

# INTERIOR PANEL

## IMPORTANT TO READ BEFORE INSTALLATION!

Dear Customer. Choosing wood panel as part of the interior is a timeless, trendy and environmentally-friendly choice. To ensure a nice and long-lasting result, please make sure you read these instructions.

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

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

### STORAGE

Panels must be stored dry, preferably in dark and tight plastic packaging. If the room is sunny, the bundles must be well covered. The panels should not be stored outdoors or in a damp garage or cellar.

### ACCLIMATISATION

Panels must be acclimatised in the room where they are to be installed. Full acclimatisation is achieved within 1-2 weeks. Acclimatisation is done with the plastic on and/or with the boards under pressure.

The fastest and safest acclimatisation is achieved by "joist laying" the panel boards. The relative humidity in the room must be low (40-60%), so that the panel does not absorb moisture.

Two and two panel boards are placed with the right side against each other. The ideal room temperature is approximately 20 degrees. Avoid excessive heating of the indoor environment during this process, as it can cause tension, twisting and warping in the panel board.

Drying of thick and wide boards requires particular attention. Installation of panels without acclimatisation will increase with risk of desiccation cracks and warping.

### INSPECTION

Panels should always be inspected before installation, otherwise one forfeits the right to complain.

Please follow the SN/TS 3183.

### PLEASE NOTE!

**The surface-treated panels with different manufacturing dates may have colour differences and does not grant a right of complaint.**

Panels of solid wood have natural variations. The core may be darker than the surface (edges). Transparent surface finishing such as stains, varnish, glazing, etc. will thereby be perceived differently depending on the wood structure of the panel board.

### SORTING

**The panel boards must always be sorted before they are installed.**

Boards with deviant expression can be cut for use in e.g. above and below windows and doors.

Do not pull the boards from each other to fill the wall width! They may then be able to completely come apart when they dry.

Before installing factory processed (stained, glazed, painted) wood panels, it is important to pick panel from several bundles and mix the lengths on the wall. The absorbency of the boards vary based on the tree's growing conditions, where in the tree trunk they are taken from and the width of the boards.

Mixing of different widths (95 mm, 120 mm, 145 mm) on the same wall is done at your own risk as it is not possible to guarantee the same colour on panels with different dimensions and/or manufacturing dates.

### INSTALLING | FASTENING | NAILING | USE OF GLUE

Panel boards with widths of and above 120 mm must always be fastened with two nails/screws per strut in the visible front. The panels should always be glued in the end mills (short ends), but never in the tongue and groove on the long sides when the fastening is traditional with two nails/screws per 60 cm.

Brads 17x40 mm / 20 x 40/50 mm respectively 12 and 14 mm panel are good choices.

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16x40 mm pneumatic nails may be used. The length of the nails should/must be 3 x the thickness of the panels. In panels with tongue and groove for hidden fixing, staples may be used.

**PLEASE NOTE!** We have our own panels with tongue and groove for hidden fixing.

### APPLICATIONS

Surface-treated interior panels from the manufacturer are treated for internal use and should not be used outside. For exterior use, the wooden panels must be surface treated as cladding products in wood. This can be done manually by the customer at the construction site.

Feel free to use wood paneling in the bathroom, but avoid wet areas. Wood such as spruce and aspen are often used in saunas.

**Pine can not be used in saunas or cold storage rooms.**

### PAINTED PANEL

Painted panel is surface treated with a water-dilutable interior paint that gives a beautiful finish and light gloss (Gloss level 20-25). Standard colour is NCS S0502-Y.

### PANEL QUALITY AND WOOD FINISHING

Panels come in spruce and pine of various qualities. Nature corresponds to 50% grade 1 and 50% grade 2. More profiles are delivered finished painted in knot-free pine.

We deliver a number of different panel profiles finished with carefully selected and tested products. With industrial application of stain, glaze and other surface treatment, you avoid shrinkage strips and get a beautiful and even surface.

In addition to paint or stain, our effect panels have a gentle layer of shimmer, glitter or copper and silver. Read more about our surface treatment here:

[www.bergeneholm.no/kunnskap/behandling/panel](http://www.bergeneholm.no/kunnskap/behandling/panel)

### READ OUR BUILDING GUIDE

The panel may be mounted on the ceiling and on the wall and is equally suitable in both small and large rooms. It can be mounted vertically, horizontally, lengthwise, across, straight, slanted, as panel wall or in full height. What you select is up to you and your taste.

For those who would like a detailed description of the installation and treatment of the panel, we recommend that you read or download the "how-to" guide on [www.bergeneholm.no/byggeguider](http://www.bergeneholm.no/byggeguider).

### PERFECT RESULT

Best results are obtained if nail holes and other small beauty defects are sparkled before a final coat of paint is applied after installation. **This work should be done after the panels have shrunk - i.e. early spring, after the first full heating season.**

### WOOD - A LIVING MATERIAL!

Wood lives and breathes. Wood knots and variations in the expression will therefore occur. There are no known treatments on the market today that can guarantee that knot bleeding (yellowing/cracks) will not occur over time. This also applies to our products, although we use the best knot sealing solutions on the market.



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