

SANDWICH PANEL 40mm 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 (40mm)	
		WITHOUT Internal reinforcements	CON Refuerzos (de Poliéster)
		Polyester thickness: 1.6 mm (A)	Polyester thickness: 1.6 mm (R)
PHYSICAL	External color	White RAL 9016	White RAL 9016
	Thickness	40 mm	40 mm
	Width max.	3000 mm	3000 mm
	Length max.	13500 mm	13500 mm
	Weight	6.69 kg/m ²	6.84 kg/m ²
THERMAL	Thermal conductivity	0.038 W/mK	0.038 W/mK
	Resistance to UV radiation	Sí	Sí
	Work temperature	-40 °C / +75 °C	-40 °C / +75 °C
MECHANICAL	Breaking stress	1.7 Mpa	2.3 Mpa
	Deflection max.	24.56 mm	26.34 mm
	Barcol Hardness	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

