

Operating and maintenance instructions

For Frøslev Embla® ThermoWood façade and terrace profiles for outdoor use

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Frøslev Embla® ThermoWood

Refers to Declaration of Performance FT07

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 Embla® thermally modified wood for outdoor use. Intended for applications where the wood does not touch the ground.

3. Storage before installation

The wood must be stored at a level and stable place protected against soil moisture. The storage space must be properly ventilated and may not be affected by severe temperature fluctuations or extreme exposure to sunlight. The wood must be covered with a breathable tarpaulin to protect it against extreme exposure from the sun, dirt and heavy rain.

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

4. Instructions for operations and maintenance

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. 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. Boards installed close to contact with the ground or boards used as deckboards have a shorter life.

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 on Frøslev Embla® can be removed using wood cleaner. If the wood has algae, you can wash it off with wood cleaner.

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. Surface treatment using wood oil or paint at installation will minimise the risk of wasps gathering fibres from the surface. Control wasps according to recommendations for pests.

Over time, exposure to the sun will make the surface of Frøslev Embla® cladding and terrace profiles naturally grey. The grey patination process will therefore vary depending on how much the surface is exposed to the sun. If you do not wish the greying, apply pigmented wood oil immediately following installation once the moisture content of the wood so allows. The pigments will protect against UV radiation, thus protecting the wood behind. This will maintain the colour of the surface of the cladding or terrace profiles if regularly receiving finishing treatment.

The cladding profiles can also be painted with obliterating wood preservatives depending on the requested outcome. Always follow instructions on the product.

5. Reuse

Frøslev Embla® 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.

Frøslev Embla® can be disposed of as:

- Pure wood for reuse
- Upcycling
- Incineration

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