



NORFLAM® W311 flame retardant

W311

Certified Euroclass C-s1, d0 compliant flame retardant for spruce, pine and thermally modified spruce facades and interior designs.

Let the natural character of wood be visible with a beautiful semi-translucent finish. Bio-based NORFLAM® W311 flame retardant is safe for people and the environment, with low VOC and CO₂ values.



Natural look & feel of wood

Choose a clear or toned, semi-translucent finish, worthy of your stunning design.



Apply for spruce, pine and thermally modified spruce

- Exterior claddings
- Interior panelling



Durable finish and protection

Nordtreat's flame retardants provide certified fire protection for the building's life cycle while maintaining the desired look and feel of wood. Durability is secured by a maintenance treatment program specified for each NORFLAM® product, depending on the use case.

Unlimited colour options

- Nordic Hues colour collection for spruce and pine
- Thermo Shades colour collection for thermally modified spruce

Other colours are available on request.



NORFLAM[®] W311

flame retardant for spruce, pine and thermally modified spruce

Bio-based NORFLAM[®] flame retardant is a tintable one-product solution tailored for professional fire protection of exterior cladding and interior panelling made of spruce, pine or thermally modified spruce.

Apply for facades and interior designs made of

- Spruce
- Pine
- Thermally modified spruce

Reaction to fire performance

Euroclass C-s1, d0 reaction to fire performance (EN 13501-1)

Features

- Bio-based low-VOC flame retardant
- EPD (Environmental product declaration)
- Waterborne
- UV protection (for toned colours)

Treatment methods

Suitable for industrial, off-site and on-site treatment

Tests and classifications

- EN 13501-1
- EN 16755
- EN 13823
- EN 11925

Standards

NORFLAM[®] W311 treated wood products can be CE-marked according to the standard EN 14915, Solid wood cladding.

Packaging options

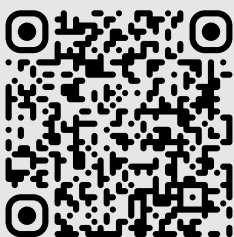
- 300–1000 litre IBC
- 5–25 litre canister

Maintenance interval

- Exterior applications: up to 7–10 years
- Interior applications: only if the surfaces are mechanically damaged

Instructions and safety information

Further technical details, application and maintenance instructions and safety information: please download the Technical datasheet and Material safety datasheet on



www.nordtreat.com/en/norflam-w311-flame-retardant



NORFLAM[®] W311 is
manufactured in Finland.

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