

INSTRUCTIONS

Utilization of three-ply panels for exterior use □

BINDER'S three-ply panel is the ideal (massive) board for exterior applications like facades, storefronts, shutters and others.

The processing at the building site has to respect the following wood specifically details and characteristics:
Binder three-ply panels has been dried in the factory to a moisture content of 8 to 10%. The panels' behavior during the exterior use is the same as for solid wood products. The panel takes in humidity and eliminates it under heat exposure. These effects can cause shrinkage as well as cracks. The depth of the cracks up to several millimeters does not cause a lowering of dimensional stability of the panel. These effects are to understand as a typical characteristic for a wood product and have to be accepted. We do not accept such cracks as a reason for a claim.

The most efficient preservation is the structural wood preservation:

- Protection against driving rain by a stand back position or by exposed covering.
- Rainwater has to drain immediately and completely. Continuing moisturing causes an uncontrolled swelling.
- Screws and nails have to be corrosion resistant in order to avoid a discoloration of the exposed surface.
- Flooring application under weathering conditions is not possible.

Coatings of the panels:

- Edges exposed to the weather have to be protected in a constructive manner as well as sealed with an appropriate varnish in order to prevent the absorption of moisture.
- The UV-radiation and air pollutants cause a loading and a drabness of the untreated surface.
- The coatings have to be applied before the first exposure to rain happens. Coatings on a moistured panel cause a condensation under the protection surface.

Recommendations:

- Use a pigment-coloration glaze
- Use an open-porous glaze in order to avoid a moisture accumulation.

We reject all claims for damages arising in this context.