

Fontefire WF Clear

Top-class, water-borne fire protection for interior wood surfaces

Wood is a popular choice for architectural elements in buildings because of its natural beauty. However, its use in certain types of buildings may be limited by fire-prevention regulations. Fontefire WF Clear is a water-borne lacquer designed to provide the highest possible level of fire protection for interior softwood surfaces. Not only does it enhance the beauty of the treated surfaces, but it also enables wood to be used in interiors with the most stringent fire-safety requirements, such as hospitals and schools.

Fontefire WF Clear can be applied on any wooden surfaces that require fire protection, such as walls, roofs, and panels. Its fast drying time increases efficiency and reduces costs on application lines. Fontefire WF Clear has a low odor and therefore contributes to a safer working environment. The product also has a low volatile organic compound (VOC) content.

Why choose Fontefire WF Clear?

- **Excellent fire protection** – Fontefire WF Clear has been certified with fire reaction class B-s1, d0 – the highest possible for wood material according to the EN 13501-1:2007+A1:2009 standard. ASTM E84 - Class A and ASTM E2768-11 (2018) (30 minutes) Class A Flame/Smoke. When subject to heat, it expands and forms an insulating layer of foam.
- **Efficient and cost-effective application process** – Because it dries in both ovens and at room temperature, Fontefire WF Clear is suitable for use in different kinds of application lines. Its fast drying time speeds up the application process, increasing production throughput and reducing costs.
- **A high-quality end result** – Fontefire WF Clear enhances the natural beauty of softwood with a transparent white color shade that follows the grain, while its high solids content reduces swelling of the wood fibers to create a smooth and even finish.



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APPLICATION GUIDELINES

Fontefire WF Clear should be applied using airless spray, air-assisted airless spray, vacuum or brush machine. We recommend applying a total of 200g/m² of wet lacquer in two layers (100 g/m² per layer). The product's whitish appearance when wet makes it easy to ensure an even coat.

PAINT SYSTEMS

The product can either be applied without a top lacquer, or as a lacquer system with Akvilac WF 10. The top lacquer is required for wooden surfaces that will be exposed to wear or abrasion. Both systems have the same fire-reaction classification.

Read more

www.tikkurila.com/fireprotection

ABOUT TIKKURILA

Tikkurila is a leading Nordic paint company with expertise that spans decades. We develop premium products and services that provide our customers with quality that will stand the test of time and weather. We operate in around ten countries and our 3,000 dedicated professionals share the joy of building a vivid future through surfaces that make a difference.

YOUR TRUSTWORTHY PARTNER IN INDUSTRIAL PAINTING

Tikkurila's experienced staff will be delighted to provide you with full details on coating specifications, help in calculating wet and dry film thicknesses, as well as assisting in painting processes and inspections. Please contact our metal technical group staff by phone: [+358 20 191 2004](tel:+358201912004) or by e-mail: info.coatings@tikkurila.com.