

# INSTALLATION INSTRUCTION KÄHR'S LUXURY TILES DRY BACK WOOD AND STONE, 2,5 mm

Date: 2018-12. Current installation guide can be found on [www.kahrs.com](http://www.kahrs.com)

## GENERAL

The room temperature when installing the floor must be between +18°C and 25°C, and the relative humidity in the premises must be between 25 % and 70 %.

The flooring material must be acclimatised in the room for at least 24 hours before installation. The room temperature must be maintained for at least 72 hours after installation.

Avoid placing a load on the floor for the first 24 hours after installation. If under-floor heating is installed, it must be switched off during installation and for the adhesive's hardening time (approx. 1 week). Then switch on the heating and increase the temperature gradually. The floor and adhesive film may be subjected to max. +27°C.

## SUBFLOOR

Kährs Luxury Tiles can be installed on most substrates, which must be clean, even, sufficiently dry and firm, free of yield or movement, free of cracks and flat (+/-3 mm per 2 metre and +/-1,2 mm per 25 cm).

For a concrete substrate, the max. RH is 85 % during installation, measured in accordance with the current industry standard. Any dust or loose particles must be carefully removed. Any stains or spills from paint, oil or similar that impair adhesive qualities must be removed. If the subfloor is not installed with care and in accordance with the supplier's instructions, joints in particle boards or similar subfloors may show through. Any unevenness in concrete floors must be levelled. Levelling compound/filler must be sufficiently firm for the area of application in the premises.

## INSTALLATION

The choice of adhesive must be adapted to the local area conditions. The tiles shall be glued using one of the suggested adhesives on the Kährs adhesive list. Check with the relevant adhesive supplier and follow their instructions and choice of the adhesive applicator, adhesive quantity 3-4 m<sup>2</sup>/l. Install the floor tiles using wet or late wet gluing. Make sure there is good dampening between the subsurface and the floor tiles. Do not glue more than

you have time to install during each adhesive's setting/installation time. Install the tiles tightly against one another by applying slight pressure. NB: the tiles must not be forced against one another. Roll the tiles with a weight of at least 45 kg in both directions immediately after installation. Newly-installed flooring must not be wet-cleaned until the adhesive has hardened.

Remove any spots of glue immediately using lukewarm water or glue cleaner. Follow the adhesive manufacturer's instructions on suitable tools, working temperature, humidity, setting time, etc.

On surfaces exposed to high temperatures/strong sunlight (e.g. shop windows) or where the floor is exposed to moisture/free water from above (e.g. entrances), a polyurethane adhesive must be used. Follow the supplier's instructions and pay particular attention to the health and safety regulations.

## MISCELLANEOUS

Colour matching between individual tiles can only be guaranteed for tiles with the same production number (see production number on each pack). Always check that all packs have the same production number before installation.

Despite the fact that all material is inspected carefully before delivery, faults can occur. Any deviations (damaged or incorrect floor tiles) must be reported immediately to Kährs and must not be installed, but must be set aside before installation. If you are in any doubt before installation, always consult us. Any returns must always be approved by Kährs, so contact us to make sure they are processed correctly.

Office chairs that are to be used on Kährs Luxury Tiles must be fitted with soft type W castors in accordance with DIN 68131. Also note the firmness requirement for the substrate. Rubber wheels, rubber pads, printing ink from plastic, etc. can discolour the floor and leave permanent marks. Always use felt/furniture pads on all furniture to minimise the risk of possible surface damage, scratches, etc.

The logo for Kährs, featuring the brand name in a white, bold, sans-serif font with a registered trademark symbol, set against a dark red square background.

For reasons of production technology, matching of patterns cannot be guaranteed. If the design of the product selected has a direction of pattern, the pattern must be installed in the same direction. It is the installer's responsibility to make sure that installation takes place in the same direction. If you are in any doubt, consult us. We recommend that the tiles be installed in the same direction, in accordance with the mark/arrow on the reverse side of the tile.

If construction activity is to continue, place protective covering on newly-installed floors. Do not tape the protective cover directly to the floor. The adhesive on the tape can have a negative effect on the floor and some types of adhesive are very difficult to remove. Feel free to consult the tape supplier if in doubt.

Please feel free to contact us for additional information.