

STAUF

seit 1828



STAUF M2A 700

hard very low emission dispersion-based adhesive for wood flooring according to ISO 17178



Technical Datasheet

Product number ✓ 121110

Special features ✓ suitable for raw wood flooring
✓ reduced swelling
✓ easy to spread
✓ fast setting

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, for wood types prone to swelling min. thickness 22 mm

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 ✓ wooden planks, wood fibre boards
✓ STAUF levelling compounds for wood flooring
✓ chipboards V100 (E1), OSB boards
✓ cement floors

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

Suitable primers ✓ STAUF VDP 130

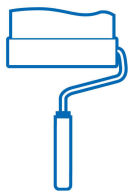
Suitable levelling compounds ✓ STAUF XP 40
✓ STAUF XP 20
✓ STAUF FZ
✓ STAUF RM
✓ STAUF SSP RAPID

Product properties	<ul style="list-style-type: none"> ✓ aging-resistant ✓ sensitive to frost ✓ high shear strength ✓ low swelling ✓ very well spreadable ✓ fast setting period
Color	✓ beige
Required quantities per m ²	<ul style="list-style-type: none"> ✓ 850g with STAUF notched trowel no. 3 ✓ 1000g with STAUF notched trowel no. 4 ✓ 950g with STAUF notched trowel no. 5
Open time	✓ 10 - 15 minutes at 20 °C
Accessibility	✓ after 24 - 48 hours
Room climate at work site	✓ minimum 15 °C, maximum 75% rel. humidity, preferably max. 65%
Storage requirements	✓ frost-free
Shelf-life	✓ 12 months
Giscode	✓ D1
Ecode	✓ EC1
Available Packaging	✓ 18 kg plastic bucket



EXAMINATION OF SUB FLOOR

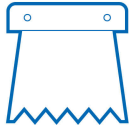
Prior to processing, the sub floor must be checked according to the standard DIN 18356 or corresponding national standards. The sub floor shall be resistant to pressure and tension, free of cracks, must have sufficient surface strength, be permanently dry, level, clean and free of anti-adherents, sinter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

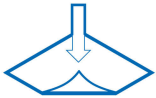
It must be ensured that the sub floor is ready for installation by performing proper sub floor preparation, floors must be clean, have sufficient surface strength, must be level, permanently dry and free of cracks. A mechanical pretreatment of the subfloor (sweeping, vacuuming, mechanical brushing, sanding,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



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. Contaminations with liquid or hardened adhesive can be removed with lukewarm soapy water. When installing wood flooring, you should preferably work in front of and not on already installed elements. In the first 24 hours during setting of adhesive, only walk on installed flooring when absolutely necessary for installation. In order to avoid subsequent hollow areas, weigh down the freshly installed wood flooring if necessary, especially for larger format elements such as multiple layer wood flooring or wood strip flooring.

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.

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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