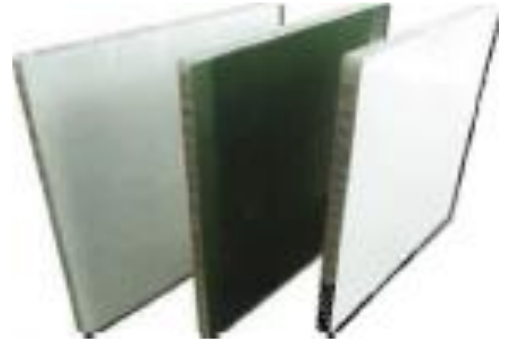


Composite Panels

Plastic honeycomb cored composite panels are made of prefabricated fiberglass reinforced plastic sheets, high-strength woven roving and plastic honeycomb sheets as core materials, bonded together under high vacuum pressure. The gelcoat on surfaces are FDA approved, friendly to food.

Advantage: light weight, corrosion resistance, smooth and glossy surface,, UV ad weather resistance, easy to repair, long time using. Custom made aluminium extrusions to join body panels giving easy assembly. Bodies can be supplied either fully built or in CKD form.



Thickness: 15mm, 18mm, 21 mm, can be customized. Colour: RAL9003 or customized as per colour samples Sizes available: 16.5m long and 3.2m wide at maximum

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

No	Thickness of panels (mm)	Weight ((kg/m ²))
1	15	7.5
2	18	8
3	21	8.5

