



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

<b>Pin knots</b>	■ Allowed
<b>Dead, tight and loose knots</b>	■ Up to 7 knots/m <sup>2</sup> , each ≤ 50 mm in diameter, are allowed
<b>Open splits</b>	■ Up to 5 properly filled splits with a width less than 20 mm are allowed
<b>Natural colour variations</b>	■ Allowed, if they are not black
<b>Insect anomalies</b>	■ Isolated defects are allowed
<b>Surface roughness</b>	■ Allowed if smooth

### MANUFACTURING DEFECTS

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