

ultralight



Ultralight Duraply sandwich panels are made up of an insulating XPS (extruded polystyrene) core combined with plywood modified through an innovative treatment that provides exceptional durability. This combination results in a panel with superior performance.

Ideal for outdoor applications, doors, or highly demanding humid environments.

DIMENSIONAL AND MOISTURE CHARACTERISTICS

Thickness tolerance

- ± 0.4 mm.
 - Thickness differences within the same panel are allowed up to ≤ 0.3 mm.
- Valid ex works based on a moisture content of about 6 to 14 %

Length/width

- $+2/-0$ mm.

Edge straightness

- Allowed 1mm/m length

Squareness

- Allowed 1mm/m length

Flatness

Full panel size measured on a flat surface

- Flatness tolerance for standard panels is 20 mm for thicknesses ≤ 6 mm, and 15 mm for thicknesses > 6 mm.
 - Flatness tolerance for XL panels is 20 mm.
- Adequate climatization is recommended to obtain the best results

Moisture content

- Typical moisture content is between 6-14% when leaving the factory
- The moisture content may change during warehousing and transportation



DURAPLY – Face veneer quality BBA

BBA face with natural colouring of the poplar heartwood and occasional presence of knots ideal for lamination with standard HPL and veneers.

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NATURAL CHARACTERISTICS

Pin knots	■ Allowed
Dead, tight and loose knots	■ Up to 7 knots/m ² , each ≤ Ø 50mm in diameter, are allowed
Open splits	■ Up to 5 properly filled splits with a width less than 20 mm are allowed
Natural colour variations	■ Allowed
Anomalies caused by fungi	■ Not allowed
Surface roughness	■ Allowed if it is smooth

MANUFACTURING DEFECTS

Unnatural colour variations	■ Color variations (dark brown tones with occasional purplish coloration) inherent to durable treatment are allowed
Knife marks Knife marks, lathe marks	■ Allowed if smooth
Press mark, dents	■ A maximum of 4 properly filled small defects is permitted
Gaps in veneers beneath the top layer	■ Allowed if they measure less than 5 mm in width
Sanding marks	■ Not allowed
Wavy sanding	■ Not allowed
Unsanded áreas	■ Not allowed
Sanding through (due to core defect)	■ Small isolated areas are allowed
Delamination	■ Not allowed
Jointed faces	■ Not allowed



This photos are intended to show the natural variability of the wood within the same Quality grade, in the batches photographed. The different Quality grades have a wide range of admissible defects; consequently, these photos do not imply any guarantee from Garnica that they are representative of other batches. They are simply examples of what might be found in each Quality grade.