



ultralight

Ultralight and High Insulation Sandwich Panels

Lightness that challenges the impossible



- **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, PANELLING AND DIGITAL PRINTING**
- **ALSO AVAILABLE WITH ULTRA-DURABLE PLYWOOD FOR OUTDOOR USE**
- **EXCEPTIONAL PROPERTIES:**
 - CALIBRATED
 - DIMENSIONAL STABILITY
 - EASY-TO-MACHINE

Distributed by



garnica

Challenge the ordinary

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Finishes on request:

HPL CPL



Product description:

Ultralight sandwich panels with an insulating XPS core, a plywood panel made from European poplar sourced from sustainable plantations and with a wide range of finishes.

Its light-coloured faces and premium-quality internal sheets make it ideal for painting, laminating/film coating and digital/screen printing.

Combining the excellent mechanical properties of Garnica plywood –lightness, stability and machinability. The Ultralight extruded polystyrene produces an exceptional improved panel with insulating benefits.

Finishes available: Poplar BB/BB*, Birch (D-D), Maple (D-D) and decorative HPL/CPL.

* B/BB faces also available on demand for digital printing

Also available with plywood modified using an innovative treatment which provides exceptional durability in outdoor uses and offers a 5 year guarantee against delamination and fungal and xylophagous insect attack. Please contact your local sales manager for information about formats, certifications and technical characteristics.

Applications/Uses:

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

Also ideal for applications seeking for a lightweight printing substrate such as displays, posters, stands and authentic advertising campaigns.



Formats



Dimensions (")	48.5 x 96.5 48.5 x 120.5* 60.5 x 120.5*				
Thickness (")	5/8	3/4	1	1 1/2	2
Weight (lbs/panel)	28.5	29.2	30.7	33.7	36.6

* Sizes only available for poplar faces

Other dimensions and thicknesses available upon request.

Formats may vary without notice. Please contact your local sales manager to check the availability in your region.

Technical features

Thickness (")	Weight (Lb/ft²)	Density (Lb/ft³)	Face Screw Holding (N)	Moisture content (%)	MOE (N/mm²)		MOR (N/mm²)		Thermal performance	
					Long.	Perp.	Long.	Perp.	Thermal resistance "R" (m²·K/W)	Thermal transmit. "u" (W/m²·K)
3/4	0.902	14.42	410	6-14	1,500	2,500	17	14	0.369	2.71

Wood is a natural material and as such is unique in appearance & so often has naturally occurring variations in colour, texture and grain pattern. The photographic reproductions used simply provide an example of a product's appearance & may not be representative of the full range of colour, texture and grain variations. The data provided in this product specification should be used solely as a guide & is of no contractual value. It is the responsibility of the acquirer to determine if the product is suitable for the required application, to ensure that both the place & form of use are appropriate & in accordance with the manufacturer's requirements & recommendations & is in line with current regulations.

* Density: thickness 3/4" (± 5% tolerance)

CE CARB Phase 2 / TSCA Title VI*

Certifications on demand:



* Applicable to the plywood panels

Member of:



KITCHEN CABINET MANUFACTURERS ASSOCIATION

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