


PANEL LIDERfoam®
DESCRIPTION

- sandwich panel basically made of 2 main components: poliester skin, and nucleus, joined by bicomponent polyurethane adhesive.

- sandwich panel are produced in 2 different lines depending on the insulator nucleus used: Extrude Polystyrene (XPS) or polyurethane (PUR).

- Besides this basic range we are able to add all type of internal reinforcement adapted to the needs of our customers.

Basic composition of the pannel

External Face	Polyester skin	
	Standard Color : +/- Ral 9016 weight: 675GR / 1125GR Radiation UV resistant Apt for transport of food	possibility to mount another one depending on the order
Core	Extruded Polystyrene (XPS)	Density: 40 Kg/m ³ (technical document of the supplier available)
	Polyurethane (PUR)	Density: 40 Kg/m ³ (technical document of the supplier available)
Internal Face	Polyester skin	
	Standard Color : +/- Ral 9016 Weight: 675GR / 1125GR Radiation UV resistant Apt for transport of food	possibility to mount another one depending on the order
Adhesive	polyurethanic bicomponent combination (Polyol+isocyanate)	

Standard Dimensions

Lenght	Widht	Standard thicknesses	
Until 13600 mm	> 1900	En XPS: 25 - 30 - 70 - 90	(Depending on the order)
	< 3000	En PUR: 70 - 90	(Depending on the order)

Mechanic Properties

	XPS	PUR	Regulation
Thermal resistance	0,031 λ (W/m·K)	0,025 λ (W/m·K)	UNE-EN 12667:2002
behaviour to compression	381 σ ₁₀ (Kpa)	145 σ ₁₀ (Kpa)	UNE-EN 826:1996
Traction resistance	1766 F _m (N)	1609 F _m (N)	UNE-EN 1607:1997
	177 σ _m (Kpa)	156 σ _m (Kpa)	
Water absorption	0,05 W _p (Kg/m ²)	0,06 W _p (Kg/m ²)	UNE-EN 1609:1997
Dimensional Stability under specific temperatures and humidity conditions	Δε _d < 0,1 %	Δε _d < 0,001 %	UNE-EN 1604:1997