

Reinforced isothermal panel

Panel in polyurethane foam coated on both sides with 4 mm plywood for more rigidity and a better resistance to shocks.



ISOLIT



Polyurethane foam core between two plywood sheets of 4 mm and coated on both sides with glass fibres reinforced polyester resin

Thicknesses and weights

THICKNESS in mm	25	30	40	50	80	100	120
Weight kg/m ² ISP	9,6	9,9	10,4	10,8	12,2	13,1	14,0
Weight kg/m ² ISP3	10,4	10,7	11,2	11,6	13,0	13,9	14,8
Weight kg/m ² ISP4	11,2	11,4	11,9	12,3	13,7	14,6	15,5
Weight kg/m ² ISP5	12,9	13,2	13,7	14,1	15,5	16,4	17,3
Coefficient of insulation W/m ² .°K (ISP)	1,65	1,26	0,86	0,65	0,38	0,30	0,24

Advantages :

Isothermal properties.

The two plywood sheets of 4 mm facilitate the fixing of different elements on the panel and improve the surface finish.

Types/Glass reinforcement :

ISP : 950g/m² ISP4 : 1530g/m²
ISP3 : 1100g/m² ISP5 : 2130g/m²

Polyurethane-foam density :

Standard : 35 kg/m³
Other density : on request.

Dimensions :

Standard height : 2500 mm
Maximum height : 3070 mm
Special sizes : upon request.

Standard length : up to 13 550 mm

Upon specific request:

Panels protected with plastic film .

Special panels answering your needs. For example : isothermal panels for bulkheads with wood or metal reinforcements, ...



... isothermal roof panels with reinforcements to fix different equipments, tubes for electrical wiring, side walls with specifics inserts, rebates...

Applications: insulated bodyworks, isothermal and refrigerated containe catering and store vehicles.

