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DURABASE FGT

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Reinforcement steel mesh with decoupling effect made of non-woven fibreglass composite

- Installation instructions -



GENERAL INFORMATION

Please refer to our DURABASE FGT product information. You can find it on-line at www.dural.de.

The generally recognised rules of good engineering practice must always be observed! The following applies to all products/materials: Usability in terms of mechanical and chemical loads should be carefully checked in each case before installing the mat. Protect the material from long periods of exposure to sunlight.

PREPARING THE SUBSTRATES

The substrate must be dry, level and free of adhesion-resistant components. Any loose parts of the substrate must be removed. Perform any possibly needed leveling before installing DURABASE FGT. Any existing cracks should be professionally sealed. Apply a suitable base coat or adhesive primer to the prepared substrate in accordance with the manufacturer instructions.

INSTALLING THE FGT MAT

Note: When working with DURABASE FGT, and especially when cutting the mats, we recommend that you wear work gloves to avoid injury from fibreglass particles. Cut the mats to size using a cutter knife or scissors. No additional length is needed to overlap the mat joints. To avoid friction on the connections, maintain open end joints of 5 – 10 mm. When aligning the mats, note that cracks should be bridged at a right angle when possible and the joints of adjacent mats should have an offset of at least 30 cm (no cross joints).



Installation



Installation on old ceramic tiling



Installation on OSB boards



Installation on cracked floor screed

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Mix commercially available tile adhesive according to manufacturer instructions. The proportion of water added should be around the upper end of the manufacturer recommendation. Apply the tile adhesive in sections using the smooth side of a notched trowel and then even out using a 4 x 4 mm or 6 x 6 mm notched trowel.

Place the DURABASE FGT mat cut to size with the non-woven material side down onto the adhesive layer and press firmly. Lay the mats end to end. Set the joints of adjacent mats at the mat end with an offset of at least 30 cm. You do not need to cover the seams. To avoid friction on the connections, maintain open end joints of 5 – 10 mm. Note the open time of the adhesive used.

INSTALLING THE FLOOR COVERING

Do not install the floor covering until the adhesive has fully cured (observe manufacturer instructions). You can install any common type of flooring, such as tile, natural stone, parquet, laminate, carpeting or designer floor covering on substrates reinforced with DURABASE FGT.

The installation process should be adapted to the selected floor covering type. Here you need to make sure that the mesh structure of DURABASE FGT has been carefully filled. If additional sealing is required, we recommend the additional use of DURABASE ET-S after laying DURABASE FGT and before installing the final floor covering.

INDICATIONS

DURABASE FGT is suitable for all common underfloor heating systems without restriction. If there is a risk of horizontal shearing forces due to specific circumstances, we recommend the use of DURABASE CI ++.



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