

## Installation and maintenance

*Concrete tiles are a handmade product, which will get even more beautiful over time. The tiles always contains a little humidity when delivered in boxes. Small scratches and dust can appear on the surface. This is completely normal, and will disappear after correct installation. Follow our instructions carefully.*

### Installation

- Mix tiles from different boxes, to eliminate the natural variations in colors from each box.
- Apply the adhesive evenly on the surface, using a large-toothed comb trowel. Apply adhesive on the back of the tile as well, to adjust the small variations in the thickness of the tiles.
- Position the tiles with your hands – without hammering – leaving a minimal gap for joints. With floor heating a minimum of 2 mm joints is required.
- Once tiles are installed and the cement adhesive are dry, clean the surface thoroughly with water and a sponge. Protect the tiles carefully until they are sealed.

### Grouting

- **Avoid using grout that is much lighter/darker than the tile**, since pigments in the grout might stain the tiles irreversibly.
- Before grouting, give the tiles the first layer of sealer and let it dry – see below. Clean the tiles thoroughly before sealing. The lime and salts that naturally can appear on the surface of concrete tiles can be removed with Fila PS87 before first sealing layer, if you don't want the "limewashed" appearance of concrete tiles.
- Fill the joints with a yoghurt-thin grout-paste for tiles with a minimal joint. With floor heating the joint needs a minimum of 2 mm width.
- The grout surplus must be cleaned immediately with a wet cloth/sponge, to avoid it to permanently stain the tiles.
- Grout only smaller areas, approx.. 1 m<sup>2</sup> at a time. Clean thoroughly. Also here Fila PS87 can be used if needed.

### Sealing

- Do not use sealers before the grout are completely dry and the tiles are thoroughly cleaned.
- Use a kitchen sponge and work hard to remove any residue, stains, etc., before sealing the tiles.
- If the tiles have larger stains or you don't want the natural limewashed appearance of concrete tiles, sand the tiles with a 400 grit sand paper. Carefully polish off all dust before sealing.
- Use Fila MP90 EcoPlus as sealer. Apply 2 layers, the first layer before grouting – see above. Apply a fair amount of the sealer, since the tiles are quite absorbing. After 5-10 min. the remaining sealer is massaged into the tiles with a cloth. **It is important that the sealer is not drying out wet on top of the surface of the tiles.**
- Finish off with 2 layers of Fila Matt wax.
- For an extra robust sealing and in wet areas, apply 3 layers of both Fila MP90 EcoPlus and Fila Matt wax.

### Maintenance

- Never clean with harsh detergents based on acid or alkaline like Ajax, etc
- Clean with ph-neutral, natural soaps. We recommend Fila Cleaner.
- If the tiles have been waxed, apply 2 cl. of the wax to the soap water in every second washing.
- Lime residues and tougher stains can be removed with Fila PS87 using a kitchen sponge. Re-wax the spot with 2 layers of wax.