



WW96

WATER-BORNE FIRE RETARDANT LACQUER SYSTEM INTERIOR WOODEN SURFACES.

Fontefire WF Clear

Akvilac WF 10

The water-borne system WW96 is fire retardant lacquer system for interior wooden panels.

Fontefire WF Clear is a water-borne intumescent lacquer which forms insulating layer when it is subjected to heat.

Akvilac WF 10 is a fast drying water-borne matt top lacquer with very good scratch and chemical resistance. Akvilac WF 10 improves the Fontfire WF Clear cleaning properties as well as chemical, scratch and wear resistance.

TYPICAL LACQUER SYSTEM

Treatment	Product	Application method	Wet film thickness
Priming	2x Fontefire WF Clear	Vacuum, spraying	100 g/m ²
Top coat	1x Akvilac WF 10	Spraying	70 g/m ²

PRODUCT PROPERTIES

	Solid content	Specific gravity	
Fontefire WF Clear	44 vol-%	1.2 kg/l	
Akvilac WF 10	30 vol-%	1.0 kg/l	
DRYING TIMES		+23 °C	50°C
Fontefire WF Clear	Dry to repaint	12 h	1 h
Akvilac WF 10	Dry to stack	20-60 min	5-15 min

Stacking temperature below +30°C. Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

GLOSS

Matt

APPLICATION METHODS

Airless, air assisted airless, conventional spraying, vacuum machine

CLEANING OF EQUIPMENT

Water.

COLOURS

Clear



TIKKURILA

**SURFACE
PREPARATION**

Remove dirt and dust from the surface. Assure that surface is free from dirt, mould and blue stain.

Note: The product is intended to be used onto dry new wood surfaces. For industrial use only.

**APPLICATION
CONDITIONS**

During application and drying the temperature of the air, paint and surface should be at least +15°C. The relative humidity should be between 20-60 %. Good ventilation is needed during drying process.

APPLICATION

Stir Fontefire WF Clear carefully before application. The lacquer is recommended to apply without thinning. Large nozzle tip 0,015-0,027" is recommended for spraying.

Apply an even wet film 100 g/m² and let it dry. In conventional oven and temperature 35-45°C the lacquer is touch dry after 5-10 min recoatable after 1 h. In room temperature drying lacquer is recoatable after 12 h.

Apply second coat of Fontefire WF Clear same way as first coat and let it dry.

Stir Akvilac WF 10 carefully before application and thin with water if necessary. The nozzle tip 0,009-0,013" is recommended. Apply an even coat wet film thickness about 70 g/m² and let it dry. In conventional oven temperature 35-45°C the drying time is minimum 5-15 min.

The drying time depends of color, film thickness, temperature, relative humidity and the air ventilation.

Stacking temperature below +30°C.

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

STACKING

In order to avoid surface damages the paint surface temperature must be under 30°C and it is recommended to put soft material between the panels. Drying and stacking properties must be tested before starting the full-scale painting.

**MAINTENANCE
PAINTING**

Remove dirt, mould and loose particles from the surfaces. Remove loose paint with scraper and brush the surface clean with a steel brush. Wash down dirty and mouldy surfaces with Tikkurila Mould Removal according to the instructions. Repaint surface according the instructions of maintenance product. Kiva lacquer is suitable product for maintenance painting.

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