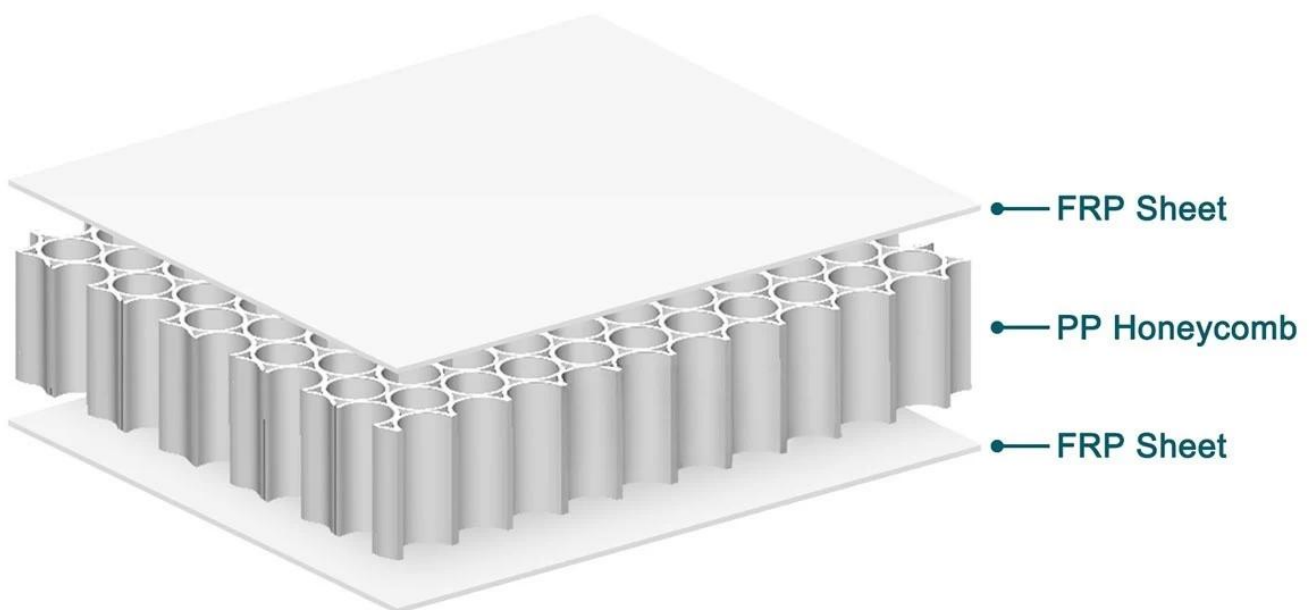


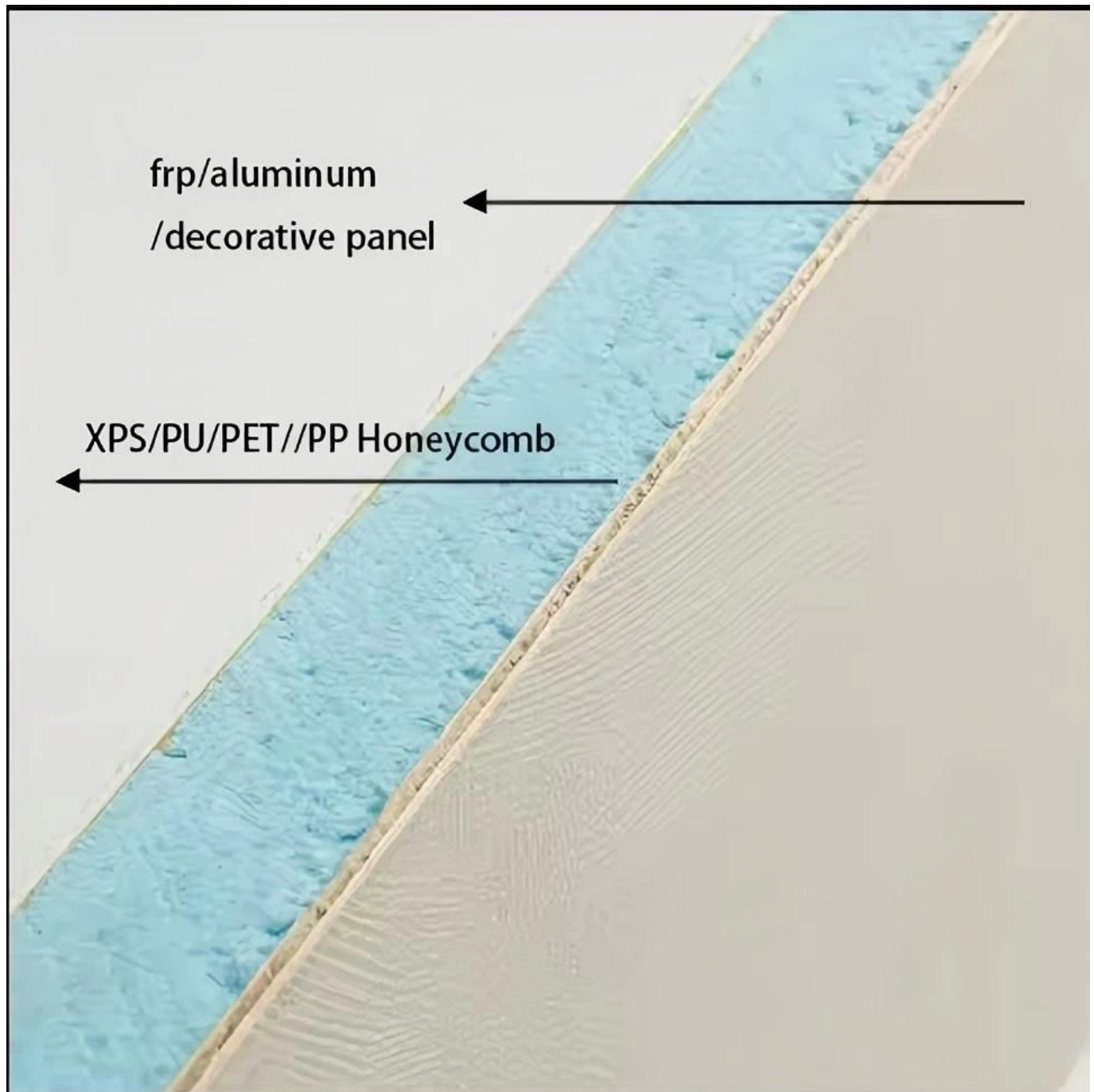
## *Fiberglass Foam Sandwich Panel*

*Core: XPS/PU honeycomb*



Fiberglass foam core panels are a popular sandwich composite panel that perfectly combines volume and strength. Its high-cost performance makes it replace traditional metal or wood in many fields. It is already an integral part of the modern materials field.





## A.Specification

Skin Material	Thermoset FRP Sheet, Thermoplastic CFRT Sheet
width	<2500mm
Total Thickness	10-100mm
Length	<12000mm
Core Density	30~300kg/m <sup>3</sup>
Core Material	XPS Foam, PU foam, PET foam, PVC foam, EPP foam, MPP foam.
Processing	CNC machining, Embedded structure
Application	RVs, box trucks, buildings, furniture, boats.

## B.Structure of Fiberglass Foam Sandwich Panels




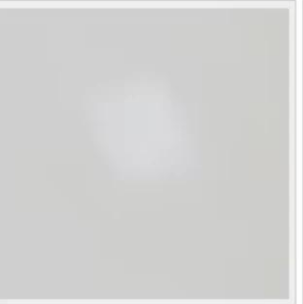




The skin of fiberglass foam panels is FRP material, and the FRP material can be thermoset FRP sheet or thermoplastic CFRT sheet; the middle core material is foam board, usually made of XPS, PET, PVCEPP, PU, MPP, and other foam boards. The skin and core are held together by compression molding using high-

quality glue.

C. Characteristics of Fiberglass Foam Core Panels



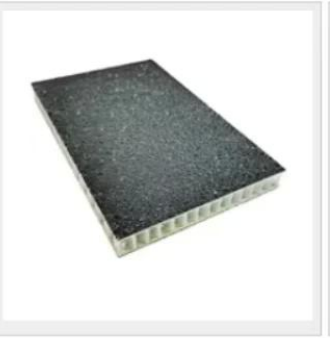





- Lightweight and high strength.
- Thermal insulation.
- Waterproof and moisture-proof.
- Smooth and flat surface.
- Fireproof, non-flammable.
- Durable, long service life.

FRP Sheet Skin Surface Types

Without Gel-coat	Standard	Surface Mat	Matte
			
Woven Based	Pebbled	Anti Slip	Gritted
			

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FRP Composite Panels Types

PU Foam Core	XPS Foam Core	PP Honeycomb Core	Plywood Core
			
PVC Foam Core	PP Hollow Core	4 layers Panel	5 layers Panel
			

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.

## Company Profile

Welcome to Shenzhen Hongfu Tongxin Technology Co., Ltd! Shenzhen Hongfu Tongxin Technology Co., Ltd is a professional manufacturer of glass fiber products and plastic products. Our group had two factories, one is FRP production in Dongguan, the other is plastic sheet extrusion and vacuum forming in Foshan. We have been in fiberglass products and plastic products processing and customized design industry for 16 years, and have rich experience in providing project solution with excellent service. We are not only material suppliers, but also the provider of project solutions. We appreciate your visit on our site, welcome to contact us!



