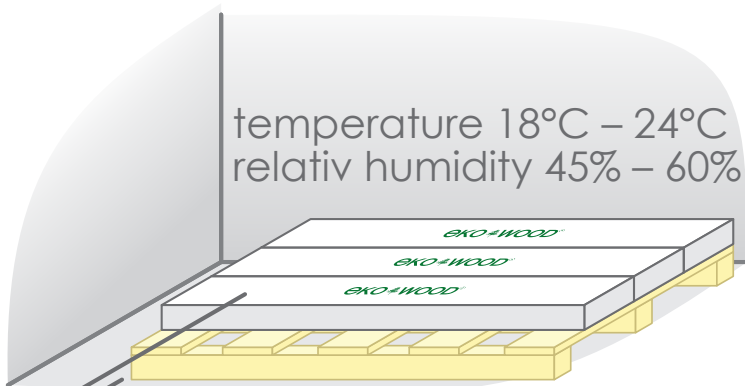


## before installation



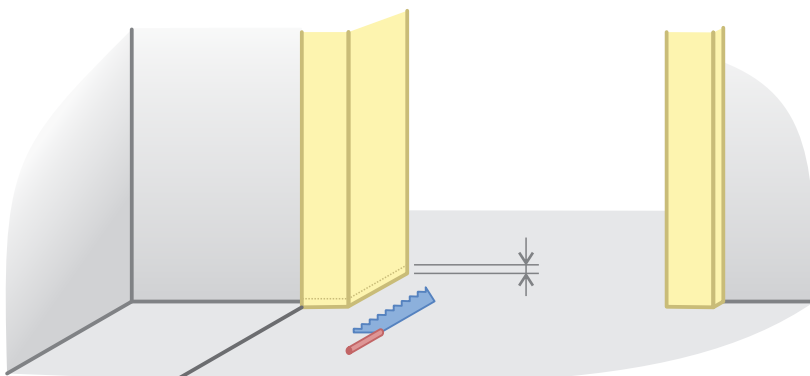
- moisture for concrete screed max. 2% CM, with underfloor heating max. 1,8% CM
- moisture for anhydrite max. 0,5% CM, for underfloor heating ma. 0,3% CM
- the flooring should acclimatize in the room where it will be installed for at least 10 days prior to installation in unopened packages
- store in a horizontal position on an aerated underlayer/palette

- The structure should be finished with all external doors and windows already in place
- All other works (such as cement works, painting and other wet processes) must be finished
- It is always necessary to maintain the room temperature between 18-24°C and recommended humidity in the room should be 45-60%
- If the relative humidity drops, use humidifier, if it increases, aerate. This will help the flooring to be more stable in reaction to humidity and temperature
- The surface underneath must be sturdy, uniform, level within the tolerance parameters 2mm/2m

## underfloor heating

- Flooring can be installed onto screed suitable for water-based underfloor heating
- Water temperature in the system should be 40°C at most
- It is important to adhere to the heating diagram when it comes to new buildings and new underfloor heating systems and screed
- Surface temperature of the heated floor construction must not exceed 27°C
- Beech, Ash, Maple and Jatoba are NOT suitable for underfloor heating

## preparation on the day of installation

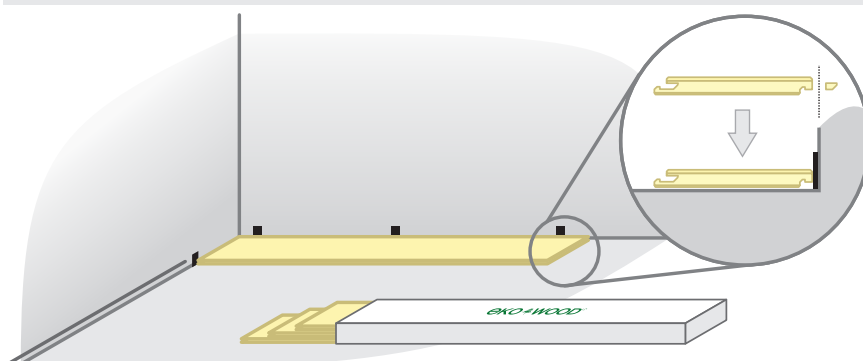


- Door frames will have grooves cut in them in the desired dimension so that the flooring can be installed underneath them



- remove all dust and dirt from the underlayer

## starting the floor

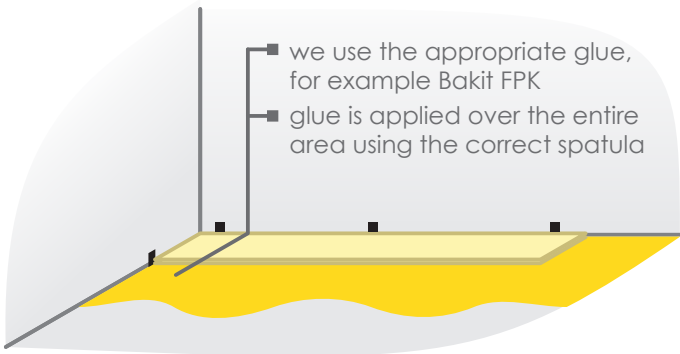


- Remove the tongues on the first-row boards
- Insert at least 10mm wedges along the wall while installing the boards
- If the flooring is being glued to the underlayer, we recommend to first do a dry installation of two rows that you afterwards dismantle apply the glue and re-install
- If necessary the shape of the first row can be modified to suit the wall shape (while maintaining dilatation)

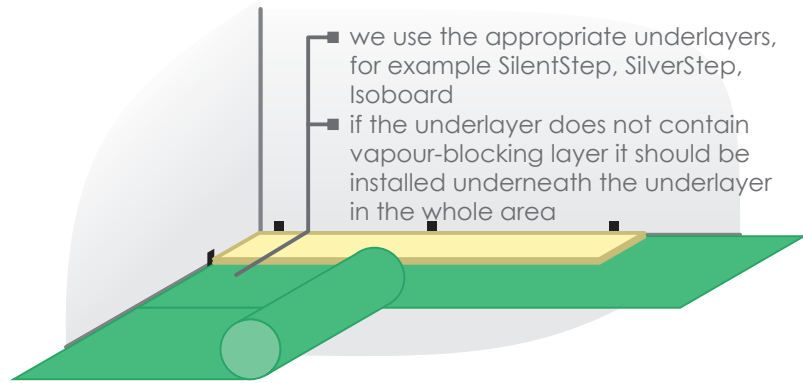
10mm vedge

**glued or floating installation of the flooring**

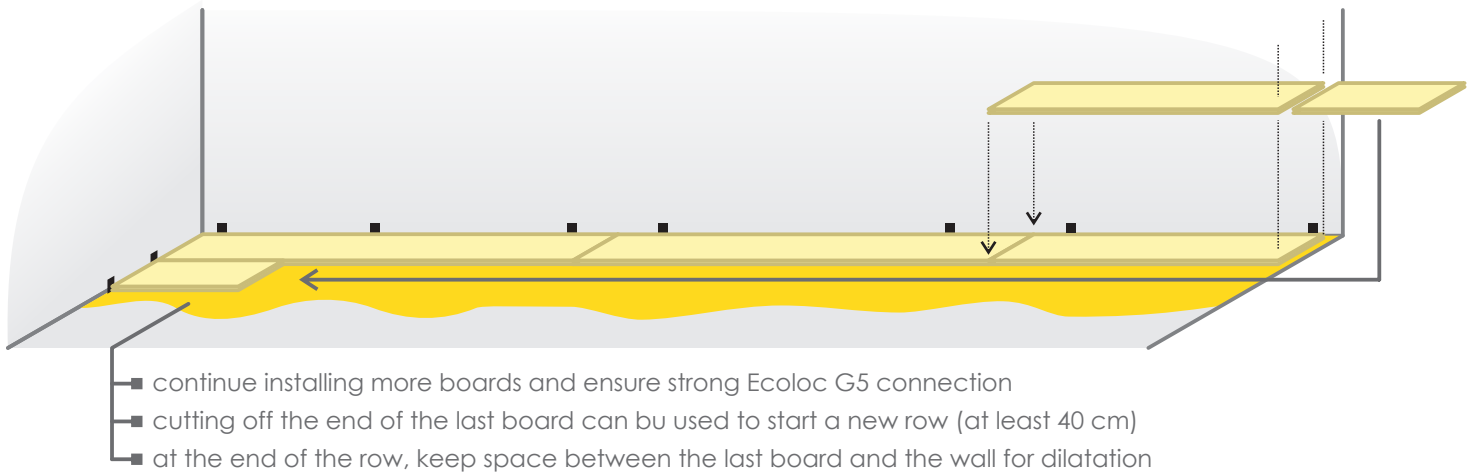
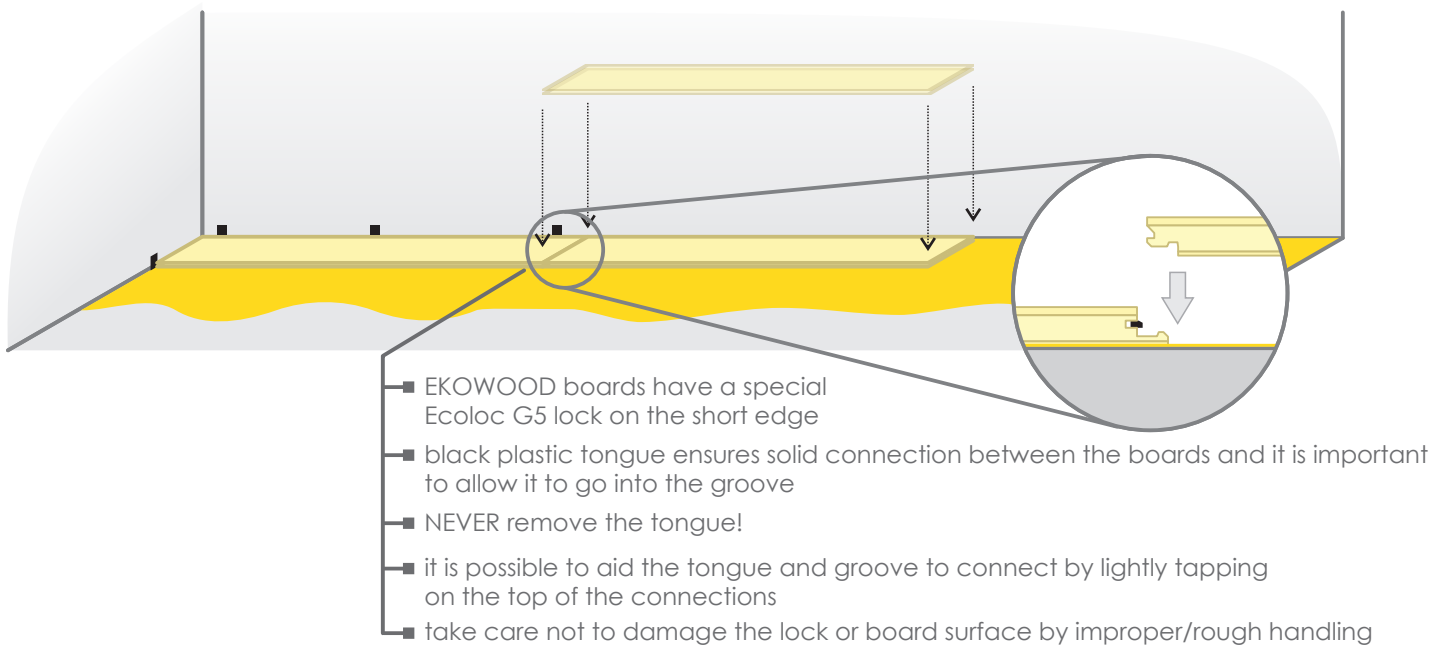
glued installation

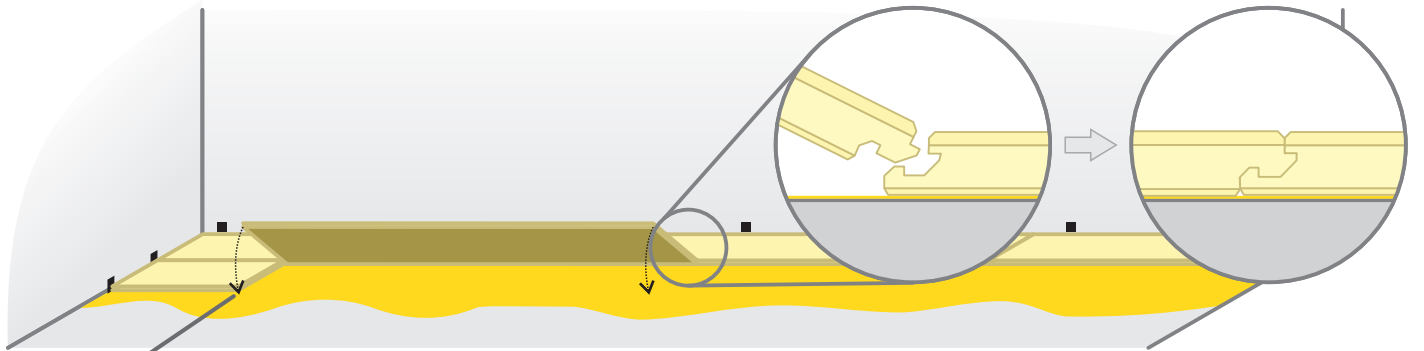


floating installation

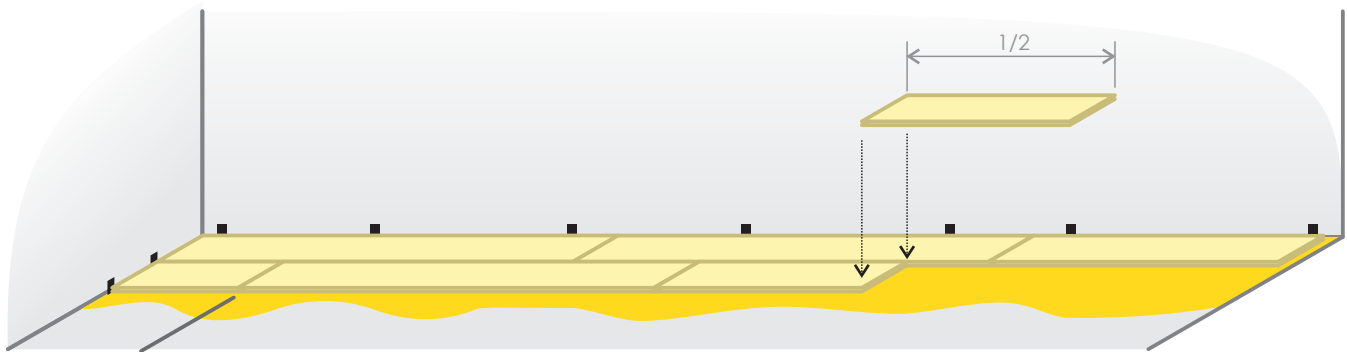


installation steps





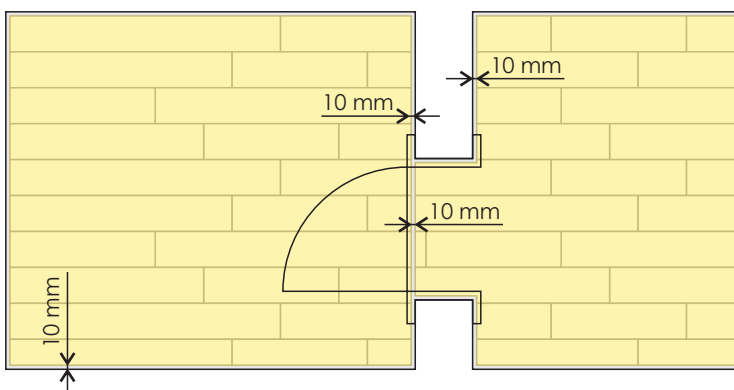
- connect the long edges by placing the tongue of the board into the groove of the previous row
- EKOWOOD boards have UniClic connection on the long edge which allows for connection without the need for glue
- simply by pushing the boards click together and the tongue securely locks the boards just like a door-lock



- EKOWOOD package contains two rows of half-length boards
- these boards are intended to create a randomised look. Place them occasionally into the floor as it is created
- half-length boards are also suitable for starting new rows

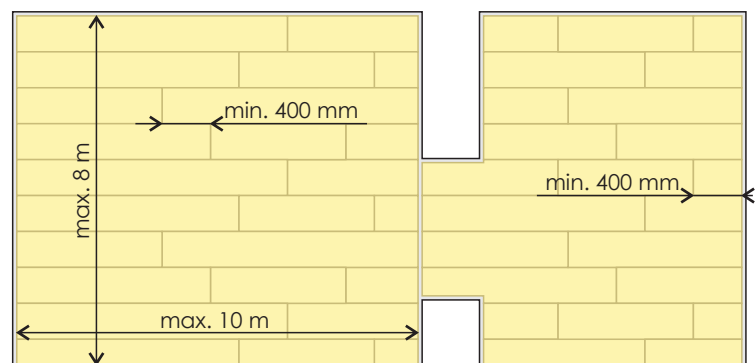
## rules during installation

### dilatation gaps



- it is necessary to keep the dilatation gap of 10 mm from every solid part of the structure such as walls, beams, stairs or pipes
- we recommend the same gap even around heavy furniture parts (aquariums, kitchen line etc.)
- even between rooms it is necessary to have the dilatation gap

### maximal and minimal allowed dimensions



- to improve the overall stability of the floor keep the distance between short edge connections to at least 400 mm as shown above
- floor in one piece should not exceed 10 m in length and 8 m in width, otherwise there is a risk of defects being formed (bulging, cracking, etc.), this is especially true for floating installation
- in case of larger floor dimensions it is necessary to separate the floors by a dilatation gap

## floor maintenance

### general rules

- it is necessary for the installation to be performed according to the EKOWOOD installation and maintenance guidelines, especially to have all boards checked for visible defect prior to installation
- the end user should therefore take into account that despite the final grading check by the manufacturer, small variations in grading can occur in no more than 5% of the total amount
- if the difference in grading is not in more than 5% of the total amount this variation can not be accepted as a reason for a claim for replacement
- variations in colour and structure can occur when ordering additional goods after the first purchase
- wood is a natural product with specific attributes which has often an unstable character and properties
- in order to preserve of its beauty, we recommend placing a quality mat in front of and behind entrances to avoid scratches due to dirt
- how often is it necessary to clean your floor depends on the foot-traffic. In private areas it is usually enough to clean once a week, in restaurants and other frequented areas it is recommended to perform wet cleaning daily
- clean only using a damp mop-head, never soaking wet, potentially dry-mop afterwards as well
- during maintenance never use common cleaning substances for dishes, hot water, abrasive pastes or aggressive chemicals
- dust, various threads or animal fur can be removed by Hoover or dustpan and brush
- from time to time your floor needs revitalizing with appropriate products. At home it is generally necessary after months depending on the usage intensity

### recommended methods

EKOWOOD floors are treated with OSMO hard wax oil, therefore the following products and methods are recommended:

- **WISCH-FIX** - concentrate designed for cleaning and maintenance of floors containing natural substances. It is especially recommended for wooden flooring with hard wax oil surface treatment but also for lacquered floors and laminate. It refills the floor with natural coconut oil and doesn't dry it out. Use: simply add to water and clean with a damp mop.
- **WAX MAINTANACE AND CLEANER** – effective at removing fat, shoe-polish, shoe-marks, ink and other resilient stains. Especially recommended for the first cleaning and maintenance. Cleans, regenerates and also supplies the wood with natural hard waxes without creating a film on the surface.
- **HARD WAX OIL** – for the wood to keep its properties for years, the used areas must be additionally repaired with one of the OSMO hard wax oils. After thorough cleaning apply once a thin layer of hard wax oil using the OSMO brush for floors or OSMO Floor Xcenter.

First distributor for the Czech Republic



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