

STAUF

— seit 1828 —



STAUF GLASFIBRE FABRIC

Reinforcement and refurbishment scrim made of alkali-resistant glass fiber strands



Technical Datasheet

Product number	✓ 110170
Special features	✓ very high tensile strength ✓ possible alternative to resinous closing of cracks
Application range	✓ Reinforcement of unstable subfloors ✓ improved installation safety on unstable grounds ✓ ideal for varying subfloors, transitions and screed extensions ✓ trouble shooter in renovation areas
Suitable subfloors	✓ Old subfloors with adhesive or levelling compound residues ✓ mastic asphalt screed ✓ calcium sulphate (flow) floors ✓ wooden planks, wood fibre boards ✓ chipboards V100 (E1), OSB boards ✓ stone, ceramic, terrazzo, tiles ✓ unlaminated gypsum fibre boards ✓ cement floors
Product properties	✓ suitable on subfloor heating systems ✓ specific reinforcement of unstable subfloors ✓ Noticeable increase in tensile- and flexing strength of levelling compounds ✓ tear resistant
Color	✓ white
Consumption per m ²	✓ roll width 1 m
Storage requirements	✓ dry
Available packaging	✓ 35 m roll

EXAMINATION OF SUBFLOOR



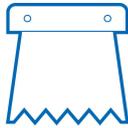
Prior to processing, the subfloor must be checked according to the standard DIN 18356, DIN 18365 or corresponding national standards. The subfloor must be dry and free of materials that impede the adhesion.

SUBFLOOR PREPARATION



The subfloor preparation must ensure that the subfloor is ready for covering, in particular that it is clean, solid, has grip and is absorptive as necessary. Carry out mechanical pre-processing of the sub-floor (sweeping, vacuuming, machine brushing, sanding and grinding, milling, shot blasting) depending on the type and condition of the surface. Cracks and joints, apart from expansion joints or other joints necessary for construction, must be closed in a force fitting manner from a width of 4 mm upwards with STAUF glass fibre mat, from 6 mm crack width using STAUF casting resin and screed anchors. Holes and hollows can be filled beforehand with a stable STAUF levelling compound.

SUB FLOOR PREPARATION



After application and drying of the primer, level the crack zone about 50 cm across the joint /crack with a steadfast STAUF levelling compound. Insert the fiberglass fabric across the crack path immediately in the fresh levelling compound and press it on fully. After the levelling is dry, remove the film by pulling it off. Proceed with the intermediate priming with a suitable primer. Following this, roll out the STAUF fiberglass mat with an overlap of about 1-2 cm, whereupon a suitable fibre reinforced levelling compound, at least 5mm in thickness, is put on. Afterwards use a prickler roller to remove air pockets from the levelling compound.

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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