



# FIRESHIELD<sup>®</sup> MARINE

## Definition

Panel modified through an innovative ply-to-ply process that gives it exceptional flame retardant properties. Unlike other treatments, its properties remain intact when working or sanding the panel.

## Application

The specifications have been designed to be used in public places, trains, ships... Furniture and construction or decorative elements.

This product meets current regulations in force. It is classified as a *low flame-spread material* according to MED by IMO and carries the important Wheelmark brand.

Fireshield<sup>®</sup> is also certified as *B-s1-d0* according to EN 13501, enabling this material for building and construction use.

In addition, it has been tested according to other standards obtaining the following classifications:

- Class M1 according to NF P 92-501:1995
- Class F1 according to NF F 16-101

## Advantages

Lightweight  
Dimensional stability  
Easy-to-machine  
High quality for gluing and bonding

## Faces

BB/BB – suitable for applying additional surface layers. Smooth – no open defects. Discolouration allowed.

## Edges

Furniture-boards : square edges  
Flooring-boards : TG4 (tongue & groove on all four sides)

## Sizes

Furniture-boards : 2440x1220mm  
Flooring-boards : 2400x600mm (excl TG)

## Thicknesses

Furniture-boards : 3-50mm\*  
Flooring-boards : 21mm, 24mm

\*) Per December 2016, thickness 3-21.5mm is approved according to MED FTFC 2010. 22-50mm is under testing and certificate pending.

## Physical Characteristics

	Values	Standard
Density (kg/m <sup>3</sup> ), average	<b>440-480</b>	<b>UNE EN 323</b>
Elasticity modulus (N/mm <sup>2</sup> )	<b>3,400-4,700</b>	<b>UNE EN 310</b>
Face Screw Holding (kgf)	<b>135</b>	<b>UNE EN 320</b>
Moisture content (%)	<b>6-14</b>	<b>UNE EN 322</b>

*Wood is a natural material and as such is unique in appearance & so often has naturally occurring variations in color, 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 color, 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.*

*The thickness in quantity delivered is subject to a tolerance of +/-0,3mm (3-10mm thickness) and +0,3mm/-0,5mm (11mm thickness and onwards)*

*This technical information sheet represents our latest state of knowledge and shall inform without obligation. The herein stated details do not release the manufacturer of our products from their own inspections and tests, which must correspond with the relevant national guidelines for its individual intended purpose. Especially it is the duty of the customer to control if the purchased product is suitable for its intended purpose.*

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