

INSTALLATION KÄHR'S UPOFLOOR ZERO SHEET

Date: 12.3.2018

Relative humidity of the concrete floor must not exceed RH 85% (< 2.0% CM). Temperature during installation and that of subfloor and material should be at least +18°C (68°F).

Before installing the flooring, it must be ensured that the final levelling compounds have dried sufficiently.

The flooring must be installed using adhesives approved by floor manufacturer:

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| - Ceresit (Thomsit) K 188E | - Bostik Star Tac Combi |
| - Casco Proff Universal | - Kiilto Floor Plus |
| - Ardex AF 145 | - Mapei V4SP |
| - Schönox Emiclassic | - Uzin KE 2000S |
| - Kiilto M1000 Eco | - Eurocol 640 |

Adhesive is applied using a fine-toothed trowel and the amount of adhesive should be 150–200 g/m². Installation is performed using semi-wet gluing method, paying attention to the absorbency of subfloor, the adhesive and conditions. The floor covering must not be installed on top of existing floor covering.

When installing on solid unabsorbing subfloor the leveling compound layer has to be thick enough. The layer must create an even and equally absorbing base for adhesive. Usually this means that minimum 2mm thick layer is required. Before installation make sure all leveling compound has completely dried.

With heated floor construction it is possible that moisture will condensate below surface material if material is significantly colder than floor construction. Special care should be taken not to overheat floor construction. A few days before installation, temperature of the subfloor should be decreased to the installation level and temperature has to remain steady for one week after installation. After that it is possible to raise temperature carefully step by step. Notice that ultimate maximum temperature is +28°C.

When installed over wooden or other sheet board structure, subfloor producer's instructions have to be followed to ensure moisture balancing and minimized movement in subfloor.

Use only identical batch number materials in one room. If necessary, edges should be trimmed to ensure tight joints between sheets.

The floor must be rolled while the adhesive is still fresh. The weight of the roll should be 50-70 kg. Rolling prevents the emergence of adhesive trowel marks and indentations on the finished floor surface. Avoid traffic on the floor and do not move furniture until the adhesive is totally dry.

Seams are to be heat welded using the product's own welding rod minimum 24 hours after installing flooring material. Also corners should be welded. To avoid differences in gloss, use a suitable welding temperature and speed. Suitable speed and temperature can be tested to a non-visible area or to small installation waste pieces. Warming up the material before cutting and fitting is recommended. Using too high temperatures when warming up the material for coving may damage the flooring surface.

After installation, the floor surface should be carefully protected against construction-period loads and stresses with an appropriate material for the purpose. The protective materials should be taped to each other only – not to the surface of the flooring!

Manufacturer will not be responsible for the functionality of the floor if the aforementioned instructions are not followed.

Occasionally, the flooring may show some individual chips of deviating colours.