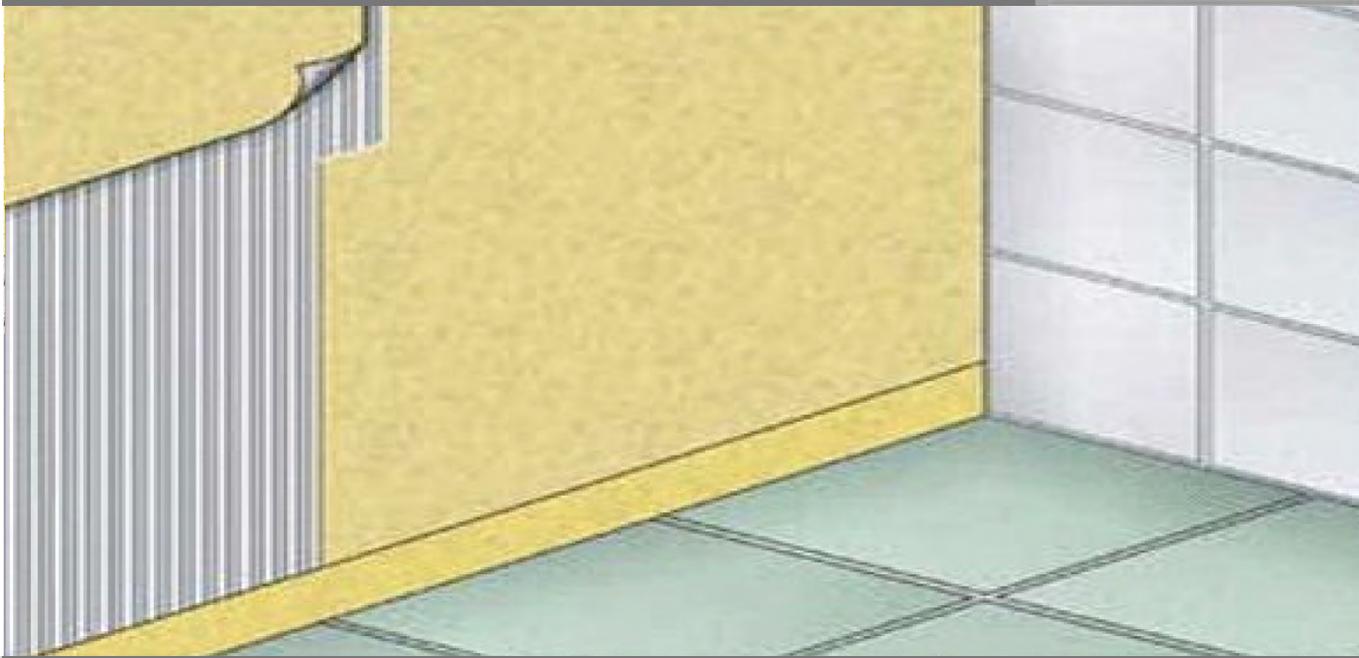


BI Waterproof Membrane



Underlay mats for decoupling and waterproofing tiled walls / floors



THE PROBLEMS:

1. Wall sealing

Ceramic tiling in itself is not waterproof: Junctions to fittings and walls are particularly susceptible to water ingress which can damage the substrate. Walls, particularly in wet rooms and at industrial premises such as breweries, are exposed to high levels of moisture.

2. Cracks

During renovations of old surfaces, cracks in the substrate can occur which no longer guarantee a secure installation of new tiling.

SOLUTION:

Bright Ideas Waterproof Membrane is a crack bridging sealant membrane made of soft polyethylene. It has water vapor retarding properties and is physiologically safe. Because the waterproof membrane does not require disposal as special waste, it is also environmentally compatible. The mats are fabricated with a fleece fabric on both sides which provides maximum anchorage in the tile adhesive. The Bright Ideas Waterproof Membrane is highly elastic, waterproof, resistant to aging and rot proof. It is also resistant to aqueous and chemical solutions, salts, alkalis, alcohols, oils and organic solvents.

The Bright Ideas Co (UK) Ltd
Hainge Road, Tividale,
West Midlands,
B69 2ND
ENGLAND (UK)

Tel: 0121 520 9200
Fax: 0121 520 9900

sales@thebrightideas.co.uk

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CHARACTERISTICS:

- Wall sealing

The waterproof membrane can be used as composite sealing between tiling and adjoining walls. It provides secure adhesion to the substrate and allows easy completion of the tiled surface.

- Sealing in extremely moist areas

Even in areas heavily exposed to moisture, the waterproof membrane can be used as composite sealing between tiling, adjoining walls and the underlying floor.

- Production of acid-resistant coverings

In combination with epoxy resin and suitable tiles, the membrane can also be used to produce acid-resistant coverings such as those specified for the foodstuffs industry.

- Use as a sealing strip

In the form of strips, Bright Ideas Waterproof Membrane can be used to effectively close gaps in composite seals. Other areas of application include the sealing of wall-floor junctions. In conjunction with a suitable adhesive sealant, the membrane can also be used to bridge gaps between composite seals and fittings.

INSTALLATION:

The substrate must be stable, level and free of loose pieces. The thin-bed mortar must be matched with the substrate. Best results are usually achieved with thin-bed mortar or flex mortar requiring hydraulic setting. This mortar must achieve a strong mechanical bond with the carrier fleece under the membrane mat. Recommendations for ideally matched products can be obtained directly from Bright Ideas.

1. Before installation, the waterproof membrane mats are cut to the required dimensions. The thin-bed mortar or flex mortar is applied to the substrate by means of a 4x4mm serrated trowel. After that, the mats are pressed, (using a smoothing trowel or the smooth end of the serrated trowel), into the previously applied mortar so that it binds with the entire surface of the carrier fleece. Make sure to keep the trowel pressed down at an angle when moving it across the mat in order to prevent the formation of air pockets. All joints should be bonded with tape overlapping by roughly 5 cm. Thin-bed mortar or flex mortar requiring hydraulic setting should then be applied to the surface. In the case of wall junctions, inner and outer corners as well as transitions, the membrane can simply be cut to the required dimensions.

2. Tiles can then be immediately installed directly on the mats using thin-bed mortar. General rules concerning standard tile installation must be observed here, including the rules governing the application of the thin-bed mortar or flex mortar using an appropriate serrated trowel. Suitable joint mortar and cold-curing resin adhesive should be used for coverings exposed to chemicals.

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