



## Powder Painted 6061 Aluminum Profile / Customized Aluminum Extrusion Profile

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Hentec
- Certification: ISO9001



### Product Specification

- Material: Aluminum
- Color: White
- Temper: 6061-T5/T6
- Usage: Industrial
- Surface: Anodized / Powder Painted
- MOQ: 1ton
- Highlight: **structural aluminum extrusions, structural aluminium extrusions**

## Product Description

### Description:

#### Powder Painted 6061 Aluminum Profile Aluminum Extrusion Profile / Customized

Description	6061 Aluminum Profile
Material Thickness(t)	t=1.0 / 1.2 / 1.4
Material	Aluminum Alloy 6063, 6061
Annealing Treatment	T5,T6
Color	Green, Grey, Black, White, (RAL series)etc.
Surface Treatment	Mill finish, anodized, powder coated, electrophoresis, sand blasting etc.and depend on customer's demand.
Shape	Square, Round, Flat, Oval, and according to customer's drawing.
Length	Normal length=6m or in customer's order
Usage	Building, Production Line, Decoration, Industrial, Transportation, Door and window, etc.
Package	1. Pearl cotton foam for each aluminum profile ; 2. Wrap with shrink film exterior; 3. Packed according to customer request.
Advantages/Features	Providing colorful products with various mechanical performances to adapt all kinds of architectural styles

### Applications:

Aluminum profile used in cars, trains machinery ,electronics, medical and other industrial filed . In terms of hardware, machinery, electromechanical parts, solar PV products, aluminum frames are adopt as important auxiliary materials. We also have aluminum profiles for radiators, fitness machinery, buildings, lighting instrument, windpipes, oil pipelines, for instance.

### 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

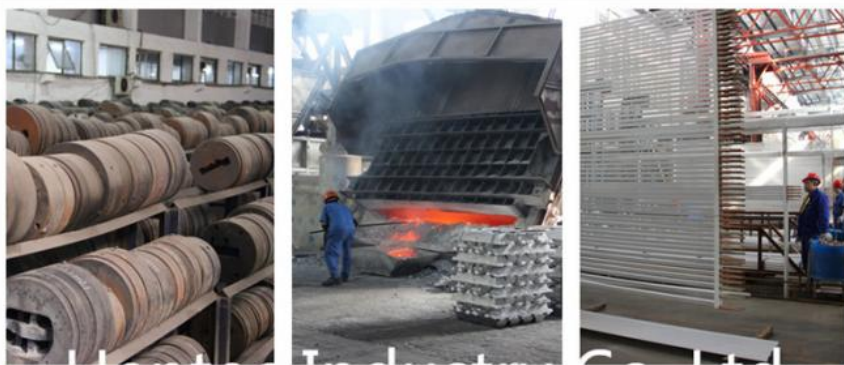
Alloy	Temper	Tensile strength	Yield strength	Elongation
6063	T5	≥ 160Mpa	≥ 110Mpa	≥ 8%
	T6	≥ 205Mpa	≥ 180Mpa	≥ 8%
6061	T6	≥ 265Mpa	≥ 245Mpa	≥ 8%

##### 3. Surface Treatment of Sections

(Class)	(μm),not diminish than		acid-resistant			abrasion resistance
	(Min-average film thickness)	(Min-part film thickness)	CASS		(S)	(f, g /μm)
			(h)	Class		
AA10	10	8	16	≥9	≥50	≥300
AA15	15	12	32	≥9	≥75	≥300
AA20	20	16	56	≥9	≥100	≥300
AA25	25	20	72	≥9	≥125	≥300

### Competitive Advantage:

- 1) Pure 99.7% aluminum materials without any scrap used
- 2) OEM welcome, we can design and cut die to meet customer's special demand
- 3) Wonderful surface treatment, we can meet customers required on surface
- 4) Strong Scratch Resistance, 15-20 years color warranty
- 5) Strictly quality control process assured higher quality
- 6) Packing safety and convenient



Hentec Industry Co., Ltd



Tag :

**aluminium frame system**

**aluminium extruded sections**

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