



LIDERwood® panel



Plywood panel basically made of two main components: polyester skin and wood, joined by two-component polyurethane adhesive. It is the most robust and resistant self-manufactured panel.

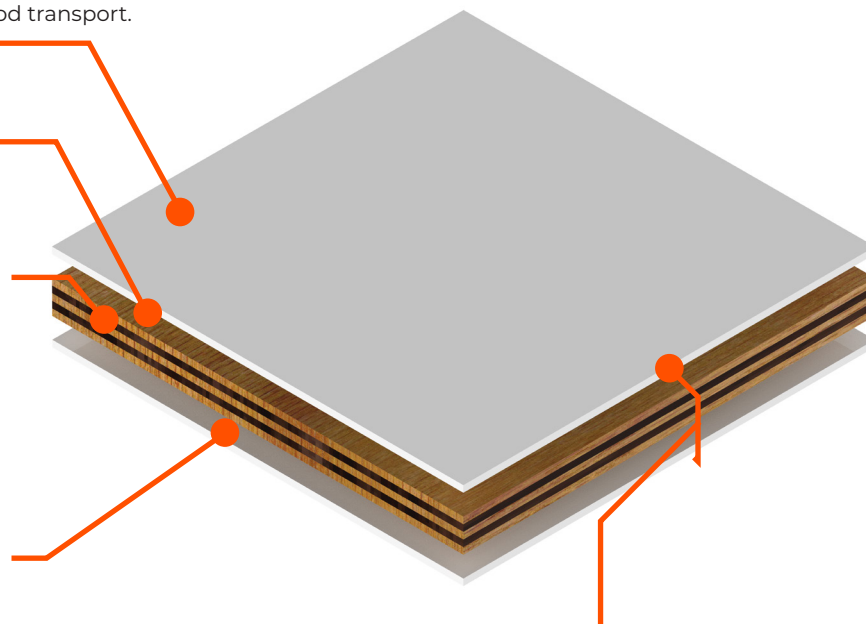
Its basic composition is:

» **Exterior face:** RAL 9016 standard color polyester face and a grammage of 675 gr, both factors can be modified according to customer needs. It is suitable for food transport.

» **Adhesive:** two-component polyurethane (Polyol + Isocyanate).

» **Core:** plywood composite available in different thicknesses.

» **Interior face:** RAL 9016 standard color polyester face and a grammage of 375 gr, although it can be modified according to the client's needs. It is resistant to ultraviolet radiation and suitable for food transport.



» **Standard dimensions:** the length is available up to 13600 mm, and the width in measures established between 1900 and 3000 mm, and thicknesses of 14 mm, 17 mm or 20 mm.

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» Mechanical properties:

		Norm
Thermal resistances	$\lambda = 0,1 \text{ (W/m}\cdot\text{K)}$	UNE-EN 12667:2002
Compression Behaviors	500 Kpa (until break)	UNE-EN 826:2013
Tensile strength perpendicular to both faces	120kPa	UNE-EN 1607:2013
Flexural strength	100-140 kPa (depending on thickness)	UNE-EN ISO 14125:1999
Dimensional stability under specific conditions of temperature and humidity	$\Delta\epsilon_d < 2 \%$	UNE-EN 1604:2013
Mass/m2 of panel	Between 9 and 15 Kg/m2 (according to thickness)	N/A