

wedi Subliner Dry | Sheet Membrane

- for indoor areas
- for walls and floors
- waterproof and crack-bridging
- approved surface sealing sheet for wet areas strongly exposed to water



General product description

Thin, crack-bridging sealing sheet made from tear-resistant polyethylene film. Thanks to the dual-sided special fleece lamination, the polyethylene film offers the optimum anchoring for tile-laying materials. Perfect for fast sealing measures on building sites with fixed deadlines in combination with ceramic tiles and slabs as well as natural stone floor coverings for indoor wall and floor surfaces.

Areas of application

wedi Subliner Dry is a fleece-lined sheet membrane used in the interior for sealing and waterproofing wall and floor surfaces underneath tiles or slab coverings in applications such as

- Domestic Bathrooms
- Commercial Bathrooms

Tested and approved by the building authorities for the manufacture of a composite sealing material for wet rooms subject to heavy exposure to water of the moisture exposure classes A, C such as, for example:

- Showers
- Borders of swimming pools
- Commercial kitchens and laundries

In the case of areas that require an official building authority permit, only system-tested components may be used. More information on this is contained in the general test certificate issued by the building authorities.

Product features

- 100% waterproof
- Water vapour retardant
- Flexible & crack-bridging
- High tear-resistance
- Alkaline resistant
- Aging-resistant
- Non-decomposing
- Quickly installed
- Easy to install
- Low overall height
- Strong adhesion of wedi laying materials
- Chemical-resistance in accordance with DIN EN 1847
- Suitable for application on hot-water floor heating systems
- Suitable for application under electric floor heating systems

Substrate Surface Requirements

- The Substrate being adhered to must be clean, firm and free dust, dirt, oil, grease, curing compounds, release agents and other barrier materials that may damage the membrane.
- Any absorbent, mineral surfaces must be primed. Smooth or non-absorbent surfaces that cannot be treated using surface treatment methods such as blasting, etc. must also be primed.
- When used on heated screeds, the current regulations for floor coverings on heated floor constructions must be observed.
- Concrete and lightweight concrete must be at least 3 months old.
- Residual moisture must not exceed the following values:

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| Cement screeds*: | 2.0 % |
| Calcium sulphate screed: | 0.5 % |
| Calcium sulphate screed, heated: | 0.3 % |
| Gypsum-based plasters: | 1.0 % |
| (measurement with CM instrument) | |

* The evenness of the surface must be guaranteed, do not lay on an undulating surface.

- The entire surfaces of the mastic asphalt screeds must be sanded down and have a minimum hardness class.

Processing

1. Roll out the wedi Subliner Dry and cut to size using a Stanley knife or a scissor.
2. Spread out an even thin layer of tile adhesive on the Substrate surface using a notched trowel with teeth of either 4 or 6 mm length.
3. The Subliner Dry should be placed with the printed face towards the top.
4. Remove any squeezed-out tile adhesive and any enclosed air pockets. Avoid cross joints.
5. The joints should be placed side-by-side, or you can overlap the seams by a minimum of 50 mm.

6. Apply wedi 620 sealant and wedi sealing tape to the joint area of the individual sheets or apply wedi 620 to the overlapping area and press on the second sheet.
7. Then press down on the joint and overlap area with a trowel or rubber roller.
8. Seal corner joints and floor-to-wall connections with wedi sealing tape and wedi 620 sealant.
9. In the area of the floor drain, the sheet will be cut out in the area around the drain opening. The wedi Subliner Dry membrane must be tightly glued in the entire flange area up to the drain opening with wedi 620 sealant in accordance with the drain installation instructions.
10. wedi Subliner Dry is to be separated over existing expansion joints, building separation joints and edge connection joints, and formed in loops at the butt joints with wedi sealing tape.
11. After the tile adhesive has hardened, the surface covering can be laid on the walls and floors. Particular on the floors it is necessary that the tile adhesive must be hardened underneath the waterproofing membrane, as otherwise unevenness can occur when it is walked on.
12. When laying the tiles, tile adhesive is applied to the wedi Subliner Dry and the tiles are embedded almost completely in the mortar. In the case of coverings that are subject to exposure to chemicals, suitable reaction resin adhesive and joint mortar are to be used.

Please note: Areas for which a permit from the building authorities is required, only system tested components may be used. These can be found in the test certificate or approval. National standards and guidelines must be observed when planning and executing seals for interiors.

Technical properties

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| Material basis | Dual-sided special fleece lamination polyethylene film |
| Sealing sheet colour | grey |
| Sealing sheet width | 1 m |
| Sealing sheet length | 5 m, 30 m |
| Sealing sheet thickness | 0.51 mm |
| Weight | 298 g/m ² |
| Processing temperature | +5 °C to +30 °C |
| Temperature resistance | -30 °C to +90 °C |
| Waterproofness | tested and approved through CSIRO under AS/NZS 4858 |
| Equivalent air layer thickness (sd) | ca. 85 m |
| Fire behaviour EN 13501 | E |

Chemical resistance against

hydrochloric acid 3 %
sulphuric acid 35 %
citric acid 100 g/l
lactic acid 5 %
salt water 20 g/l (sea water salt)
alkali 3 % according abP general building inspection test certificate requirements

Delivery form

- 5 metre roll (sheet width 1 metre)
- 30 metre roll (sheet width 1 metre)

Storage

Store in a dry area. Do not store above 30 °C for an extended period of time.

Safety note

The product data sheets of specified and applied wedi accessory products are to be observed. In case of doubt, additional manufacturer information is to be obtained.

Disposal

wedi Subliner Dry is physiologically harmless. No rubbish requiring specialist disposal is present. Cut-off rests as well as the compound made from finishing cover and wedi Subliner Dry are to be disposed of as construction-site waste.

Information about finishing and application options for wedi products, technical recommendations or advice and other information provided by our employees (technical usage advice) is accurate to the best of our knowledge, but is non-binding and is given with the exclusion of any liability. It does not exempt our customers and their buyers from carrying out their own checks and trials on the suitability of the products for the intended processes and purposes.