

ultralight

ULTRALIGHT, INSULATING, HIGH-PERFORMANCE SANDWICH PANELS



*Lightness that challenges
the impossible*



Excellent insulation

Both thermal and acoustic, accredited according to UNE-EN ISO 10140-2:2011.



Dimensional stability

Excellent results in terms of modulus of elasticity and rupture.



Easy-to-machine

Very easy to machine and sand using all sorts of tools: traditional, CNC and wood shapers.



Quality XPS core

High mechanical resistances, water tolerance, uniform seal and cellular structure.



Ultra-lightweight

Specially designed for lightweight applications.



HPL

Laminated finish

Available with laminated finish in different colours and wood textures.

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Challenge the ordinary

ultralight

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Ultralight sandwich panels comprise an insulating XPS –extruded polystyrene– core, plywood panel made from European poplar sourced from sustainable tree farms and a wide range of finishes of exceptional surface quality.

Combining the excellent mechanical properties of Garnica plywood –lightness, stability and machinability– with an insulating and ultralight material such as extruded polystyrene, produces a panel with superior performance.

The Ultralight range is available in:

- Ultralight Poplar: Poplar plywood and XPS core.
- Ultralight Duraply: Durable plywood and XPS core.
- Ultralight ewood: Poplar plywood and e-wood faces with XPS core.

Applications:

Lightweight applications or where thermal insulation and soundproofing are particularly important, including for outdoor use.

Plywood



XPS



Plywood



Available with decorative laminate finish* of exceptional beauty and resistance to impact and scratching.

* Laminate finishes are not suitable for exterior use.

HPL

Detailed info:

- Sizes
- Thicknesses & compositions
- Bonding
- Technical specs
- Certifications

Scan or click here



Mobility and transportation



Furnishings and interior decoration



Outdoor use*

*Ultralight Duraply



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- Garnica Plywood
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Health and safety: The user/recipient of the product is obliged to carry out risk assessments of the people whom are going to process/transform it based on the local health and safety legal requirements, implementing the necessary controls in order to provide appropriate preventive measures: e.g. manual handling, dust extraction in case of cutting/sanding, use of personal protection equipment, etc. You can request more information at info@garnica.one.