



# INSTALLATION INSTRUCTION KÄHR'S UPOFLOOR ESTRAD

Date: 2019-12-12.

## ESTRAD SAFETY

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 leveling compounds have dried sufficiently.

Use always recommended adhesive and follow instructions from adhesive supplier. Adhesive is applied using a fine-toothed trowel and the amount of adhesive is typically 200 - 300 g/m<sup>2</sup>. 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.

**Uzin KE 2000S**  
**Mapei V4SP**  
**Mapei VS 90 Plus**  
**Ardex AF145**  
**Ardex AF165**  
**F Ball F46**  
**F Ball F49**

When installing on solid unabsorbing subfloor leveling compound layer have to be thick enough to create even and equally absorbing layer for adhesive. Usually this does mean that at least 2 - 3 mm 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 used no to overheat floor construction. Few days before installation temperature of the subfloor will be decreased on the installation level and temperature have to remain steady one week after installation. After that it is possible to rise temperature carefully step by step. Notice that ultimate maximum subfloor temperature is +27 °C.

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

Use only same batch number materials in same room. If necessary, edges should be trimmed to ensure tight joint 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 own welding rod of the product minimum 24 hour after installing flooring material. To avoid differences in gloss, use a suitable welding temperature and speed. Suitable speed and temperature can be tested to not visible area or to small installing waste pieces. Warming up the material before cutting and fitting is recommended. Using too high temperature 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 this instruction is not followed.

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