

TECHNICAL DATA SHEET

NORFLAM® W314

Version 2.0

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Description Water-borne flame retardant solution for exterior wooden surfaces.

Fire classification B-s1, d0

Recommended uses Modified wood exterior cladding
TMT spruce, TMT pine

Industrial, on-site and off-site

Technical data

Weight solids 30 w-%
Density 1,21 g/cm³
Color tones Thermo shades color collection

Application guidelines

Wood species	g/m ²	m ² /liter	Layers/ side
Exterior cladding, front side and sides	350	2	3-4
Exterior cladding, back side	200		2

Surface preparation Wood to be cleaned and free of dust, dirt and loose particles. Planed surfaces need to be tested first due to limited absorption.

Application conditions

Product temperature	15-50°C
Air temperature	15-50°C
Relative humidity	20-60%
Wood moisture content	5-25%

Pre-use instructions Sufficient mixing before use as well as during the use.

Recommended application methods Air-mix spray, airless-spray, brush line, flow coating, vacumat

Drying times

10-30 minutes (+55°C, 60% RH)
30-120 minutes (+18°C, 60% RH)
Final drying for 48 hours (+18°C, 60% RH)

Topcoats

Thinners

Tips for optimal results

Cleaning of equipment

Additional comments

Drying times are related to surrounding temperature and air humidity.

No topcoats

No thinning

Check the final color on a smaller sample first.

Treatment to be done during the same work day.

Water

If wood products are cut, the exposed areas must be treated with NORFLAM® W314. Use only stainless steel fixings when in contact with NORFLAM® W314 treated wood.

Refer to application and maintenance guidelines for further information.

Health and safety

See safety data sheet

Volatile organic compounds (VOC) 1,6 g/l

Environmental compliance

EPD, M1, A+, LEED, BREEAM

Storage

Store at temperatures from 5 degrees to 25 degrees and out of direct sunlight. Must not freeze.

Shelf life is 3 months for tinted product and 6 months for clear product. The opened package has a more limited shelf life.

Waste

Product waste to be treated as hazardous waste.

The suitability of the treatable material shall be inspected by the manufacturer with respect to his/her requirements regarding quality, color, and the like, e.g. by a sample staining and/or sample varnishing.

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