



PROPERTIES

One-component, flexible and crack-bridging waterproofing slurry for the production of bonded waterproofing under ceramic and cementitious wall and floor coverings in interior and exterior areas, crack-free curing, in cured state completely waterproof and open to vapour diffusion as well as frost and ageing resistant.

APPLICATIONS

Waterproofing under ceramic and cementitious coverings under high stress in accordance with stress classes A and B in combination with tiles. Waterproofing for moderate stress for moisture stress classes A0 and B0 according to ZDB bulletin.

Waterproofing of swimming pools and water tanks in solid construction. Approved for water depths of up to 6 m in accordance with the current test foundation rates.

Flexible bonded waterproofing under ceramic coverings on balconies and terraces.

Suitable for indoors and outdoors

COMPOSITION

Cement, dispersible polymer powder, mineral fillers and additives

SUBSTRATE / FORMWORK

The substrate must be solid, load-bearing and even, and free of oil, grease, dust and cracks. Unevenness in the substrate must not be levelled with DSB, but must be levelled with appropriate cementitious filler before carrying out the waterproofing.

Absorbent cementitious and gypsum-containing substrates as well as fibre cement, gypsum plasterboard and gypsum fibreboard must be primed one day before with SQ Primer. Priming closes the pores of the substrate and regulates the absorbency.

VERARBEITUNG

Working temperature

Do not apply at air, material and substrate temperatures below +5 °C and above +25 °C.

Working time

approx. 60 minutes

Mixing / Preparation

In order to avoid the formation of lumps during mixing, it is recommended to add approx. 2/3 of the required amount of water and to mix with a suitable stirrer at approx. 600 min⁻¹. After the material has broken down, the remaining amount of water is added.

Application / Processing

Apply two to three full and even coats (min. total dry film thickness 2.0 mm). Each layer must dry (approx. 3 hours) before applying the next one. In areas at risk of cracking, such as corners, wall and floor connections and pipe penetrations, prefabricated sealing tapes and wall or floor sleeves must be incorporated. For applications with pressing water according to DIN 18195-7, the minimum dry film thickness is 2.5 mm. For this purpose, DSB must be applied in at least three layers. Wall-floor connections, penetrations and corners must be sealed with sealing tape and sealing collars.

Setting / Hardening

The time until solidification is approx. 3 hours. DSB can be loaded with water after approx. 7 days.

Tool cleaning

Clean tools and equipment with water immediately after use.

Other information

Carefully cover adjacent surfaces and components (e.g. windows, window sills, etc.). Immediately wash off any contamination with water.

Freshly applied material must be protected from drying out too quickly and from unfavourable weather conditions (strong sunlight, frost, precipitation, etc.).

CONSUMPTION / YIELD

Consumption: approx. 1.8 kg/m² per 1 mm application thickness

Yield: 13.7 l wet mortar per 25 kg bag

TECHNICAL DATA

Processing temperature:	+5 °C to +25 °C
Working time at 23 °C:	approx. 60 minutes
Water requirement:	4.5 to 6.5 litres per 25 kg
Crack bridging:	0.4 mm with 2.0 mm layer thickness
Fully loadable after:	approx. 7 days
Hue:	grey
Grain size:	0-0.5 mm

DELIVERY FORM

25 kg bag, 5 kg bag

STORAGE

Store in a dry and appropriate place.

Can be stored for at least 12 months from the date of production in the sealed original container.

SAFETY INSTRUCTIONS

The product reacts strongly alkaline with moisture/water. Therefore protect eyes and skin. Wear rubber gloves when applying the product manually. In case of contact with skin, rinse with plenty of water. In case of eye contact, consult a doctor immediately. Observe further instructions in the safety data sheet.

GISCODE: ZP1 (cementitious products, low in chromate).

DISPOSAL

Dispose of in accordance with official regulations. Empty containers should be recycled. Material residues can be disposed of according to the Waste Catalogue Ordinance under waste code 17 01 01 (concrete) or 10 13 14 (concrete waste and concrete slurry).

GENERAL INSTRUCTIONS

The information in this leaflet only represents general recommendations. Should any questions arise in a specific application, please contact our responsible technical sales consultant or our online forum <https://betonsprechstunde.moertelshop.com>. Due to the use of natural raw materials, the stated values and properties may be subject to fluctuations. All information is based on our current knowledge and experience and refers to professional application and normal use. All information is non-binding and does not release the user from the obligation to check the suitability of the product for the intended use. A guarantee for the general validity of all information is excluded with regard to different weather, processing and object conditions. We reserve the right to make changes within the scope of further product and application technology developments. The general rules of construction technology, the applicable standards and guidelines as well as technical processing guidelines must be observed. With the publication of this technical data sheet, previous editions lose their validity. For the latest information, please refer to our website www.moertelshop.com.

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