



treet®

NORFLAM® W310

Euroclass fire retardant.
Natural wood, beautifully visible.

A bio-based, tintable fire retardant treatment for spruce, cedar, Douglas fir and CLT. NORFLAM® W310 delivers Euroclass B-s1,d0 fire performance while preserving the natural grain and character of wood with a clear or translucent toned finish. Suitable for exterior cladding and interior panelling, with low VOC emissions.



Natural look & feel of wood

Preserve the natural grain and texture of wood. Choose a clear finish or a translucent tone inspired by nature.



Versatile applications

Suitable for exterior cladding and interior panelling made from spruce, cedar, Douglas fir and CLT.



Durable finish and lasting performance

NORFLAM® W310 delivers fire retardant performance while preserving the natural look and feel of wood. Long-term durability is maintained through an application-specific maintenance program tailored to the use and exposure conditions.

A world of colour

Explore a broad palette of translucent shades designed to complement natural wood.



TECHNICAL DATA

NORFLAM® W310

Bio-based fire retardant

For spruce, cedar, Douglas fir and CLT applications



Bio-based NORFLAM® W310 is a tintable, one-product fire retardant treatment for spruce, cedar, Douglas fir and CLT. It provides Euroclass fire performance for exterior cladding and interior panelling while preserving the natural appearance of wood.

Suitable substrates and applications

- Spruce
- Cedar
- Douglas fir
- Interior CLT
- Spruce CLT

Reaction to fire performance

Euroclass B-s1, d0 reaction to fire performance (EN 13501-1), enabling timber façades to achieve NRO (Non-Propagation of Fire) classification in Poland and SP Fire 105 in Sweden.

Key attributes & certifications

- Bio-based low-VOC fire retardant
- EPD (Environmental product declaration)
- M1 emission classification
- Waterborne
- UV protection (for toned colours)
- Meets LEED v4 and v4.1 BETA criteria
- BREEAM compliant
- SP Fire 105 compliance
- NRO (Non-Propagation of Fire)

Treatment methods

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

Testing & classification

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

Use cases

NORFLAM® W310 can be used for the following wood products:

- EN 14915, Solid wood cladding
- EN 16351, CLT elements
- EN 13986, Wood-based panels
- EN 14080, Glued laminated timber and glued solid timber

Available pack sizes

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

Recommended maintenance

- Exterior applications: up to 5 to 10 years
- Interior applications: reapply only following mechanical damage

TECHNICAL SUPPORT & DOCUMENTATION

Access the latest technical specifications, safety information, application guidance and maintenance instructions. Scan the QR code to view the complete product documentation.



Questions?
Our technical team is ready to help.
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SP FIRE 105



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