

STAUF WFR-360 Solvent-based adhesive

Solvent-based adhesive for wood flooring according to DIN 281 and DIN EN 14293

Special features:

- ▶ fast setting
- ▶ economical product



Suitable for installation of

- ▶ wood strip flooring raw according to DIN EN 13226, max. 75 x 600 mm, min. 14 mm thickness
- ▶ mosaic parquet according to DIN EN 13488
- ▶ solid lamparquet products according to DIN EN 13227 up to 55 x 250 mm, min. 10 mm thickness
- ▶ upright mosaic parquet lamellas, according to DIN EN 14761, from 16 mm thickness

Additional instructions floor coverings

- ▶ solid lamparquet products: individual lamellas, wood types and installation units prone to swelling, installation preferably with STAUF PU adhesives such as STAUF PUK-450, PUK-440 or PUK-445
- ▶ mosaic parquet: no parallel patterns for wood types prone to swelling
- ▶ For installation of multiple layer wood flooring on HDF or MDF base exclusively use STAUF PUK- and SMP-adhesives!

Suitable sub floors

- ▶ cement floors
- ▶ calcium sulphate (flow) floor
- ▶ sanded mastic asphalt screed
- ▶ chipboards V100 (E1), OSB boards
- ▶ unlaminated gypsum fiber boards
- ▶ STAUF leveling compounds for wood flooring

Additional instructions sub floors/substrates

- ▶ mosaic parquet: parallel patterns only on absorbent sub floors

Suitable primers

- ▶ STAUF VLM-100
- ▶ STAUF VLM-90 + adhesive

Suitable leveling compounds

- ▶ STAUF SPP-95
- ▶ STAUF SPP-90
- ▶ IBOLA RM

Suitable underlays

- ▶ STAUF comfort pad
- ▶ STAUF polyester fleece
- ▶ STAUF Decoupling/stress relief board

Suitable cleaners

- ▶ STAUF Solvent cleaner
- ▶ STAUF Cleaning agent

Product properties

- ▶ Aging-resistant
- ▶ very well spreadable
- ▶ high shear strength
- ▶ not sensitive to frost
- ▶ highly inflammable
- ▶ fast setting period
- ▶ water-free
- ▶ methanol-free

Color

- ▶ beige

Required quantities per m²

- ▶ 950 g with STAUF notched trowel no. 3
- ▶ 1250 g with STAUF notched trowel no. 4
- ▶ 1050 g with STAUF notched trowel no. 5

Open time

- ▶ approx. 10 minutes at 20 °C

Accessibility

- ▶ after 48-72 hours

Room climate at work site

- ▶ minimum 15 °C, maximum 75% rel. humidity, preferably max. 65%

Transport packaging group

- ▶ III

Transport UN-number

- ▶ 1133

Transport hazard category

- ▶ 3

Transport hazard code

- ▶ F1

Storage hazard category

- ▶ TRBF 20: B

Shelf-life

- ▶ minimum 12 months

Available Packaging

- ▶ 25 kg metal hobbcock

GISCODE

- ▶ S1

Examination of sub floor

Prior to processing, the sub floor must be checked according to the standard DIN 18356 or corresponding national standards. The sub floor shall be resistant to pressure and tension, free of cracks, must have sufficient surface strength, be permanently dry, level, clean and free of anti-adherents, sinter layers etc. In addition, porosity and grip of surface need to be checked. Also check moisture content and absorptive capacity of cement (flow) and calciumsulfate (flow) floors as well as room temperature, air humidity and sub floor temperature.

Sub floor preparation

It must be ensured that the sub floor is ready for installation by performing proper sub floor preparation, floors must be clean, have sufficient surface strength, must be level, permanently dry and free of cracks. A mechanical pre-treatment of the sub-floor (sweeping, vacuuming, mechanical brushing, sanding, milling, shot blasting) must be performed depending on type and condition of sub floor. Cracks and joints, except expansion joints and other construction joints, shall be solidly closed with STAUF casting resin and floor brackets. Cavities and indentations can be filled with a non self-leveling STAUF leveling compound. In order to improve adhesion of adhesives and leveling compounds, prime the sub floor with the appropriate primer. Always apply a primer under leveling compounds, dispersion wood flooring adhesives and under wood flooring adhesives on underfloor heating systems. If necessary, make sure sub floors are level, have sufficient absorptive capacity and grip by applying the appropriate STAUF leveling compound.

Processing

Depending on the degree of setting, adhesive residues can be removed with the appropriate STAUF cleaners. Please test the effect of the cleaner on the finish of the wood flooring in an inconspicuous area or on a sample prior to applying the cleaner. Apply adhesive to sub floor using the appropriate STAUF notched trowel, avoid adhesive pooling and excessive layer thickness by evenly raking the notched trowel over adhesive layer. Install wood flooring during specified open time, slide in and press down firmly.

Accessibility

Load bearing capacity depends on type of wood flooring and sub floor. Only sand or finish solid wood flooring after adequate setting time to allow deformations caused by the adhesive to recede. On non-absorbent substrates, setting time is delayed, load bearing only after a couple of days.

Other information

The TGRS 610 demands that installation adhesives containing solvents shall be substituted by products with lower health risks. Dispersion adhesives meet this criterion. In addition, the guideline recommends using products low in emission. We therefore recommend looking into the option of replacing solvent-based epoxy resin wood flooring adhesives by dispersion adhesives (STAUF M2A series), SMP adhesives (STAUF SMP series) or polyurethane adhesives (STAUF PUK series) - in this order.

Limitation of liability

The foregoing representations are based on the results of our most current product and material testing and are of a non-obligatory advisory nature only since we have no control over the actual quality of workmanship, materials used and worksite conditions. As such, they do not constitute an express or implied warranty of any kind. The same applies to our commercial and technical consultation services which are provided free-of-charge and without obligation. Therefore, we strongly recommend that prior on-site testing be conducted to observe and study the suitability of the product for the intended purpose. With the release of this technical information, all prior technical information (technical data sheets, installation recommendations and other information regarding similar purposes) becomes invalid.