



MULTIPROOF is a one-component, crack-bridging hybrid sealant used as composite sealant under tiles in interior and exterior areas. MULTIPROOF is a practical 2in1 product and can optionally be used in two different material thicknesses either as sealing membrane or as sealing slurry depending on the water exposure.

PROPERTIES

- Ready for use
- Highly flexible, crack-bridging and fibre-reinforced
- No primer necessary
- Composite sealant on balconies and terraces
- Easy taking out of partial material quantities
- With visible curing control
- High UV, frost and aging resistance
- Tested according to BS EN 14891
- Can be troweled, rolled up and sprayed
- Crack bridging ability at very low temperatures (-20 °C) tested according to BS EN 14891

Due to the high content of fibres the finished surface shows a particular high grip and offers an excellent contact area for the subsequent application of the tile adhesive.

AREAS OF APPLICATION

Sealing of

- concrete, lightweight concrete and porous concrete
- joint full brickwork
- cement screeds and calcium sulphate screeds
- plasters of the mortar categories CS II, CS III and CS IV in accordance with EN 998 (compressive strength $\geq 1.5 \text{ N/mm}^2$) and gypsum plasters according to EN 13279 (compressive strength $\geq 2.0 \text{ N/mm}^2$)
- Botament BP Building boards
- fibre cement boards
- gypsum plaster boards
- gypsum walls
- mastic asphalt screeds (IC 10)
- old tile coverings
- steel and non-ferrous metals

SUBSTRATE PREPARATION

The substrate must be in the following condition:

- stable, clean and frost-free
- free from grease, paint, cement laitance, separating agents and loose particles

Please also note:

- existing cracks must be closed with R70 casting resin
- level irregular substrates
- on surfaces full of pores or blowholes a scratch coat has to be applied first
- for the purpose of dust binding absorbent substrates can be primed with D11 or D1 Speed
- apply a thin contact layer made of MULTIPROOF on existing tile coverings

Mineral substrates must be slightly damp or pre-wetted prior to the first application of MULTIPROOF.

APPLICATION

- stir MULTIPROOF thoroughly and apply it with a sheepskin roller or a trowel in at least two layers (the previous layer of MULTIPROOF must have dried out completely)

For processing by rolling short-pile sheepskin rollers are the best choice. The roller should generally be well saturated with MULTIPROOF.

The subsequent tile fitting can be performed using M21 Classic, M21 HP, M29 HP, MULTISTAR, MULTISTONE or BTK200.

Joints, internal and external corners as well as penetrations, connections or transitions are covered by including SB78 System sealing tape or SB100 Stretchable zone sleeve and accessories in the first layer of the sealant material and worked over with the second layer.

Visible curing control:

Curing is complete when the waterproofing is no longer the colour it was when fresh (light grey), but has turned dark grey across the entire area.

CONSUMPTION

IMPORTANT ADVISORIES

During the hardening process MULTIPROOF has to be protected from moisture, draughts, solar radiation as well as from strong temperature fluctuations. Avoid negative water pressure.

While curing the relative humidity must not exceed 80 %.

You can view or download the safety datasheet at www.botament.com.

To achieve optimal results we recommend conducting a site-specific test sample prior to using.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm³	~ 1.1	
Working time	hours	> 1.5	
Rain resistant after	hours	~ 6	
Consistency			can be applied by trowel, painted on, rolled on or sprayed on
Application conditions	°C	> 5 < 35	
All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.			
base	polymer dispersion with special additives, fine mineral fillers and fibres		
colour shade	grey		
delivery form	10 kg bucket		
	18 kg bucket		
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs. Protect from frost.		
Cleaning agent	water, when dry through: mechanical		

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300011883]