

PAINING FACADE CLADDING

GUIDE WOODSAFE® PRO™ FIRE-RETARDANT TREATED WOOD

Version:
20230407-V2 (page 1.2)

CPR, CE certificate ref:
0402-CPR-SC0243-09
Type approval certificate ref:
TG 0263-08



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PRODUCT FACTS

WOODSAFE® PRO™ fire-retardant treated wood is a processed wood that, through vacuum pressure impregnation, shows improved fire performance on all six sides of the material. The fire retardant deeply penetrates the wood and becomes fixed in the wood's cells, which does not affect the feel or structure and is not affected by natural movements. Woodsafe Timber Protection AB is an industrial manufacturer with holdings of type-approval certificates and CE certified in accordance with the Construction Products Regulation (CPR305/2011, EN14915), quality and management system ISO 9001, environmental management system ISO 14001 and continuous production control by RISE (No. Body: 0402).

For more information, please visit www.woodsafepro.com



QUALITY MANAGEMENT SYSTEM

Manufactured according to: ISO 9001:2015 | 5829



WASTE CODE

Wood waste 170201



ASSOCIATED DOCUMENTS

More associated and related documents

WEATHER CONDITIONS

Check the weather forecast, "don't paint in any weather". Suitable months to paint are those months with no "r" in them. In other words, May, June, July and August are the months in the year for painting.

PAINING

Separate primer must be used on clean, dry and uncontaminated surfaces. Thereafter, two separate coats of paint should be applied.

MAINTENANCE

The purpose of the paint layer is to protect the wood against moisture absorption and leaching of the fire retardant. More frequent maintenance intervals may be required.

UTILITY CLASS

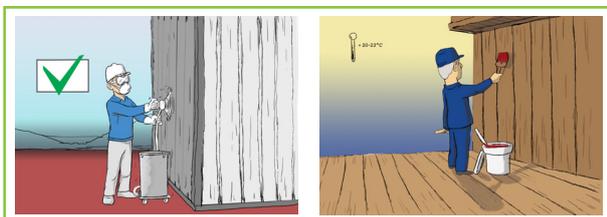
Woodsafe PRO has type-approved properties in accordance with EN16755 EXT with requirements for opaque painting systems. See TG0263-08 for details.

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@woodsafepro.com - We'll help you!

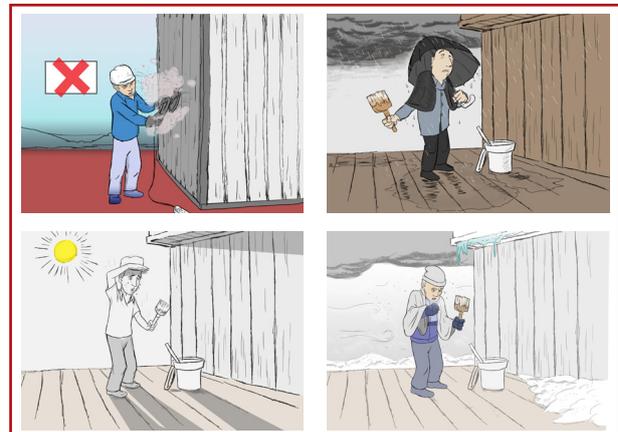
Check the weather before painting:

Months without an "r" in them (May, June, July, August) are normally the months in the year for painting, but remember that it's not a green light just because it's the "right" month in the calendar. You must also check the weather forecast for the next few days before you start painting. Summer days with mild temperatures around 20–23°C and not too cold or humid nights are ideal conditions for most paints. These conditions help the paint perform best when applied and drying.



Avoid frost, dew and direct sunlight.

If there is a risk of frost or dew during the night, you should finish work in time for the paint to dry before the evening chill arrives. It is important that you avoid painting in direct sunlight, as a too hot surface can negatively affect application and drying times. In this case, wait until the sun has moved away from that side of the house.



PAINTING OF CLADDING

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Preparation for painting:

The wood panel must be dry and the moisture content of the wood must not be higher than 16% and free from contaminants such as residues of fire retardants, loose wood fibres, grey fibres, dirt or other contamination before painting/surface treatment is started. For industrial painting, a separate brushing is advisable prior to and during painting.

Fire-impregnated wood is not like ordinary wood:

It is therefore important to paint using tried-and-tested systems in which the work is carried out in several stages, i.e. primer, intermediate and final application as soon as possible after installation.

Painting checkpoints:

- Always stir the paint thoroughly.
- Avoid using old paint.
- Make sure there are no waste residues in the paint or wood fragments.
- Always brush the panel before painting.

In industrial painting, the same conditions apply, but it is also necessary to have patience to allow wood panels to thaw and reach a suitable temperature for industrial painting. Also bear in mind that too fast drying in an oven can form air bubbles and also drive out the fire retardant during drying.

The painting process:

Priming is the most important paint/film layer for the fire retardant and the wood panel. It is recommended to increase the amount of primer applied, especially if the wood panel is to be installed in exposed locations, e.g. near the coast.

- **The intermediate coat** must not be applied until the primer has dried. The recommendation to increase the amount applied also applies to this step.
- **Finishing coat** must be applied promptly after installation, but under the correct weather conditions.

Paint systems:

Only use paint systems recommended by Woodsafe, such as Jotun, Teknos with film-forming properties. For utility-class approved systems, see the type approval certificate.

Non-recommended paint systems:

Diffusion open-paint systems such as sludge paint and similar are not recommended due to the increased risk of moisture absorption in the wood panel, which can lead to visual defects in the paint layer and the risk of the fire retardant leaching out. Silicone-based systems and iron vitriol do not have the properties suitable for Woodsafe PRO, which means that the grey effect does not appear.

Maintenance intervals:

Woodsafe PRO must always be top-coated in an exterior environment and maintained regularly. Maintenance intervals may be more frequent depending on geographical location, surroundings and weather conditions. In exposed locations, it is not uncommon for the paint layer to require maintenance every three years to ensure that the fire retardant does not leach to the surface.

Damage:

Damaged panels or other defects affecting the wood panel must be replaced with new Woodsafe PRO.

The wood's natural properties:

Each type of wood has its own unique properties, where, among other things, the surface structure of the wood panel presents different conditions for adhesion, e.g. a sawed or planed surface. High-density wood types and resin content, etc. can also affect the end result.

The client and any subcontractors engaged by the client are responsible for any decisions and actions taken.

Warranty and grounds for complaint:

The choice of paint system and its effect, impact and suitability for use on Woodsafe PRO impregnated wood is always the responsibility of the customer/contractor.

In the case of complaints, the builder's and subcontractor's, e.g. painter's, own inspection must be described in relation to Woodsafe's associated documents. In the event of complaints from managers and developers after the project has been handed over, the maintenance record must be presented, see separate maintenance record.

Reminder list:

- Always check the weather forecast
- Do not paint in months with an "r" in them
- If painting is done in months with an "r" in them, you need to pay extra attention to the correct weather conditions
- Paint on dry, clean surfaces
- The wood panel's moisture ratio should be less than 16%
- Stir the paint thoroughly, even during painting
- Be careful with the primer
- Application rate may need to be increased
- If in doubt: Always contact your supplier or Woodsafe customer service before implementing.