

NORDIC FIRE

Passive fire protection for trade



PASSIVE FIRE PROTECTION

ADVISE - PRODUCTS - SOLUTIONS

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Gullmarsstrand hotel and conference centre in Sweden. Treated with Nordic QVFR white to meet B-s1,d0.



FACTS NORDIC QVFR

Fire rating: Classification to B-s1,d0.
 Use: Indoor protection for wood and wood based substrates.
 Specification: 2-part system water based clear varnish or white paint.
 Size: 5 lit or 20 lit tins. 24 x 20 lit per pallet.
 Coverage: 10-12 m2 per litre per coat, 2 coats needed for B-s1,d0
 Application: Spray, brush or roller.

NORDIC QVFR

A FLAME RETARDANT COATING SYSTEM TO B-s1,d0
Clear & White coatings

Nordic QVFR makes it possible to build with wood and wood based materials and still meet fire regulations. They give invisible protection, are water based, easy to apply, with no extra time on site needed compared to using standard paints.

Nordic QVFR Clear and Nordic QVFR White are flame retardant coatings, both classified to B-s1,d0.

Nordic QVFR is for indoor use. It is a two-part system with topcoat integrated in coat 2. Nordic QVFR White can be tinted with a water-based pigment in coat 2 for a coloured finish.

Tested for Indoor Air Emissions.

“Water based coatings, invisible protection, well documented”

NORDIC QVFR
Technical Data/ Sheet, Application Instruction
and Safety Data Sheet

[Click Here for NORDIC QVFR CLEAR 1&2](#)

[Click Here for NORDIC QVFR WHITE 1&2](#)

ADVANTAGES

- Tested over existing paint and on untreated wood.
- Integrated top coat in Nordic QVFR coat 2.
- Water based: easy to work with, fast drying.

Note:

Nordic QVFR is a specialist coating. Even though it is easy to work with and can be applied by anyone, it is important to follow the instructions on the tin and in the application data sheets. Some substrates needs a primer, please test every batch on a small area to ensure good adhesion and correct finish of the applied product.

Please ring us for correct advice for your project.

The Storsjö Theatre in Sweden, treated with Nordic QVFR clear to B-s1,d0.



HW01 & HW02

A FIRE PROTECTIVE COATING SYSTEM TO EI60, EW60, B-s1,d0 AND K₂10

Clear & White coatings

In case of fire, the HW-series coatings develop a char, protecting the substrate for up to 60 minutes. If the fire is put out by that time, the char can be scraped of and the substrate could be undamaged.

The HW coatings are tested on new timber, and already coated wood, with EN-classifications to EI60, EW60, B-s1,d0 and K₂10.

HW needs a topcoat, and as long as the topcoat is in good order, the invisible fire protection is intact. HW01 is a white paint, HW02 is a clear varnish. Both are water based. Tested for Indoor Air Emissions.

FACTS HW-SERIES

| | |
|----------------|--|
| Fire rating: | Classification to EI60, EW60, B-s1,d0 and K ₂ 10. |
| Use: | Fire protection for wood and wood based substrates. |
| Specification: | Water based clear varnish or white paint. Needs a topcoat. |
| Size: | 5 lit or 20 lit tins. 24 x 20 lit per pallet. |
| Coverage: | 8 m ² per litre per coat, refer to test data for number of coats. |
| Application: | Spray, brush or roller. |

Helsingborg City Library, Sweden. Wooden ceiling treated with HW02 to 30 minutes fire protection.



Artipelag art centre in Sweden. All internal wood treated with HW01 intumescent paint to 30 minutes fire protection.

ADVANTAGES

- Can be applied on new wood or over existing paint.
- Extensive fire test catalogue on a number of substrates.
- Ideal for upgrading wooden doors to 30 minutes fire rating.
- Last as long as the topcoat is good.
- Water based: easy to work with, fast drying.

Note:

HW-series is a specialist coating. Even though it is easy to work with and can be applied by anyone, it is important to follow the instructions on the tin or in the application data sheets. HW-series is hygroscopic and need a topcoat applied. Some substrates needs a primer, please test every batch on a small area to ensure good adhesion and correct finish of the applied product. Please ring us for correct advice for your project.

HW01 & HW02
Technical Data Sheet, Application Instruction and Safety Data Sheet.

[Click Here for HW01](#)

[Click Here for HW02](#)

FIROBLOK

FIRE PROTECTIVE SLEEVES

Every room needs water, electricity and ventilation. But every opening in a fire rated wall is a potential risk. Fireblok intumescent sleeves are designed to maintain the rating of a fire rated wall, where you have pipes, conduits or services passing through.

Wrapped around the pipes, cables or services the Fireblok sleeve will expand and close down any gaps in case of fire.

ADVANTAGES

- Easy installation in new builds or retrofitted.
- Stanley knife only tool needed.
- Can be made to any size.
- Can be made up to 500 mm long, to protect on both sides of the wall.



FACTS FIROBLOK

Fire rating: Classification to E120, EI90.
Use: Fire protection for pipes and services through a fire rated wall.
Specification: Foil covered intumescent sleeves.
Size: 15 standard sizes from 18 to 215 mm diameter. Can be made in any size.
Installation: Cut hole to size. Fit Fireblok sleeve with Stanley knife and the supplied tape. Can be retrofitted.

INSTALLATION INSTRUCTION

1. Draw the outline for the Fireblok sleeve on the wall.
2. Cut out the hole with a suitable tool, dust down the edges.
3. Cut the Fireblok sleeve open along the line and wrap around the penetration, then seal with the supplied tape.
4. Push the Fireblok sleeve into the wall until flush with the wall.
5. Make a note of the installation.



FIROBLOK
Technical Data Sheet, Application Instruction and Safety Data Sheet

[Click Here](#)

FIRE DOOR UPGRADES

UPGRADE OLD DOORS

Old, made-to-measure wooden doors with character can often be upgraded to a fire rated status as required by the local council. Fire rated doors are, for example, a prerequisite when converting loft spaces, as your stairway / hallway is then considered an escape route.

COST EFFECTIVE

We supply the products you need to upgrade existing doors to a fire rated standard.

Included in our service is Certificate of Supply, with references to relevant tests.

Compared to fitting new doors it is usually more affordable to upgrade to fire doors, it could cost you as little as £15 per door.

Our fire protective paints come in white or a clear varnish, they are water based and easy to apply. You can use your own topcoat or purchase this through us.

ADVANTAGES

- You can keep custom made original old doors with character.
- Water based coatings, all done in a day
- Normally more cost effective than a new fire door.

ADDITIONAL PROTECTION

Depending on the door you might need other products than paint. If your door panels are thinner than 12 mm we can supply intumescent card to upgrade the doors. We can also supply smoke and fire seals for doors.



Gripsholm Castle in Sweden. Internal doors treated with HW01.

**NORDIC FIRE PROTECTION -
A brand under Scandinavian Trading Ltd**

Our selected range of passive fire protection products are carefully documented and up to date with current European regulations.
We give advice on passive fire protection.

Our knowledgeable staff will custom make a solution suitable for the situation at hand.

“Water based coatings, invisible protection, well documented”

Terms of business

Nordic Fire Protection and Scandinavian Trading Ltd source our products from UK and European manufacturers of Passive Fire Protection. We deal with trade customers only.

Minimum order value is £100.

All goods priced ex factory and ex VAT.



Vennesla Library in Norway. Interior supportive glulam beam system treated with clear water based flame retardant coating to B s1 d0.

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