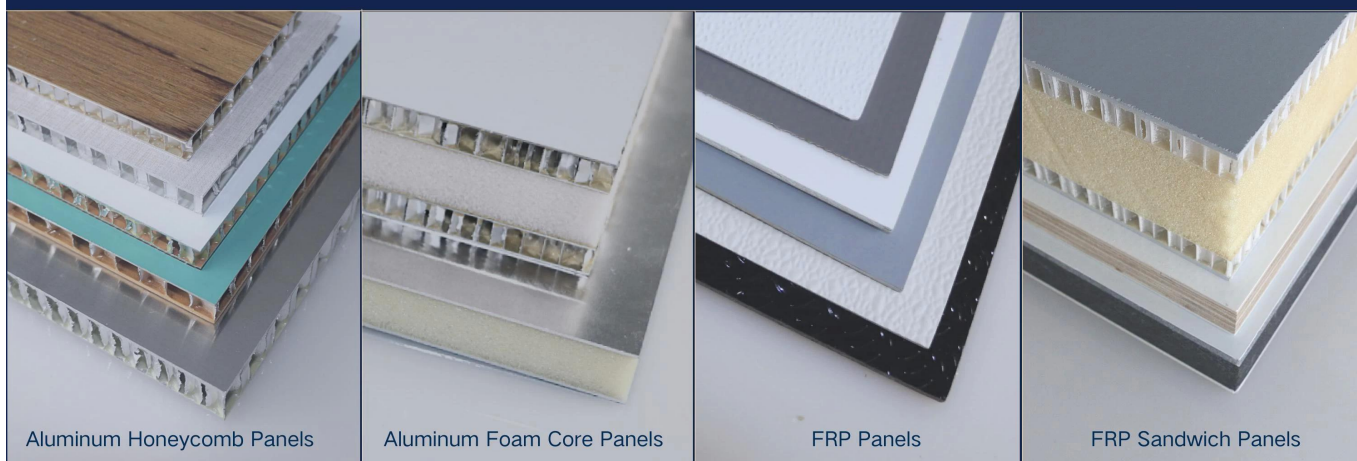


Aluminum Sandwich Panel

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.



Aluminum Honeycomb Panels

Aluminum Foam Core Panels

FRP Panels

FRP Sandwich Panels

Aluminum sheet
+
Aluminum
honeycomb core
+
Aluminum sheet

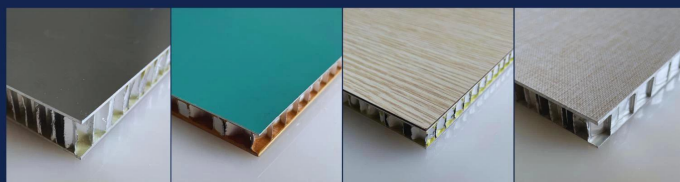
Aluminum sheet
+
XPS/PU
foam core
+
Aluminum sheet

FRP flat sheet

FRP gelcoat sheet

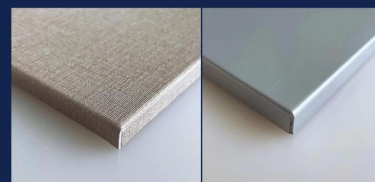
FRP patterned sheet

FRP sheet
+
XPS/PU/Plywood/
PP Honeycomb
+
FRP sheet



Aluminum
Honeycomb
Panels

Customized services available

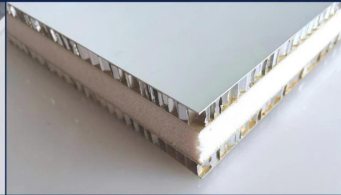
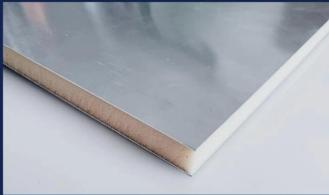


SPECIFICATION

Panel size	1200*2400, 1400*3000, 1200*240, 1400*3000, 2000*6000mm or customized
Total thickness	10~100mm
Upper & Bottom skin	0.8mm~3.0mm
Core thickness	0.5mm~100mm
Aluminum series	1100, 3003, 3014, 5005, 5015, 6063, etc.
Surface treatment	Embossed, mirror, embossed, brushed, electroplated, anodized, matt, high-gloss
Coating	PE/PVDF
Surface pattern	Wood grain, stone grain

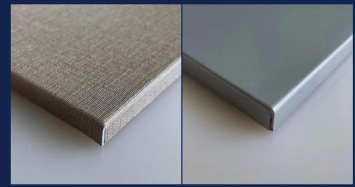
FEATURES

- ✓ High surface flatness.
- ✓ Lightweight, high strength, not easy to deform.
- ✓ Sound insulation, anti-vibration, fireproof and moisture-proof.
- ✓ The finish paint is resistant to weathering and chemical corrosion.
- ✓ Easy to install and maintain.
- ✓ Available in a variety of colors and surface treatments.
- ✓ Luxurious and beautiful, durable.



Aluminum Foam Core Panels

Customized services available

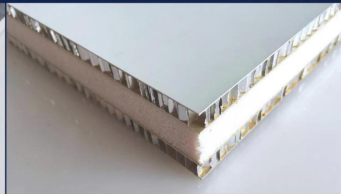


SPECIFICATION

Panel Width	1000mm, 1220mm, 1500mm or as required
Panel Length	2440mm, 3200mm, 4880mm, 5800mm or as required
Skin Layer Thickness	0.1~2.0mm
Core Material	XPS (Extruded Polystyrene) Foam, PU (Polyurethane) Foam
Core Thickness	15~100mm
Aluminum Surface Treatment	Mechanical treatment: brushing, sandblasting, polishing, embossing, etc; Prepainting: PE, PTFE, PVDF, FEVE, PVDF; Anodizing

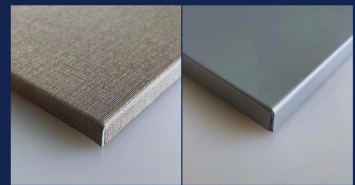
FEATURES

- ✓ Excellent insulation and low thermal conductivity.
- ✓ Lightweight
- ✓ Sound insulation
- ✓ Fireproof
- ✓ Anti-vibration
- ✓ Available in a variety of surface treatments.
- ✓ Smooth surface



Aluminum Foam Core Panels

Customized services available

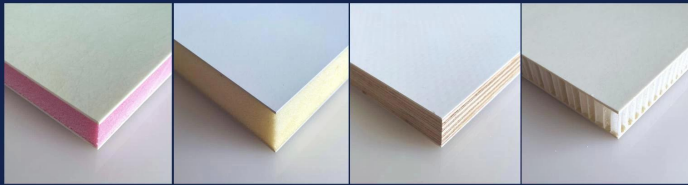


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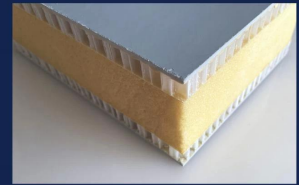
FEATURES

- ✓ Excellent insulation and low thermal conductivity.
- ✓ Lightweight
- ✓ Sound insulation
- ✓ Fireproof
- ✓ Anti-vibration
- ✓ Available in a variety of surface treatments.
- ✓ Smooth surface



FRP Sandwich Panels

Customized services available

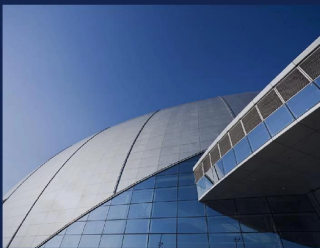


SPECIFICATION

Facing Material	FRP Sheet (Thermoset)
Core Material	XPS, PU, PP Honeycomb, Plywood
Width	0.1~3.2m
Thickness	10~120mm
Length	2~12m
Surface Color	RAL Color Series

FEATURES

- ✓ Low thermal conductivity, excellent insulation.
- ✓ Light weight, high impact strength.
- ✓ Soundproofed & Noise reduction.
- ✓ Smooth surface, easy to clean.
- ✓ Corrosion resistance, wear resistance, anti-aging.
- ✓ High temperature resistance.



Walls and Sides



Suspended ceilings



Automotive field



Lift Interiors & Exteriors

APPLICATION

Aluminum Honeycomb Panels & Aluminum Foam Core Panels



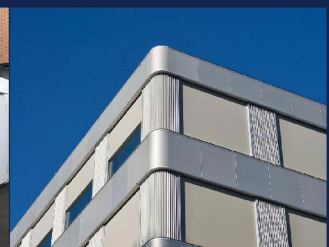
Refrigerated trucks, dry freight trucks, mobile catering trucks, etc.



Motorhomes, campers, caravans, travel trailers, etc.



Cold room



Building wall panels



Walls and sides, partition wall



Wall cover for hospital, Cleanroom etc.



Cold room



Sentry boxes

A P P L I C A T I O N

FRP Panels & FRP Sandwich Panels



RVs
Sidewall panels, floors, and roofs for motorhomes, caravans, and campers.



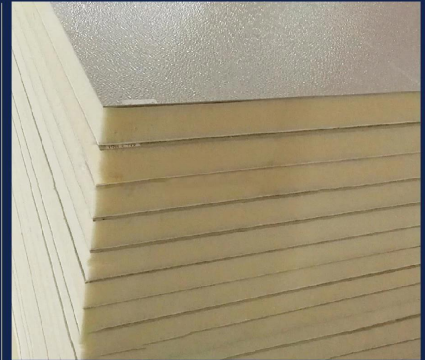
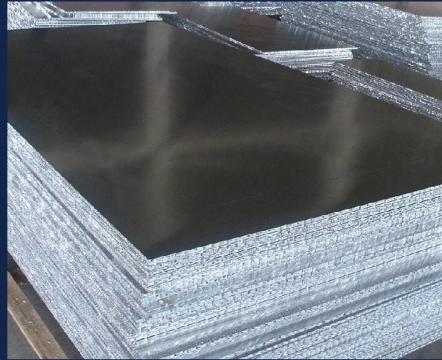
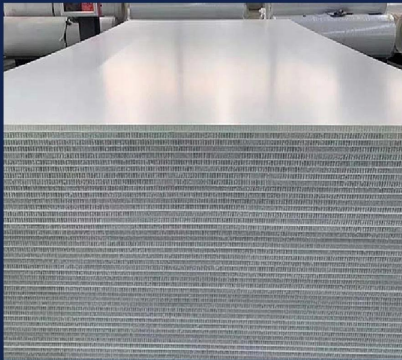
Trucks
Dry freight and refrigerated trucks



Buildings
Mobile homes, mobile toilets, bedroom door panels, etc.



Furniture
Tables and chairs, storage cabinets, partitions, etc.



A B O U T U S

FORE is a professional material manufacturer with more than 10 years experience in China.

We are dedicated to composite materials in the fields of automotive, construction, etc.

With the German advanced equipments and technologies , we are specialized in the production of FRP sheet, FRP sandwich panel, Aluminum sandwich panel , etc., OEM&ODM skin and core materials panel.