

A. FRP Sandwich Panel

Also known as GRP/FRP composite panel, which structure is FRP skin + core material + FRP skin.

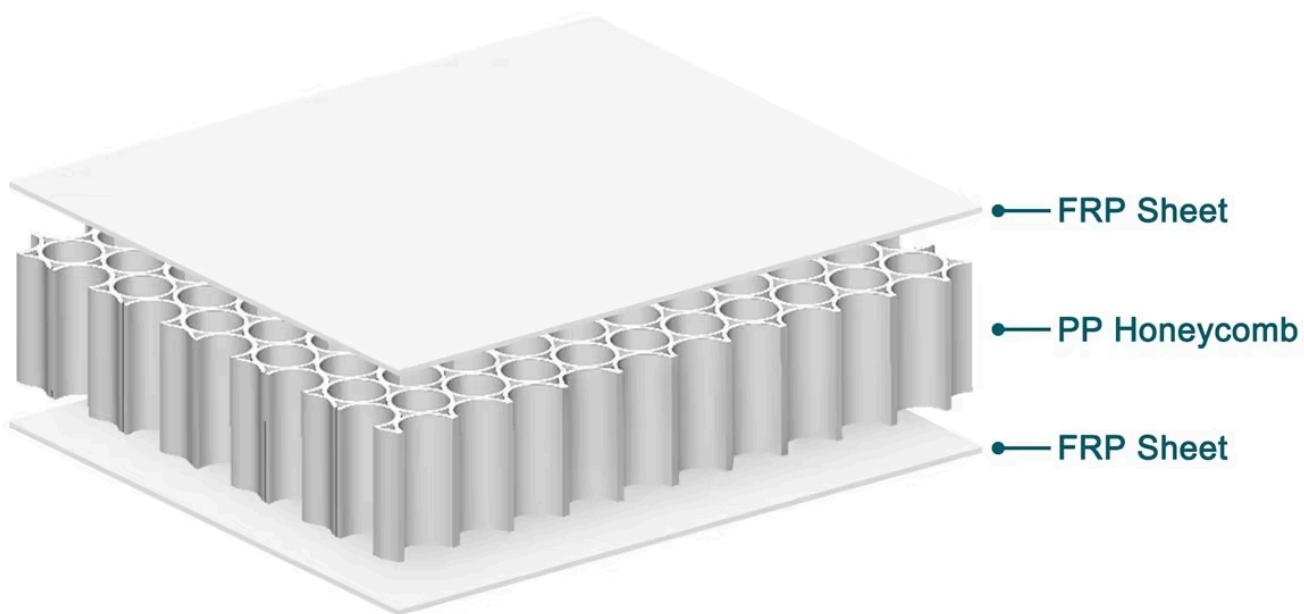
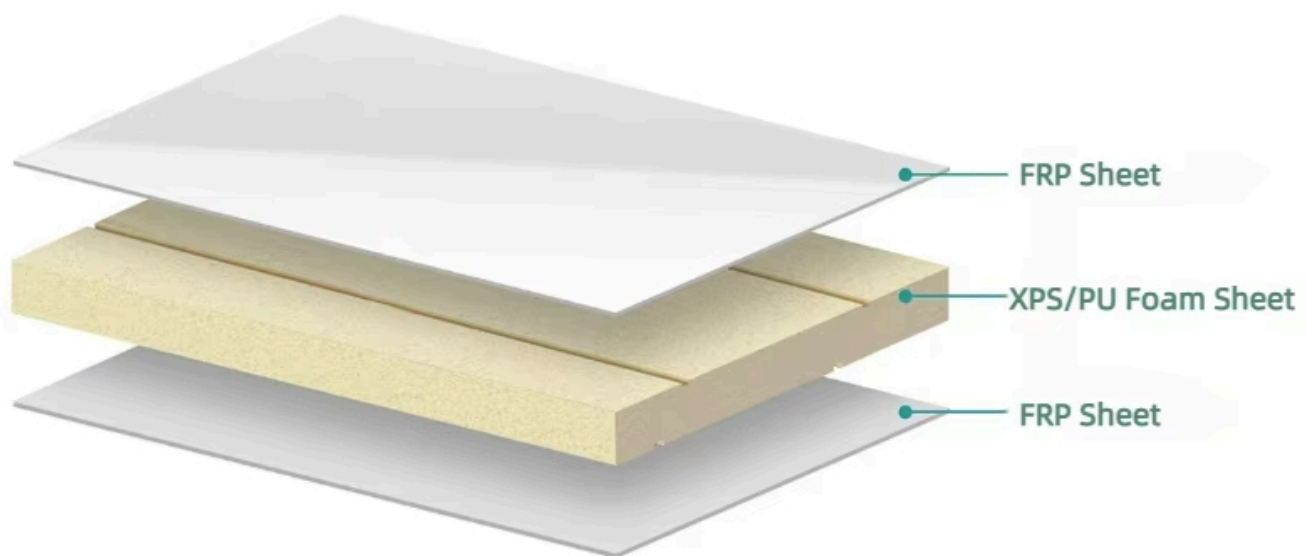
FRP composite panel is a high-tech, high-quality new sheet, it does not occur in the ultra-low temperature of 40 degrees brittle crack, high temperature below 100 degrees will not be deformed, and can prevent heat transfer.

FRP composite panels can replace color steel plate, aluminum, etc., and to overcome the traditional products rust, corrosion, easy to depression deformation, can not adapt to harsh environments and other shortcomings.

FRP composite board with gel coated, can be self-cleaning, anti-UV, anti-static, etc., is the most popular international truck body and van panel.

B. FRP Sandwich Panel Features

- >> High mechanical strength and good impact toughness;
- >> Roughness surface and easy to clean;
- >> Corrosion resistance, wear resistance, yellowing resistance, anti-aging;
- >> High temperature resistance;
- >> No deformation, low thermal conductivity, excellent insulation properties;





Item	FRP XPS composite panel
Core Material	XPS foam, Extrude Polystyrene
FRP skin	1.0-3.0MM
Core	10-100MM
Witdth	Max 2500MM
Length	Max 12000MM
Color	White/colored
Thickness (mm)	Weight(kg/㎡)
50	8.35
60	8.7
70	9.05
80	9.4



Item	FRP PP composite panel
Core Material	PP Honeycomb
FRP skin	1.0-3.0MM
Core	5-100MM
Witdth	Max2500MM
Length	Max 12000MM
Color	White/colored
Thickness (mm)	Weight(kg/㎡)
15	7.5
18	8
21	8.5

Main Performance data

No	Item	Test results	Test method
1	Static strength	$\geq 25\text{MPa}$	GB/T17657
2	Elastic modulus	$\geq 2000\text{MPa}$	
3	Flat compressive strength	$\geq 1.2\text{MPa}$	GB/T1453
4	Edgewise compressive strength	$\geq 10.5\text{MPa}$	GB/T1454
5	Tensile strength	$\geq 0.5\text{MPa}$	GB/T1452
6	Barcol hardness	≥ 42	GB/T3854



Item	FRP Plywood composite panel
Core Material	Plywood
FRP skin	1.0-3.0MM
Core	3-20MM
Width	Max 1220MM
Length	Max 2440MM
Color	White/colored
Thickness (mm)	Weight(kg/㎡)
5	12
8	14
11	16



Shelter



Caravan



Camper



Ambulance



Travel trailer



Refrigerator truck



Dry Cargo Van



Tank Truck



Incubator