



Garnica **Fireshield Marine** Plywood is modified by a fireproof treatment that provides the entire panel exceptionally fire resistant. Specially designed for indoor use.

DIMENSIONAL AND MOISTURE CHARACTERISTICS

Thickness tolerance

- +0,3/-0,5 mm
- Thickness differences within the same panel are allowed up to $\leq 0.3\text{mm}$.
Valid ex works, based on a moisture content of about 6 to 14 %.

Length/width

- $+2/-0\text{ mm}$

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 $\leq 6\text{ mm}$, and 15 mm for thicknesses $> 6\text{ mm}$.
- Flatness tolerance for XL panels is 20 mm.
Climatize the panels 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

FIRESHIELD – BBA

BBA face could present heterogeneous greyish tones due to fireproof treatment, not recommended for aesthetics applications; in such cases a lamination process is preferred.

NATURAL CHARACTERISTICS

Pin knots	■ Allowed
Dead, tight and loose knots	■ Up to 30 knots, each ≤ 50 mm in diameter, are allowed
Open splits	■ Up to 6 properly filled splits with a width less than 20 mm are allowed
Natural colour variations	■ Allowed, if they are not black
Insect anomalies	■ Isolated defects are allowed
Surface roughness	■ Allowed if smooth

MANUFACTURING DEFECTS

Unnatural colour variations	■ Color variations (greyish tones) inherent to fireproof treatment are allowed
Cross-grain marks Knife marks, lathe marks	■ Allowed if they are smooth
Mesh mark	■ Allowed
Press marks, dents	■ A maximum of 4 properly filled small defects is permitted
Gaps in veneers beneath the top layer	■ Allowed if they measure less than 10 mm
Sanding marks	■ Not allowed
Wavy sanding	■ Not allowed
Sanding through	■ Small isolated areas are allowed
Unsanded areas	■ Not 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.