



*Innovation that  
challenges flames*



**garnica**  
Challenge the ordinary



### Resistance

Exceptional fire-retardant properties certified under the most demanding testing methods including ASTM E-84. Exterior\* (MUF) CARB Phase 2 glue line.

\*According AW100



### Versatility

Its finishing options, lightness, ease of machining and dimensional stability means it adapts to an array of applications.



### Quality

Innovative treatment that renders the entire panel exceptionally fire resistant, even after sanding or machining.



### Responsibility

Fireshield is certified to CARB Phase 2 emission, TSCA Title VI and PEFC or FSC® standards. LEED credits possible for low emitting material and certified material.



### Sustainability

Wood from fast-growing European plantations, offering both durability and sustainability.



### Experience

Garnica has a 75-year history of innovation in the world of wood products.

Rigorously tested and certified, Fireshield plywood panels are modified using an innovative treatment that renders the entire panel exceptionally fire resistant, even after sanding or machining.



# Applications

## Construction - Furniture

Fireshield Building is the ideal solution for furniture and construction projects in restaurants, auditoriums, schools and other public buildings. In addition its ASTM E-84 certification, and CE2+ structural certification, this product line has a range of other desirable attributes suited to these project types including lightness, ease of machining and dimensional stability.

CE 2+ **ASTM E-84 Class A**



## Benefits

### 100% Fire Rated Modified Plywood.

- |  |   |
|--|---|
|  Significantly slows carbonization speed. |  Low fumes, low opacity and non-toxic.             |
|  Low expansion in case of fire.           |  Resists shedding or emission of flaming material. |
|  Does not contribute to flame spread.     |  Extremely low thermal conductivity.               |

## Marine

Fireshield Marine is specifically designed for the construction of large ships. Its IMO certification indicates excellent performance in the transport of passengers and maritime merchandise. Fireshield Marine is both lightweight, resulting in better fuel economy, and high quality, making it durable when covered by other materials. These features make it a perfect fit for maritime building applications.



IMO / MED



## Train

Fireshield Train is the ideal panel for use in the train construction industry. It carries NF certificate F16-101, required for rail transportation of both merchandise and passengers. Premium quality interior and exterior layers along with meticulous finishing work gives this panel exceptional performance when film-coated or laminated. Lightweight and easily machined, this plywood product is perfectly-suited to your train furniture and interior projects.

**NF F16-101**





*We challenge the ordinary  
to be a worldwide reference  
in our industry, producing  
exceptional plywood from  
sustainable plantations.*

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Challenge the ordinary

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