



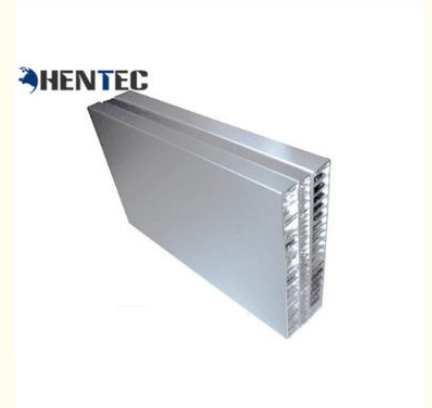
## Aluminum Honeycomb Sandwich Panel For Wall Cladding Facades And Roofs

Our Product Introduction

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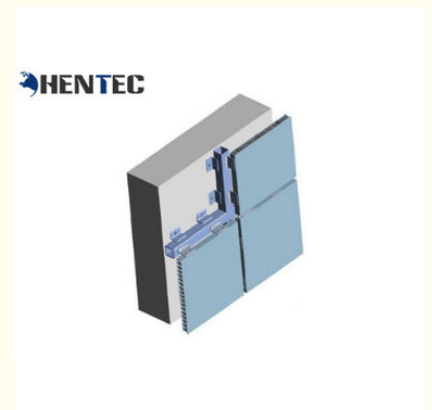
### Basic Information

- Place of Origin: China
- Certification: CA ,CE
- Minimum Order Quantity: 1 ton
- Packaging Details: Ep paper ,kraft ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month



### Product Specification

- Product Name: Anodized Aluminum Honeycomb Panel
- Application: Architectural Wall Cladding
- Material: Aluminum
- Logo: Customized
- Highlight: **aluminum deck railings, aluminum porch railing**



## Product Description

### Construction Extruded Aluminum Profiles / Aluminum Honeycomb Sandwich Panel for Wall Cladding Facades and Roofs

#### Description :

**Structure:** Aluminum sheet+Aluminum honeycomb core+Aluminum sheet

**Thickness of panel:** 6mm, 8mm, 10mm, 12mm, 15mm, 20mm, 25mm, 30mm etc.

**Thickness of Aluminum sheets:** 0.7mm, 0.8mm, 1.0mm etc.

**Surface:** Mill finish or coating

**Coating:** Polyester (PE) or Fluorocarbon (PVDF) resin

**Application:** cladding and decoration of buildings, portions of buildings or boats, vessels, automobiles etc.

Anodized Aluminum honeycomb panel with brushed finish is made from anodized aluminum sheets and honeycomb structure aluminum foil by sandwich lamination, very popular for interior and exterior decoration as well as material for producing tables, cabinets and furniture etc.

Aluminum honeycomb panel is a lightweight strong sandwich composite laminated panel, the weight of aluminum honeycomb panel is only 3kg to 10kg per square meter for panel thickness of 6mm to 200mm and the rigidity is more than 1.5kN.sqm/m, with prefabrication and assembly of fittings according to framing system, you can easily install the honeycomb panels to the buildings, also very popular for envelope and decoration of interior & exterior walls, partitions, facades, ceiling and canopies. Aluminum honeycomb panel or stainless steel honeycomb sandwich panel is the best alternative materials for single aluminum panel or stainless steel panel because of the competitive cost and much lower weight, much better flatness and much higher strength. It's a green and environment-friendly building and decoration material, trending the construction and decoration industry.

#### How is a Honeycomb Panel Produced?

The honeycomb panel is typically made up of 5 layers by sandwich lamination: facing skin, adhesive, honeycomb core, adhesive and back skin.

Materials with high tensile and compression strength are best suited to being skins, i.e. aluminum, galvanized steel, stainless steel, fiberglass etc.

Adhesive varies widely by application: high strength, high temp, low temp, etc.

Honeycomb Core: A variety of honeycomb cores are available as per design requirements.

#### FEATURES

- Low weight and competitive cost
- High stiffness and strength
- Easy to fabricate and install
- Recyclable
- PVDF coating or anodized finish aluminum facing skins for good anti-corrosion performance and high resistance.
- Aluminium facing skins are available in a range of thicknesses from 0.5mm to 3.0mm as per design requirements
- Panels can be produced with different aluminum sheet thicknesses on front and back faces and panel thicknesses as per custom design requirements for weight, strength and installation.
- Aluminum faced panels are chemically cleaned: suitable for painting or the application of decorative laminates
- Brushed and anodised aluminum finishes are also available
- Aluminum honeycomb cell size is 4mm to 8mm as request.
- Wide selection of Joiners & Assembly Accessories are available.

#### Application

Architectural wall Cladding and decoration

Architectural Rainscreen Facades and canopies envelope.

Lightweight interior and exterior architectural panels.

Aerospace, Marine & Transport Flooring, ceilings, Walls & Partitions

Silk Screen Printing Tables, doors and cabinets

CNC Vacuum Bases

Lightweight Floors, Walls, partitions, canopies, Ceilings, roofs etc.

Special Purpose Panel Design



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