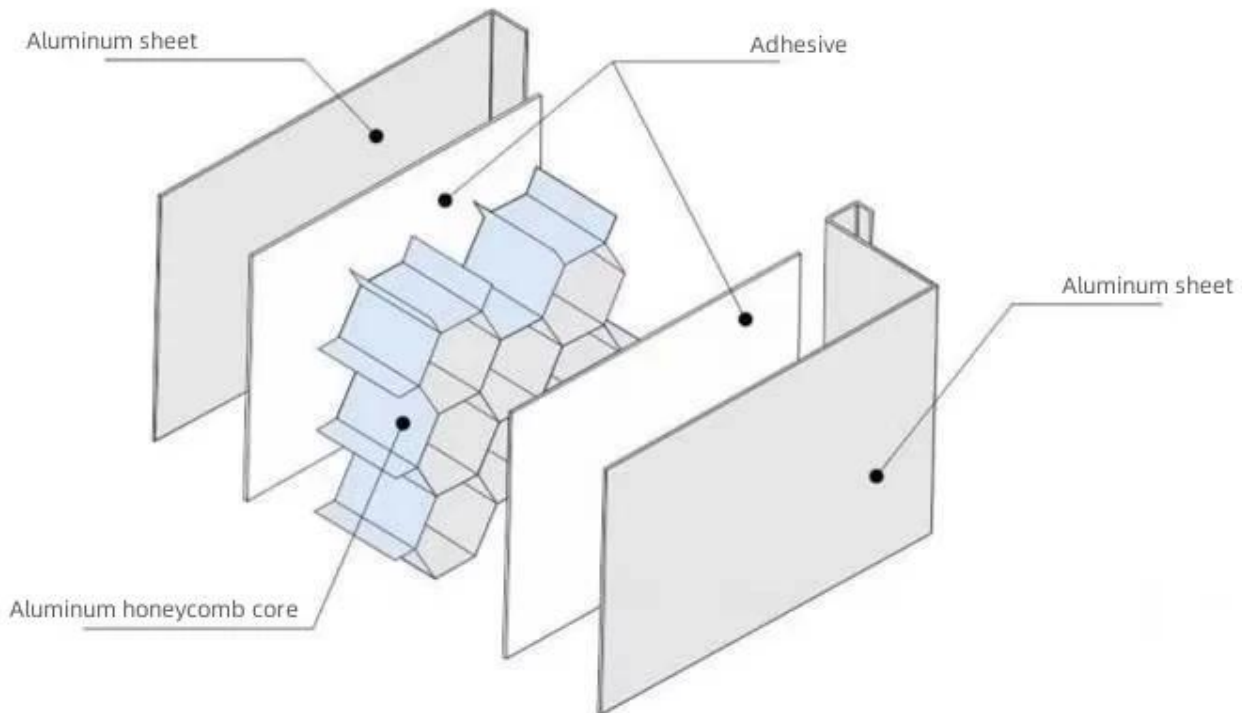
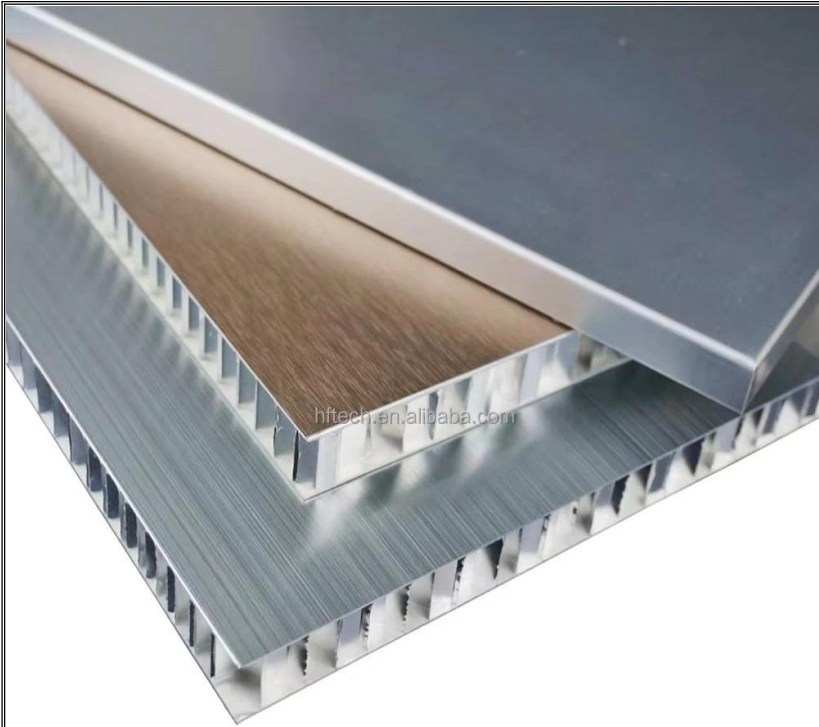


Decoration Alu Alloy Skin Aluminium Honeycomb Core Composite Sandwich Panels Suppliers



Aluminum Sandwich Panel

The aluminum honeycomb panel is completely made of aluminum material. The surface, bottom plate, and core material are all made of high-strength alloy aluminum. The inner layer is a hexagonal aluminum honeycomb. These dense honeycombs that contain each other can disperse the pressure from the surface direction. Coat the surface of the aluminum sheet with a thin layer of adhesive to firmly bond the honeycomb core and the upper and lower aluminum sheets together. Hence the honeycomb panel has the advantages of being lightweight, high strength, and good rigidity.

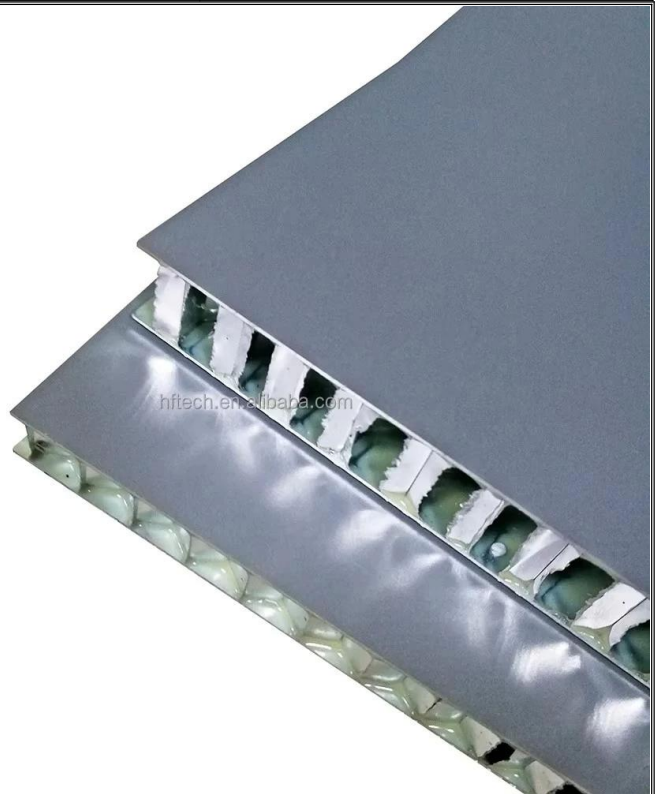


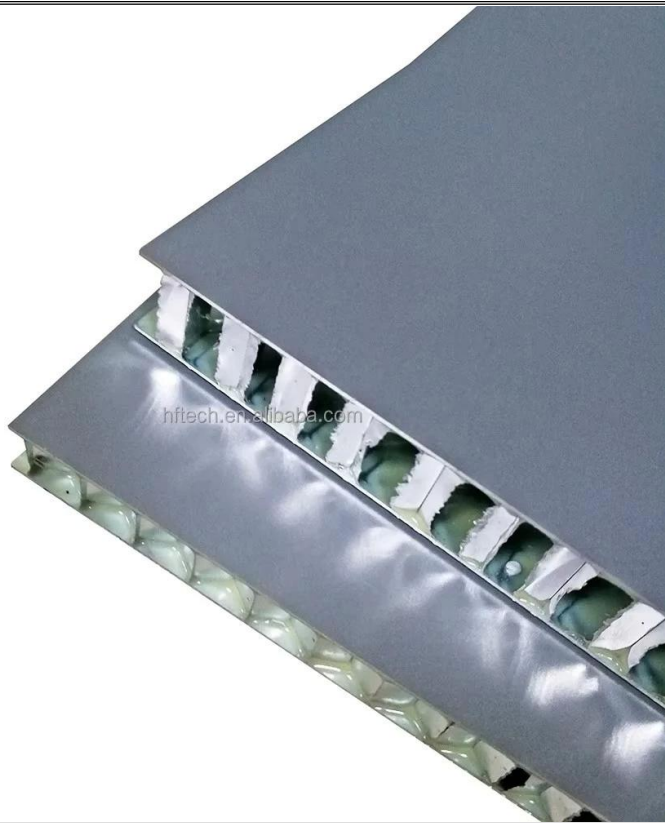
A. Introduction

Aluminum Honeycomb Panel is a high-end building decoration material, which is used in the aerospace field with high requirements. The surface layer of the panel is aluminum alloy plate, and the middle layer is honeycomb structure made of aluminum foil, a lightweight core material, with excellent rigidity. It is currently the best product in metal curtain wall materials.

B. Features

Lightweight, high strength, not easy to deform
 Sound insulation, anti-vibration, fireproof and moisture-proof, flame retardant
 Fungal resistance, resistant to weathering and chemical corrosion
 Easy to install and maintain
 Luxurious and beautiful, the finish paint is durable





C. Applications

Aluminum Honeycomb panels can be used indoors and outdoors. From buildings, elevator walls, amusement park rides, fine art backing and restoration, stone backing panels for thin cut granite and marble, to wide use in the transportation industry in light rails, yachts, boats, trucks, RV's & toy haulers. Almost anytime lightweight and strong support is needed, this will fit the bill.

D. Usage Scenario



Boats and Ships

The application of honeycomb composite materials to the buildings above the ship deck not only simplifies the installation process but also reduces the overall weight of the hull.



Campers

Fiberglass honeycomb panels are especially suitable for all kinds of camper vehicles that require lightweight and strong.



Trucks

A box truck for transporting dry freights using honeycomb panels as a body material can greatly reduce transportation costs.



Buildings

Fiberglass honeycomb panels can be used as exterior walls, interior walls, partitions, ceilings, and floor materials of buildings.

