

Fontefire WF

Beskrivelse

Water-borne intumescent coating with highest possible fire retardant properties on wood. When subjected to heat, Fontefire WF expands and forms an insulating layer of foam.

Produktegenskaber og anbefalet brug

- The product has fire reaction class B-s1, d0, according to the standard EN 13501-1:2007+A1:2009, the highest possible for wood material
- Can be used on interior panels as part of fire protection paint systems
- Contains fungicides and can be used directly on the wood surface, protecting the paint film against mold, algae and other microbes. A separate wood preservative is not needed, which results in savings in production costs
- To be used as a fire retardant paint on interior wood, fibreboard, chipboard and plywood surfaces in industrial painting processes

TEKNISK DATA

Volumen tørstof 46±2%

Vægt tørstof 54±2%

Massefylde 1.24 kg / litre

Anbefalet påføringsmængde og teoretisk dækkeevne

Recommended spreading amounts		Theoretical coverage
wet	dry	
350 g/m ²	130µm	3.5 m ² /l
380 g/m ²	140µm	3.3 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Tørretid

	+50°C / RH 50%
Dust dry, after	5min
Touch dry, after	10min
Recoatable, after	1h

The product must be dried in oven.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Paint film must be through dry prior to next painting. Ensure proper drying with tape test.

Glans

Mat.

Farvenuancer

Light grey.

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PÅFØRINGSINSTRUKSER

Overflade forberedelse	Remove dirt and dust from the surface. Note: The product is intended to be used onto dry new wood surfaces. For industrial use only.
Anbefalede topcoats	Akvi Top DS 25 (100 g/m²). Topcoating and assembling on-site: please contact Tikkurila Technical Service.
Påføringsforhold	The surface to be treated has to be dry. Moisture content of wood has to be below 15% for interior wood. During application the temperature of the air, surface and paint has to be over +15°C and the relative humidity of the air between 20–60%.
påføring	Stir the paint carefully before use. Avoid high speed stirring. Avoid making foam. Interior wood surfaces: Use 350 g/m² wet paint, recommended film thickness/layer 175 g/m². Vacuum application according to manufacturer's instructions. For airless spraying, the product is not thinned. Recommended nozzle tip is 0.015"–0.026" and pressure min. 60–80 bar. Spray angle shall be chosen according to the shape of the object. For air-assisted airless spraying, the product is not thinned. Recommended nozzle tip is 0.013"–0.015" and pressure 40–80 bar. Atomizing air pressure should be 1–3 bar. Spray angle shall be chosen according to the shape of the object. For brush machine application, the product is not thinned. Wood contains resin and other colouring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discolouration in these areas.
Pakning	Stacking temperature of the painted objects should be below +30°C. Isolating foam should be used on stacking ready painted wood panels.
Fortyndere	Vand
Rengøring af udstyr	Water.
VOC	The Volatile Organic Compounds amount is 19 g/litre of paint.
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