

DRAINAGE & MATERIALS

GUIDE WOODSAFE® EXTERIOR WFX™ FIRE-RETARDANT TREATED WOOD

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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.woodsafes.com



QUALITY MANAGEMENT SYSTEM

Manufactured according to ISO 9001:2015 | 5829



WASTE CODE

Wood product 170201



ASSOCIATED DOCUMENTS

More associated and related documents

DRAINAGE

Rain and roof water shall be directed away from the façade and other substrate, e.g. concrete. Avoid rainwater running down onto other material.

CORROSION

Contact surfaces shall have suitable properties for coming into contact with acidic water (pH<4) and extra-active substances.

FASTENING

Nails and screws and other fastening materials must be stainless grade 304 or 316.

Refer to the separate fact sheet.

SVHC

Woodsafe WFX impregnated wood contains a substance included on the SVHC candidate list. The limit values are not exceeded.
[Safety data sheet](#)

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 - We'll help you!

Choice of material for drainage

The choice of material for drainage, e.g. gutters, downpipes, plates, etc. shall be of stainless steel grade (304, 316) or material with a coating that withstands a pH value of <4.

To remember

Materials and treatment method, such as Rhinezink, galvanising, anodising of sheets, are not recommended despite their treatment.

pH properties

Some wood types, such as oak and cedar wood, have natural wood substances that can contribute to acidic water (low pH) when it rains. Combined with any remaining excess of Woodsafe Exterior WFX fire retardant which has not been fixed in the cell structure, this can lead to etching, discolouration on contact surfaces such as concrete, drainage material, etc.

Transition façade to concrete base or metal

From façade to transition to another installation shall always be constructed with a good margin so that acidic water (pH <4) does not run down onto the base, concrete element or other substrate. The recommendation is a minimum of 50 mm overhang between the façade cladding and base, other material, as well as a drip plate to route water away from the bottom of the façade.

Solutions in which the concrete foundation extends from the end of the façade where water flows onto the concrete are not recommended due to discolouration and risk of the concrete corroding. It's worth noting that regular precipitation can also be acidic water (pH <4) and discolour concrete, regardless of whether the wooden panel is fire protected or not.



The photos from 1-r show: 1-cedar shavings without impact on base plate, 2-extra-active substances from cedar, 3-limescale precipitation from tiles. Properties shown in photos 2 and 3 are completely natural.

For more information, see the separate fact sheet.