



# BOVALLS

*dörrbyggeri*

## Internal doors and humidity

**When installing wooden doors, the house should have a humidity level that does not exceed 70% and does not fall below 40%. Before the construction moisture has completely dissipated from the house, interior doors should not be installed, as they may expand or contract due to significant fluctuations in humidity that occur on a construction site.**

Wood is a living material that contracts and expands with changes in temperature and humidity. Interior doors are also affected by the seasons. Oiled interior doors need to be re-oiled when the wood feels dry to avoid the risk of drying cracks.

In winter, low humidity can be a problem in general, especially if you use a fireplace or wood-burning stove. The humidity can drop well below 40%, causing veneer cracks, affecting solid wood, or creating gaps between hardwood and door panels.

Interior doors fare best in a consistent climate, meaning that the temperature and humidity should ideally be the same on both sides of the door. If there is too much of a difference, variations in temperature and humidity can cause the door leaf to warp.

In early autumn, solid interior doors consisting solely of organic material may swell as summer transitions into a more humid late summer/autumn period. This is entirely natural and will revert as indoor air becomes drier. For advice and tips regarding doors touching the frame, please give us a call, and we will assist you!

**Lastly, under no circumstances should wet towels or laundry be hung on interior doors! This is an effective way to damage the surface of your interior doors and can cause warping.**

