



# *performance poplar*

XPS

**Ultralight premium plywood panel  
with outstanding thermal insulation**

*Quality that challenges perfection*



- **ULTRALIGHT AND EXCEPTIONAL THERMAL INSULATION**
- **PERFECT DIMENSIONAL STABILITY MATCHED BY AN EXCELLENT RESULT IN ELASTICITY AND RUPTURE MODULES**
- **DEMANDING APPLICATIONS, SUCH AS CARAVANS, FURNITURE AND DECORATION, DOORS, ROOFS AND PANELLING**



## **garnica**

Challenge the ordinary

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Finishes available:

UV

HPL

CPL

MDO

PRM

## Product description:

Ultralight sandwich panel consisting of an XPS interior (extruded polystyrene) and premium quality poplar plywood.

Combining the excellent mechanical properties of Garnica poplar plywood with an insulation material like XPS produces a panel with improved performance that is ideal for the most demanding applications in terms of insulation and weight.

Stability, lightness, surface quality, easily machined and maximum sustainability are characteristics of plywood made from poplar, a timber extracted from fast-growing European plantations.

**Glue Type:** Class 1 (interior) according to the rule EN 636

**Emission:** Class E1 according to the rule EN 13986

**Quality faces:** B/BB

## Applications/Uses:

Specifically designed for applications seeking to lighten load weight, such as the caravan industry and the furniture and decoration trade, or where thermal insulation is especially important, such as doors, roofs or panelling.



CE

### Formats

2500x1220 mm  
Total thickness

12 mm	15 mm	18 mm	22 mm	24 mm	32 mm	
4	4	4	4	4	4	plywood
4	7	10	14	16	24	xps
4	4	4	4	4	4	plywood
	4.5	4.5	4.5	4.5	4.5	plywood
	6	9	13	15	23	xps
	4.5	4.5	4.5	4.5	4.5	plywood
		6	6	6	6	plywood
		6	10	12	20	xps
		6	6	6	6	plywood

3100x1530 mm and other thicknesses upon request. Formats may vary without notice.  
Please contact your local sales manager to check the availability in your region.

### Technical features

Total thickness (mm)	Composition (mm)	Weight per m <sup>2</sup>	Density (Kg/m <sup>3</sup> )	Face Screw Holding (kgf)	Moisture (%) Panel	MOE (N/mm <sup>2</sup> )		MOR (N/mm <sup>2</sup> )		Thermal performance	
						Long.	Perp.	Long.	Perp.	Thermal resistance "R" (m <sup>2</sup> ·K/W)	Thermal transmit. "U" (W/m <sup>2</sup> K)
18	4.5 + 9 + 4.5	4.48	249	54	8-12	1900	2500	17	14	0.496	2.01

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