

## Installation:

### Installation on concrete

With a concrete sub-floor, the planks must be glued to the concrete. The sub-floor must be level, dry and void of cement lumps etc. Possible unevenness need to be leveled. In order to determine the humidity of the concrete two different methods are used in practice at which the following limit values need to be considered.

- a) the relative humidity of the concrete must be less than 65%
- b) a "CM humidity" for cement concrete must be less than 2%

In general the choice of the glue type is depending on the subfloor and on the conditions at the construction site. Dispersion adhesive is generally not adequate. Only use glues for parquet flooring. Follow the instructions on the manufacturer's data sheets. Remember to allow clearance to all walls and fixed projectiles of min. 10 mm or rather of 2.0 mm per meter room width.

### Installation on a wooden sub-floor (e.g. subfloors, hardwood floors, boards made of derived timber products)

It is possible to directly screw or nail the Chalet boards on used hardwood floors or subfloors. In doing so, the new boards must possibly be installed diagonal, otherwise transverse to the former direction of installation. In order to avoid creaking noises, we recommend adding a permeable film as an intermediate layer.

Remember to leave a clearance to all walls and fixed projectiles of min. 10 mm or rather of 2.0 mm per meter room width.

## Climatic conditions

BOEN Chalet is dried to 7.5% ( $\pm 1\%$ ) moisture content. It is therefore a matter of course that the building is heated and dry. All windows and doors must be in place and all brickwork, rendering and concreting completed well in advance of the floor being installed. The room must be heated to a minimum of 15°C with a maximum RH of 60%. Ensure that the room is kept temperate after having installed the flooring and that the relative humidity remains below 60%.

Store the Chalet planks always under dry conditions and do not open the packaging until the floor is being installed.

## Under-floor heating

The Chalet boards are appropriate to be installed on under-floor heating with limitations. Due to the large formats of the individual boards, the swelling and shrinkage dimensions are greater than for classic parquet floorings. Insofar it is possible that the shape might change or gaps may form between the boards.

## Surface treatment

The Chalet planks are finished using oxidative drying natural oil. Maintenance should be carried out using BOEN Oil Freshen Up. After the installation, we recommend to apply a first treatment before use.

Daily cleaning is best carried out using a dry cleaning method, either with a dry mop, a broom or a vacuum cleaner.

If it is necessary to "wash" the floor, we recommend to add BOEN Floor Soap to the fountain water. Imperatively make sure to damp mop only - never water your parquet flooring. Please immediately mop with a dry cloth.