

# WOOD FAÇADE CLADDING

GUIDE WOODSAFE® EXTERIOR WFX™ FIRE-RETARDANT TREATED WOOD

Version:  
20230110-V1 (page 1 of 2)

CPR, CE certificate ref:  
0402-CPR-SC0260-15

Type approval certificate ref:  
TG 0263-08



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## PRODUCT FACTS

WOODSAFE® Exterior WFX™ is fire-retardant treated wood that, through vacuum pressure impregnation, shows improved fire performance on all six sides. Exterior WFX consists of very long polymer chains that form water-resistant fire protection and are fixed (hardened) in the cellular structure of the wood. Exterior WFX has type-approved properties in accordance with EN16755 EXT for exterior natural ageing without requirements for surface treatment. Woodsafe Timber Protection AB is an industrial manufacturer holding a Type Approval Certificate, CE certificate in accordance with the Construction Products Regulation (CPR305/2011, EN14915), Quality and Management System, Environmental Management System and Continuous Production Control by RISE (No. Body: 0402). For more information, please visit [www.woodsafe.com](http://www.woodsafe.com)

WXSFB-230110-V1



**QUALITY MANAGEMENT**  
Tillverkning enligt ISO 9001:2015 | 5829



**WASTE CODE**  
Träprodukt 170201



**ASSOCIATED DOCUMENT**  
Fler tillhörande och relaterade handlingar

### WOOD FAÇADE

Woodsafe Exterior WFX™ is type-approved according to SP-Fire 105, the Swedish National Board of Housing, Building and Planning Act (SFS 2010:900). The approval covers a number of different systems\*

### UTILITY CLASS

Woodsafe Exterior WFX™ has type-approved utility class properties EN16755 INT1, INT2, EXT and WPA listed in accordance with LR (leach resistance). Type approval certificate 0263-08.

### CIRCULAR

Woodsafe WFX™ impregnated wood material can be reused for other suitable purposes, but not as animal bedding or biofuel. EPD data is available at [woodsafes.com](http://woodsafes.com)

### VALUE CHAIN

Woodsafe Exterior WFX is manufactured in a sustainable value chain, which is shown in our sustainability report.

[www.woodsafe.com](http://www.woodsafe.com)

More information is available at [www.woodsafe.com](http://www.woodsafe.com)

#### Woodsafe support department

We know that fire retardant wood and all the instructions, rules, fire safety requirements, etc. can seem difficult and complicated. That's why the Woodsafe support department is always there for you. You can reach us on +46 10 206 72 30 or [support@woodsafes.com](mailto:support@woodsafes.com) - We'll help you!

#### Durability of reaction to fire performance properties:

Woodsafe® Exterior WFX™ is typeapproved and certified by RISE (No.body: 0402) in accordance with EN16755 EXT without the requirement for surface treatment for exterior applications. Woodsafe Exterior WFX is also certified according to the American ASTM D2898 for exterior use, the predecessor since the 1970s to EN16755

#### Maintenance:

Woodsafe® Exterior WFX™ polymeric fire-retardant properties are maintenance-free.

#### End-grain and cut surfaces:

The cut section of the panels placed against the ground and moist substrate and vegetation should be oiled to minimize the risk of moisture absorption

#### Surface treatment:

Painting is an important part in acquiring cladding approval. See the separate fact sheet for surface treatment of exterior façade cladding. Woodsafe Exterior WFX is developed so that it does not need to be surface treated as protection against leaching as WFX consists of a polymeric formula. However, coloring is possible with a specially developed system that is applied in the factory. For more information contact Woodsafe support.

#### Mould growth & cleaning:

Can be caused by air pollution or incorrect installation. Black mould is a general problem not linked to Woodsafe Exterior WFX™, which in itself does not contribute to mould or algae growth. If cleaning is required, gently wash with water and detergent developed for façade cleaning. Do not use high pressure when cleaning as this will damage the wood. If the cladding needs to be repainted, this must be done in accordance with separate instructions.

#### Damaged façade cladding:

Must be replaced with a new Woodsafe® Exterior WFX™ impregnated product.

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## Stickmarks from drying process:

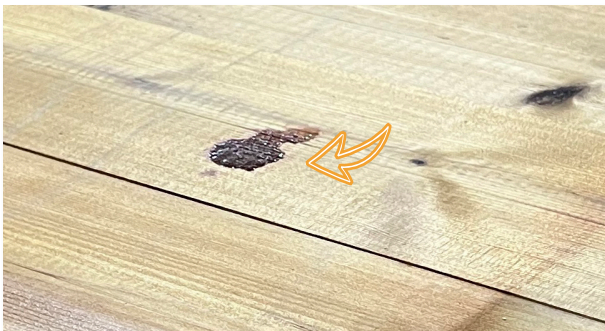
Depending on the wood species and the quality, spots of resin as well as stickmarks >26 mm in thickness may occur. This stickmark will disappear over time and fade away due to the sun's UV radiation and weathering



## Resin and extra-active wood substances:

Resin is a natural substance in wood and depending on the type of wood and where in the log the material was sawn from, spots of resin can occur to a greater or lesser extent. Such residual substances on the surface can be scraped off or washed away in hot water, however do not use high pressure at close range as it pushes moisture into the wood.

The drying process heats the wood to a temperature that can cause pockets of resin to open and the resin run to the surface. Resin can be sanded off or washed off. Woodsafe advises customers to supply high quality wood materials for impregnation to minimise the risk of exposure to resin and other extra-active substances. Natural wood substances are a ground for complaint.



## pH value of different materials:

Woods such as oak and cedar have natural properties that can create acidic water (low pH) during rainfall, along with any surplus Woodsafe® Exterior WFX on the wood panel's surface that has not bonded to the cellular structure. Woodsafe Exterior WFX has a low pH value and materials in direct contact as well as water, such as heavy rain, must be directed away from sensitive material. This may result in etching, discolouration and the like on other materials in contact with this water from, for example, the façade. This should be removed as soon as possible. Read separate fact sheet

## Cladding mounting

The facade cladding is recommended to be mounted at least 50mm out from the concrete plinth and well dimensioned from other materials that cannot withstand low pH values, e.g. anodized metal. Read separate fact sheet

## Construction waste and recovery:

Woodsafe® Exterior WFX™ must not be further processed to produce animal litter or biofuel. See the separate information sheet. It may be recovered if the cladding has not been damaged during dismantling. Read separate fact sheet