

# Installation

## KÄHRS UPOFLOOR QUARTZ

Date: 09.2020

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.

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

The flooring should be installed using water based acrylic dispersion adhesives. Installation is performed according adhesive manufacturer instructions. Typically semi-wet gluing method is used. Adhesive amount needed is typically in the range of 250 g/m<sup>2</sup>. Floor covering must not be installed on top of existing floor covering.

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 to not over heating 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 temperature is +28°C.

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

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!

Kährs Upofloor 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.

If any thoughts that material delivered is not right, wrong color or defected, it may not be installed.