

wedi *Subliner Dry* | Sealing sheet

- 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 sheet sealant for wet rooms subject to moderate exposure to water corresponding to the moisture exposure classes A0 in accordance with the ZDB information sheet, such as, for example:

- Bathrooms in private homes
- Hotel 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

- Waterproof
- Water vapour retardant
- Flexible & crack-bridging
- High tear-resistance
- Alkaline resistant
- Aging-resistant
- Non-decomposing
- Quickly installed
- Easy to install
- Low overall height
- Can be used on hot-water underfloor heating
- 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

Laying Surface Requirements

- 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.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risqué de toxicité par inhalation, sur une échelle de classe allant A+ (très faibles émissions) à C (fortes émissions).



- For use on heated screeds, the applicable notices of the Federation of the German Construction Industry concerning 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:

Cement screeds*:	3.5 %
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 of EN 13813 IC10, IC15.
6. Then press down on the joint and overlap area with a trowel or rubber roller.
 7. Remove any squeezed-out mortar and any enclosed air pockets. Avoid cross joints.
 8. Seal corner joints and floor connections using wedi sealing tape and cement sealing slurries. The sealing tape should be applied to the middle of the joint.
 9. In the area of the thin-bed floor drain, the sheet will be cut out in the area around the drain opening. The wedi Subliner Dry sealing sheet is to be glued in a waterproof manner along the entire flange area as far as the drain opening using wedi cement sealing slurries.
 10. The Subliner Dry is to be separated on top of the present expansion joints, structural separating joints and the edge-connection joints and is to be attached to the joint connections using wedi sealing tape. In the case of load class C, the sealing tape is to be embedded using reaction resin adhesive and covered by spreading quartz sand over the area.
 11. Wall tiles can be applied immediately after the sheet has been secured in place with the adhesive. The adhesive needs to be completely hardened on floors underneath the sheet because uneven areas can occur when walked upon.
 12. When laying the tiles, hydraulic quick-drying thin-bed mortar 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.

Processing

1. Roll out the wedi Subliner Dry and cut to size using a Stanley knife or a scissors.
2. Spread out an even thin layer of mortar on the laying surface using a notched trowel with teeth of either 4 or 6 mm length.
3. Lay the wedi Subliner Dry with the printed side facing upwards and tap with either a rubber hammer or a wooden board.
4. The sheets must be laid edge-to-edge or with overlapping edges (the sheets must overlap by 5 to 10 cm).
5. The joints between the individual sheets are to be created using cement sealing slurries and wedi sealing tape or apply the sealing slurries to the overlapping edge and press the second sheet onto it.

Please note: Areas for which a permit from the building authorities is required, only system tested components may be used.

Technical properties

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	Please see General Building Certificate (abP)
Equivalent air layer thickness (sd)	ca. 85 m
Fire behaviour EN 13501	E
Watertightness according to DIN EN 1928	>= 1.5 bar

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

Storage

Store in a dry area; can be stored for at least 12 months in its original packaging. Do not store above 30°C for an extended period of time.

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.

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.

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.