

## Instructions for operations and maintenance for outdoor wood with Sature treatment

14 January 2025

### **Frøslev Sature®**

*Refers to Declaration of Performance FT50*

#### 1. Introduction

Wood is a renewable resource and the sound choice for future construction material. Certain applications in construction require special attention. You, the user, can help ensure its long life by following the instructions.

A long life means that the CO<sub>2</sub> 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.

The product 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 (only available in Danish).

#### 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. Instructions for operations and maintenance

After completed installation, 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, some ruboff from excess silicate is to be expected.

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

Clean Sature® cladding boards using Sature® Clean when cleaning is needed. Finishing treatment can be provided using the Sature® Preserve 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 wooden surfaces once a year. Focus particularly on areas close to ground level, water and joints. Wood in those areas is 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 and algae on Sature® can be removed using Sature® Clean.

Do not use a high-pressure cleaner as you risk ruining the wood by 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 water, the elements and exposure to the sun. The loose fibres on the surface can be brushed off. This will not affect the rot protection or durability of the wood.

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.

The exposure from the sun, the elements and water 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 the best way possible.

#### 4. Reuse

Sature® is a wood product with no added biocides or heavy metals.

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.