

# STAUF

— seit 1828 —



## STAUF WFR 360

hard solvent-based adhesive for wood flooring according to ISO 17178



GISCODE  
S I

### Technical Datasheet

Product number ✓ 122050

Special features ✓ fast setting  
✓ very well spreadable

Suitable for installation of ✓ upright mosaic parquet lamellas, according to DIN EN 14761, from 16 mm thickness  
✓ solid lamparquet products according to DIN EN 13227 up to 55 x 250 mm, min. 10 mm thickness  
✓ mosaic parquet according to DIN EN 13488  
✓ wood strip flooring raw according to DIN EN 13226, max. 75 x 600 mm, min. 14 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 455, PUK 446  
✓ mosaic parquet: no parallel patterns for wood types prone to swelling

Suitable sub floors ✓ sanded mastic asphalt screed  
✓ calcium sulphate (flow) floors  
✓ STAUF levelling compounds for wood flooring  
✓ chipboards V100 (E1), OSB boards  
✓ unlaminated gypsum fibre boards  
✓ cement floors

Additional instructions sub floors/substrates ✓ mosaic parquet: parallel patterns only on absorbent sub floors

Suitable primers ✓ STAUF VDP 130  
✓ STAUF VLM 100  
✓ STAUF VLM 90

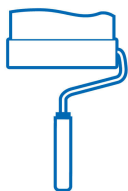
Suitable levelling compounds ✓ STAUF XP 40  
✓ STAUF XP 20  
✓ STAUF FZ  
✓ STAUF RM

Suitable underlays	<ul style="list-style-type: none"> <li>✓ STAUF comfort pad</li> <li>✓ STAUF polyester fleece</li> <li>✓ STAUF Decoupling/stress relief board</li> </ul>
Product properties	<ul style="list-style-type: none"> <li>✓ aging-resistant</li> <li>✓ suitable on sub floor heating systems</li> <li>✓ high shear strength</li> <li>✓ methanol-free</li> <li>✓ not sensitive to frost</li> <li>✓ water-free</li> </ul>
Color	✓ beige
Required quantities per m <sup>2</sup>	<ul style="list-style-type: none"> <li>✓ 950g with STAUF notched trowel no. 3</li> <li>✓ 1250g with STAUF notched trowel no. 4</li> <li>✓ 1050g with STAUF notched trowel no. 5</li> </ul>
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%
Shelf-life	✓ 12 months
Giscode	✓ S1
Available Packaging	✓ 25 kg metal hobbock



## EXAMINATION OF SUB FLOOR

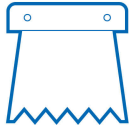
Prior to processing, the sub floor must be checked according to the standard DIN 18356 or corresponding national standards. The sub floor shall be resistant to pressure and tension, free of cracks, must have sufficient surface strength, be permanently dry, level, clean and free of anti-adherents, sinter 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

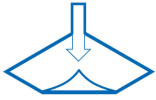
It must be ensured that the sub floor is ready for installation by performing proper sub floor preparation, floors must be clean, have sufficient surface strength, must be level, permanently dry and free of cracks. A mechanical pretreatment of the subfloor (sweeping, vacuuming, mechanical brushing, sanding, 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-levelling STAUF levelling 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 levelling 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.

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