# **EXTERIOR CLADDING**

### IMPORTANT TO READ BEFORE INSTALLATION!

Dear Customer. Cladding has a primary function of protecting the insulation layer against rain and mechanical damage. It also has an important aesthetic task, where the execution and installation constitutes the architectural details that affect the appearance of a building to a great extent. In order for the result to be as neat and long-lasting as possible, please read these instructions carefully.

**WE WILL NOT REPLACE PRODUCTS THAT** ARE INSTALLED INCORRECTLY, OR WHERE THE INSTRUCTIONS AND GUIDELINES OF SINTEF BUILDING AND INFRASTRUCTURE ARE NOT FOLLOWED.

In the event of manufacturing errors, compensation is limited at a maximum of the value of the product.

#### THE PRODUCT

The cladding is manufactured from PEFC certified timber from approved logging areas. Processing up to the finished cladding is conducted in accordance with acknowledged principles. Cladding is industrially coated with Teknos 730 primer (alkyd/acrylic) and

Teknos 894 intermediate coat (acrylic). The coated products contain no solvents other than water.

**QUALITY CONTROL** Cladding is produced in accordance with Norwegian Standard SN/TS 3186. The surface treatment is applied to dry, unexposed wood under controlled conditions and in the prescribed amounts and processes specified by the paint supplier.



Cover the materials during the building process with good ventilation. The ground must be covered if it moistens the materials

#### **PREPARATION**

Storage of painted cladding must be done in such a way that the goods are not subjected to damage, including moisture. Outdoor storage of cladding before installation and during the construction process must be done with good covering and good ventilation. The ground must be covered if it moistens the materials.

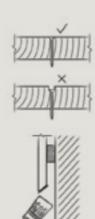
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The cladding boards must be inspected prior to use so that damage, defect and any deviation is

### not mounted on the wall.

INSTALLATION Proper installation is critical to maximising the life of the cladding. All cladding should be installed in accordance to SINTEF Building and Infrastructure Building Details 542.101 and 542.102.

- All exterior cladding attached to laths and any counter-laths for maximum ventilation behind
- the cladding. The nail heads must be flush to
- the cladding surface. All end grains, nail holes and any damage to the paint film must be treated thoroughly with oil-based primer and paint
- before installation. Fixing of the cladding may vary
- from profile to profile. No cladding board should be mounted below 30 cm from the



### ground or lawn.

**AFTERCARE** All wood, including surface-treated cladding, is affected by humidity, sun and wind. There is still movement in the cladding, so small cracks and similar may therefore occur on the most exposed places.

The treated cladding may, under normal weather conditions, (Eastern Norwegian climate) last up to



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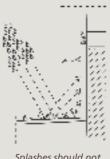
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5 years as coverage, while it is 3 years for transparent coatings before additional surface treatments are necessary.

The cladding should nevertheless be annually inspected for repairs of any damage and washed with facade cleaner in order to remove dirt, fungal and algae growths.

reach the cladding. This painted cladding can be re-coated with any approved wood stains or paints. Water-based products are recommended, as these usually offer longer maintenance intervals and less fungal and algae growth.

It is an advantage to use disinfectant with fungicide and algaecide cleaner before re-coating.



Splashes should not



Follow the paint supplier's recommendations with regard to preparation and application. Do not apply surface treatment when the moisture content is above 17% or higher (preferably 15% or lower).

### **READ OUR BUILDING GUIDE**

There are several issues to consider when replacing or installing new exterior cladding. We recommend that you read or download our "how-to" guide on www.bergeneholm.no/byggeguider.









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Anyone who builds with wood can and should apply! The application deadline is 1st December of each year.

> Read more about the Inspiration Award on www.bergeneholm.no/inspirasjonsprisen

