

## General information

- Solid wood panels consist of different joints/layouts of lamella structures. Therefore, they have the advantage that there is a small range of movement, as this method relieves the natural internal tensions of the wood.
- It is necessary to know that wood is still a natural material and for this reason natural properties such as; bending, shrinkage, swelling or possible slight cracking cannot be completely excluded, but they can be significantly reduced through proper use, treatment (with knowledge of solid wood) and maintenance.
- In the process of making solid wood panels, lamellas are meaningfully sorted by colours. However, since it is a purely natural product, partial natural colour deviations, in particular after any further surface treatment, cannot be completely excluded or affected. Such colour deviations can be present even inside the trunk itself, which in some cases also provides a unique structure. For this reason, they must in no case be an element of disturbance, dispute or cause for complaint, as this is precisely what gives wood its original character - wood is a living, natural material.

**Application:** Due to bonding and drying, please note that the panels are intended for indoor use only in a balanced room environment. (Air temperature: 20-23°C, relative air humidity 40%-50%). In case of "unhealthy" – too dry/humid climate, the consequences will be borne by the panels (bending, shrinkage, swelling, etc.). For this reason, we ask you to pay attention to these things and to warn your potential customers about them. If necessary, the processor should seek professional assistance.

Use according to EN 13353; SWP/1 NS (solid wood panels for non-load bearing use in dry space).

**Storage:** Indoors and dry space, preferably air-conditioned (air temperature: 20-23°C, relative humidity 40%-50%). It is necessary to have the panels covered with protective film and, if possible, properly supported (at least one bearing per meter of panel length is recommended).

- Solid wood panels can be defined more precisely as semi-finished products. This means that, depending on the use of these, any additional cutting, grinding or finishing is still necessary.

## Technical information

**Drying:** Individual lamellas should be technically dried and graded according to colour prior to treatment. The moisture of the wood after the production process is completed is approx. 8+/- 2%.

**Classification - quality:** Classification of individual lamellas is divided into different qualities; A/B, A/C, B/C, RUSTIK, etc.

**Sanding:** Solid wood panels are sanded with 80/100 granulation.

**Bonding:** The panels are glued with an adhesive belonging to the D3 class according to the European classification standard DIN EN 204. The adhesive does not contain formaldehyde. Suitable for indoor use only!

**Treatment:** The top and bottom surfaces of the panel must have the same mechanical and surface treatment, otherwise there may be bending or other types of changes of the panels.