

TECHNICAL DATA SHEET

NORFLAM® W101

Version 2.0

22.12.2025

Description Water-borne flame retardant solution for interior wooden surfaces

Fire classification Up to B-s1, d0

Recommended uses Spruce CLT
Wood-based panels

Industrial, on-site and off-site

Technical data

Weight solids 55 w-%
Density 1,4 g/cm³
Color tones Clear

Application guidelines

Wood species	g/m ²	m ² /liter	Layers/ side
Spruce CLT	200	7	1
Wood-based panels, front side treated	150	9	1
Wood-based panels, all sides treated	150	4	1

Surface preparation Wood to be cleaned and free of dust, dirt, and loose particles. Sanding can improve absorption.

Application conditions Product temperature 5-50°C
Air temperature 5-50°C
Relative humidity of the air 20-60%
Wood humidity 5-25%

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

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

Drying times 10-15 minutes (+55°C, 60% RH)
24 hr (+18°C, 60% RH)
Drying times are related to the surrounding temperature and air humidity.

Topcoats
Thinners
Cleaning of equipment
Additional comments

No topcoats
No thinning
Water
If wood products are cut, the cut ends must be treated with NORFLAM[®] W101. Use only stainless steel fixings when in contact with NORFLAM[®] W101 treated wood.

Refer to the application guidelines for further information.

Health and safety

See the safety data sheet

Volatile organic compounds (VOC) 0.71 g/litre

Environmental compliance

EPD, BREEAM, LEED, A+

Storage

Store at temperatures between 5 degrees to 30 degrees and out of direct sunlight. Must not freeze.

Shelf life 12 months. 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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