

Dear Sir, dear Madam,

**This is an important notice to maintain the longterm quality of your staircase.**

If the wood was not pre-treated prior to installation, the staircase should be treated immediately after installation. So that no problems can occur, such as for example, cracks, stains, ...

**Ideal moisture content of the wood - hygrothermal conditions in the house**

Wood must always have a moisture content corresponding to the relative humidity of the environment in which it is used. If this is not the case, the wood will absorb moisture or release it until a moisture content is reached which corresponds to the relative humidity of the environment. This will cause timber movement & deformation. The deformation may cause that some parts come loose causing the staircase construction losing strength and / or unsightly open joints occur.

To avoid problems due to excessive timber movement after the installation, strong fluctuations of the hygrothermal conditions should be avoided and the indoor relative humidity may not be too high or too low. The construction phase in which the staircase is installed can have a major impact on the final quality. For that reason the staircase should be installed, after sufficient drying of the plastering, screed and certainly after the house is wind and water tight. Also the stairs should best not be installed in the immediate vicinity of heating and there may absolutely be no heating elements placed underneath the stairs.

**The appropriate hygrothermal conditions in the building and the appropriate moisture content of the wood are essential for the dimensional stability of the parts of the stairway.**

All our types of wood are dried to a moisture content of 10% and processed between 10 and 12%. Therefore, the temperature in our workshop is about 15 ° C. This is a constant temperature maintained during the weekends and holiday periods to bring the wood to the customer in the best possible conditions.

**==> Please have the air humidity checked in the house on a regular basis to make sure that it is not too dry i.e. below 40% or too wet i.e. above 60%.**

This is both unhealthy for solid wood as well as us human beings.

	<b>Subject:</b> <b>Hygrothermal conditions in the house</b>	 FSC www.fsc.org FSC® C105394 The mark of responsible forestry	 PEFC PEFC/07-31-237 Promoting sustainable forest management www.pefc.org
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