



MB PUReactive TX

Stable hybrid waterproofing material for flat roofs and balconies

Availability		
Quantity per pallet	32	18
Size / Quantity	10,5 kg	25 kg
Type of container	Combi container (3 x 1.75 kg PC + 3 x 1.75 kg LC)	Combi container (12,5 kg PC + 12,5 kg LC)
Container code	10	11
Art. no.		
2980	■	■

Application rate

Approx. 1.5 kg/m²/mm dry layer thickness
Overall application rate min. 3 kg/m²
Apply to a large enough trial area to determine the precise amount required.



Range of use

- New construction and renovation of flat roof surfaces
- Waterproofing of used and unused flat roofs
- Waterproofing of balconies, loggias and arcades, freestanding and non-freestanding
- Repairing flat roof waterproofing
- Joining regions with rising building elements



Property profile

- Approved for use in accordance with EAD 0303-50-00-0402 (formerly ETAG 005)
- Water pressure tight
- Odourless
- Solvent-free
- Mechanically durable
- Highly resistant to weathering (UV, IR etc.)
- Can be applied by brush, roller or by spraying
- Tested crack bridging of more than 3 mm
- Highly flexible, ductile and permanently elastic
- Excellent adhesion on a wide range of substrates
- Stable
- High tensile adhesion strength
- Freeze/thaw-resistant

Characteristic data of the product

Density	Approx. 1.21 kg/dm ³
Crack-bridging	≥ 3 mm (at a dry layer thickness ≥ 2 mm)
Layer thickness	1.1 mm wet layer thickness yields approx. 1 mm dry layer thickness
Pot life	Max. 90 min. (20°C, 50% RH)
Water vapour diffusion resistance	μ = 2155
Foot traffic	Approx. 5 hours for 2 mm layer thickness (20 °C, 50% RH)
Reaction to fire	Class E (DIN EN 13501-1) BROOF Class T1 (DIN EN 13501-5)
Drying time	Approx. 4 hours for 2 mm layer thickness (20 °C, 50% RH)
Consistency	Free-flowing

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Possible system products

- [Selectmix RMS \(6752\)](#)
- [Concrete remover \(1211\)](#)
- [Thinner V 103 \(5699\)](#)
- [MB PUReactive F-Serie](#)

Preparation

- Substrate requirements

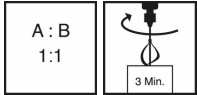


The substrate must be level, clean, dust-free and stable, and free of oil, grease and release agents.

■ Substrate preparation

If necessary, a contact layer of MB PUReactive TX can be applied to absorbent substrates at an application rate of approx. 500 g/m².
Fill depressions > 3 mm using a suitable filler.

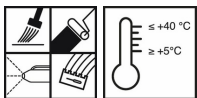
Production of the mixture



■ Combi-container

Stir the liquid component with a suitable mixing tool.
Loosen the powder component and add it in full to the liquid component.
Mix for approx. 30 seconds.
Remove the powder adhering to the side.
Mix again for 2 minutes.

Directions



■ Conditions for use

Temperature of the material, air and substrate: from min. +5 °C to max. +40 °C.
Low temperatures prolong, high temperatures shorten the working and through-drying times.
Application temperature should be at least 3°C above the dew point.
Stiffened material must not be made workable again.

■ Working time (+20 °C)

Max. 90 minutes

Follow-up work and coverings

Surface waterproofing + Detail waterproofing

Apply MB PUReactive TX to the prepared substrate using a suitable tool. Embed non-woven fabric of the MB PUReactive F-series correctly so that it is free of air pockets, and cover with the product (overall application rate min. 3.0 kg/m²).
Embed Fleece P overlapping at least 5 cm.

Tips on use

Moving the material (e.g. by stirring) in the mixing bucket can prevent premature skin formation.
The adhesion to the substrate must be tested on a case-by-case basis.
The maximum total wet coat thickness must not exceed 5 mm.
Protect fresh waterproofing from rain, frost and condensation.
Direct sunlight and/or wind can cause accelerated skin formation on liquid-applied waterproofing materials.
The minimum dry layer thickness is 2.1 mm.
Please contact Remmers Technical Service (phone +49 5432 83900) before applying with machine processing.

Notes

The characteristic data of the product were determined under laboratory conditions at 20 °C and 50% relative humidity.
Deviations from applicable regulations must be agreed separately.
Always set up a trial area/trial areas first.

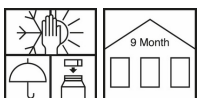
Tools / Cleaning



Mixing tool, flat brush, roller, smoothing trowel

Clean tools with water while the material is still fresh.
Any material that has already begun to dry can only be removed mechanically.

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 9 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.



Declaration of conformity



1119

Remmers GmbH

Bernhard-Remmers-Str. 13, D – 49624 Lönigen

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GBI P111

EAD 030350-00-0402

2980

Liquid applied roof waterproofing kits

Minimum application rate: 3.0 kg/mm²

Minimum layer thickness: 2,1 mm

Classification to use categories according to EAD 030350-00-0402:

Working life: W3 (25 years)

Resistance to mechanical damage (perforation): Compressible and non-compressible substrates: P1 to P4 (from low to special)

Roof slope: S1 to S4 (each roof slope)

Lowest surface temperature: TL4 (-30 °C)

Highest surface temperature: TH4 (90 °C)

Use category regarding BWR3: S/W2

Product performance:

Reaction to fire EN 13501-1: Class E

External fire performance EN 13501-5: BROOF(t1)

Water vapour diffusion resistance factor: $\mu = 2155$

Water tightness: passed

Release of dangerous substances: see chapter 3.3

Root resistance: NPD

Resistance to wind loads: ≥ 50 kPa for tear-resistant substrates

Slipperiness: NPD

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.