

SANDWICH PANEL 30mm RecuBox

Technical DATA SHEET

Product description

Sandwich panel composed by external surface of polyester reinforced with fiberglass and an extruded polystyrene insulating core (XPS) bonded by a bi-component adhesive with polyurethane base.

Technical specifications

PROPERTIES		TYPE OF SANDWICH PANEL (30mm)		
		WITHOUT Internal reinforcements		WITH Reinforcements (of polyester)
		Polyester thickness: 1.6 mm (A)	Polyester thickness: 2.0 mm (B)	Polyester thickness: 1.6 mm (R)
PHYSICAL	External color	White RAL 9016	White RAL 9016	White RAL 9016
	Thickness	30 mm	30 mm	30 mm
	Width max.	3000 mm	3000 mm	3000 mm
	Length max.	13500 mm	13500 mm	13500 mm
	Weight	6.29 kg	6.69 kg	6.40 kg
THERMAL	Thermal conductivity	0.038 W/mK	0.038 W/mK	0.039 W/mK
	Resistance to UV radiation	Sí	Sí	Sí
	Work temperature	-40 °C / +75 °C	-40 °C / +75 °C	-40 °C / +75 °C
MECHANICAL	Breaking stress	1.2 Mpa	1.4 Mpa	2.0 Mpa
	Deflection max.	24.52 mm	23.79 mm	35.12 mm
	Barcol Hardness	40-50 °Barcol	40-50 °Barcol	40-50 °Barcol

(*)All our panels are manufactured with materials that contain polymer chains suitable for transport and preservation food.

Breaking resistance graph for reinforced panel

