

Operating and maintenance instructions

For Frøslev Sature® façade and terrace profiles for outdoor use

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Frøslev Sature®

Refers to Declaration of Performance FT50

1 Introduction

By nature, wood is an environmentally friendly construction material, but certain applications require additional attention. You, the user, can help ensure its long life by following our instructions in this magazine.

A long life means that the CO₂ absorbed by the wood during its growth is stored for as long as possible.

You can protect the wood from degradation already from the construction phase by applying constructional wood protection, for example by preventing unintended moisture accumulation and ensuring effective ventilation of the wood.

When the product is handled, it is generally handled as a wood product. Therefore, use protective equipment such as gloves, a dust mask and protective eyewear to reduce the risk of nuisance and accidents

Other advice and guidelines are available in publications from Træinformation.

2 Product description

Cladding or terrace profile made of Frøslev Sature® silicate-modified wood for outdoor use. Intended for applications where the wood does not touch the ground.

3. Storage before installation

When produced, façade and terrace profiles are stick-laid with wooden spacers to ensure penetration of the Sature® fluid. This will leave marks that will eventually neutralise in connection with the natural patination process.

Remove airtight packaging before storage to ensure free ventilation around the façade and terrace profiles.

Store the façade and terrace profiles with no contact with the ground, and cover them with a breathable

tarpaulin to protect them against dirt and heavy rain.

The storage space must be properly ventilated and may not be affected by severe temperature fluctuations or extreme exposure to sunlight. Avoid unfit storage such as closed containers where condensate and very high temperatures may occur.

New Sature® silicate-modified wood will often have a moisture content of 25-30% and should dry or be stored until a level of less than 18% before installation and use of Sature® care products.

Cut off both ends before installation to obtain an accurate cut and angle and to cut off cracks at the ends.

IMPORTANT: Apply Sature® Preserve on cut surfaces and cuts for protection and durability.

4. Instructions for operations and maintenance

After completed installation, carefully brush off excess silicate from the Sature® modification from the surface using a soft brush or a damp cloth to reduce ruboff onto shoes and clothes. However, expect some ruboff of excess silicate.

Following completed installation, clean Sature® terrace boards using Sature® Clean, and treat them with the Sature® Protect care product no earlier than 24 hours after cleaning. Clean the terrace once a year and provide care with specially developed and adapted Sature care products.

Clean Sature® cladding boards using Sature® Clean when cleaning is needed and provide finishing treatment using the Sature® Protect care product to maintain long durability and a nice look. Always follow instructions on the product.

We recommend that you review your outdoor wooden structures and surfaces once a year. Focus particularly on areas close to ground level, water and joints. Wood in those areas are often the most exposed. Boards installed close to contact with the ground or boards used as deckboards have a shorter life.

Preferably do it during the autumn and winter – the wood has the most moisture during those seasons, and damage is therefore easier to spot. If you find signs of degradation in a board, replace it. This will prevent the damage from spreading.

Naturally occurring, airborne mould spores may attach to all types of cladding and terrace profiles as black spots, particularly on new wood and on shady sides with little light and little exposure to sunlight. Mould spores do not change the integrity of Sature® wood. Mould spores on Sature® can be removed using Sature® Clean. If the wood has algae, you can wash it off with Sature® Clean.

Do not use a high-pressure cleaner as you risk pressing water into the structure behind. Regular cleaning will also remove dirt and other airborne contaminants and will result in a nice look. Always follow instructions on the product.

Wood is a living material and will therefore have natural drying and shrinkage cracks, end cracks and loose fibres due to the elements and exposure to the sun. This will not affect the rot protection or durability of the wood. The loose fibres on the surface can be brushed off.

Wasps will sometimes gather wood fibres for their wasp nests and will leave visible marks on the surface of

the wood. Regular surface treatment using Sature® wood care products will minimise the risk of wasps gathering fibres from the surface. Control wasps according to recommendations for pests.

The exposure from the sun and the elements will create the natural, silver-grey look of the Sature® cladding and terrace profiles, and the grey patination process will therefore vary depending on how the weather affects the surface.

Regular maintenance and finishing treatment using Sature® wood care products will protect the durability of the wood and give it an optimal and beautiful look.

5. Reuse

Sature® is a natural wood product with no added chemicals. When disposing of wood, comply with municipal instructions. Wood is usually sorted in two to three categories for the purpose of optimal reuse.

Sature® can be disposed of as:

- Pure wood for reuse
- Upcycling
- Incineration

If in doubt, ask for advice at the recycling centre.