: **extruded aluminium profiles,  
profile aluminum extrusions**

## Product Description

### White Powder Painted Aluminium Window Extrusions , Aluminium Frame Profile For Casement Window

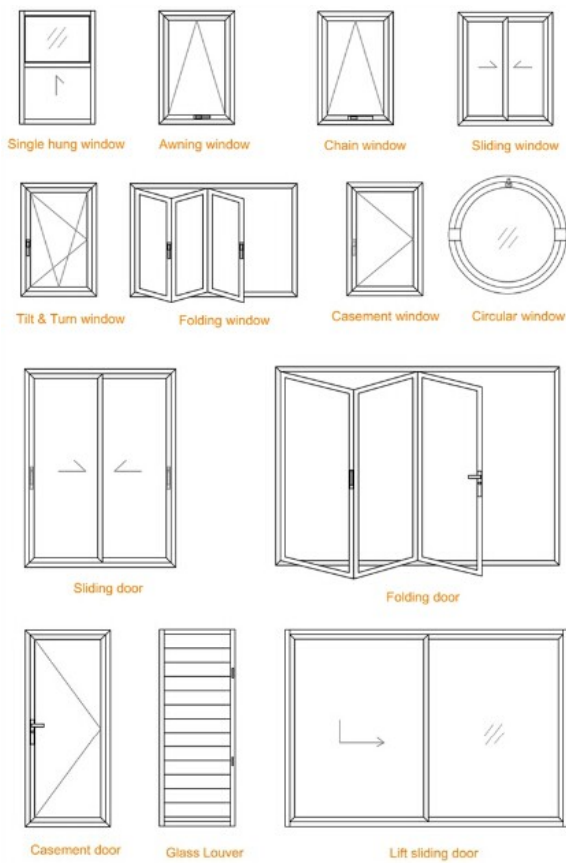
- 1) Aluminium Extrusion Profile
- 2) Thermal Break Window / Door Profile
- 3) Surface Treatment: Based on customers' requirement (i. e. Bright DIP, Anodizing, Powder Coating)
- 4) OEM items are based on customer request, customers' designs are welcome
- 5) Product export to Europe, South America, Middle East, Africa, Asia, Russia , Ukraine

#### Description :

1. Material	Aluminium alloy; 6063, 6061, 6082, 6005, T5, T6,
2. Section Shapes	I, U, T, C, Z, L, H, square, round, flat, hollow, t-slot and other complicated shapes by custom design.
3. Surface treating	Mill/Anodized(oxidation)/Sand blast/Powder coating/Electrophoresis/Wood grain
4. Application	1) - for Window and door frames
	3) - for Building curtain glass walls
	4) - for Solar panel frames, Solar mounting / roofing brackets
	5) - for Industry assembly lines equipment.
	6) - for Heatsinks
5. Production lines	7) - for LED lighting
	8)- other by custom design size and dimension
	1) 5 melting and casting production lines
	2) 22 extruding production lines(from 500tons to 4000tons and meet different customer's demands)
	3) 6 anodizing and electrophoresis production lines
6. Characteristic Services	4) 2 powder coating production lines
	5) 2 wiredrawing and polishing production lines
	1). OEM Service.
	2). Design according to the customers' requirements.
	3). More years' professional experience in research, manufacturing
7. Quality Control	4). Our modern deep processing center can provide machining such as Cutting, punching, drilling, etc.
	We operate the most strict quality control system, the detection is from the material, production process, To final product, and ensure the product quality and traceability.
8. Process	Die design→Die making→Smelting&alloying→QC→Extruding→Cutting→Heat Treatment→
	QC→Surface treatment→QC→Welding→Packing→QC→Shipping→After Sale Service
9. Standard	GB5237-2008 equal to EN12020-1.2(2001)
10. Payment	T/T: 30% for deposit, the balance will be paid before or after shipment

#### Window and Door's Design

We can DIY any type of aluminium windows and doors as your request, and our popular types are as below:



#### Applications:

Aluminum profile used for making aluminum door .There are many colors can be selected for surface treatment .The strength can be increased by higher wall thickness . It is possible to produce according to customized design .



#### Specifications:

1. Primary Technical Data

1) Chemical composition

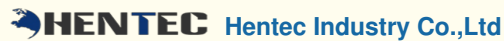
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Impurity	Al
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	0.15	Rest
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	Rest
6060	0.3-0.6	0.1-0.3	0.1	0.1	0.35-0.6	-	0.15	0.1	0.15	Rest
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1	0.1	0.15	Rest

2) Mechanical property

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

**Competitive Advantage:**

1. Top Aluminium profile manufacturer for more than 10 years in China.
2. Diverse Products used in the fields of construction, industry and deep-processing.
3. Quality Control is put in the core position of our production.
4. Customized Production shows our capability in product design and process control.
5. Perfect Customer Services include careful packaging, quick delivery and good after-sale service.



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