

MB 2K

Versatile waterproofing?
We get it done!

Product solutions



remmers

Digital brochure

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MUCH MORE IS HARDLY POSSIBLE!

MB 2K

The multi-functional building waterproofing for new and old buildings.



THE BENEFITS AT A GLANCE

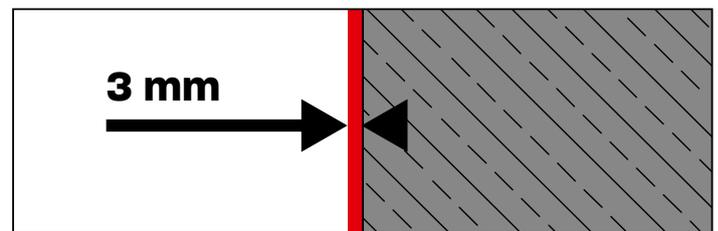
- ✓ Application rate approx. 1.1 kg/m² per mm dry layer thickness
- ✓ Highly flexible and elastic
- ✓ High adhesive pull strength on virtually all substrates
- ✓ Excellent resistance to pressure
- ✓ Can be overcoated
- ✓ UV-resistant
- ✓ Resistant to frost and de-icing salts

The 3 x 3 of perfect building waterproofing

MB 2K is the genius among multi-functional building waterproofing from Remmers. Over the last few years, the familiar properties of this all-rounder have been constantly improved and refined. In addition to offering unbeatable crack bridging at ultra-low coating thicknesses and extremely fast drying times, MB 2K can also be applied using all common methods.

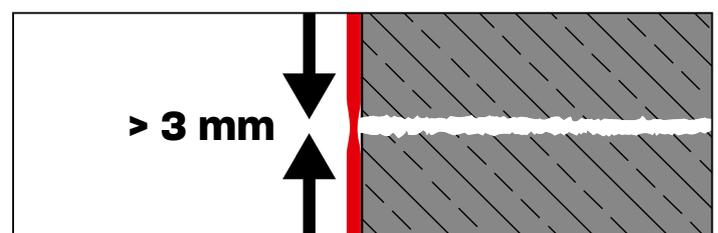
Layer thickness only 3 mm up to 3 m immersion depth without reinforcement

No matter what the application, 3 mm is enough. Even when waterproofing components in contact with the ground to protect them against pressing water, an application of MB 2K with a dry layer thickness of 3 mm is sufficient – without the need for fabric reinforcement.



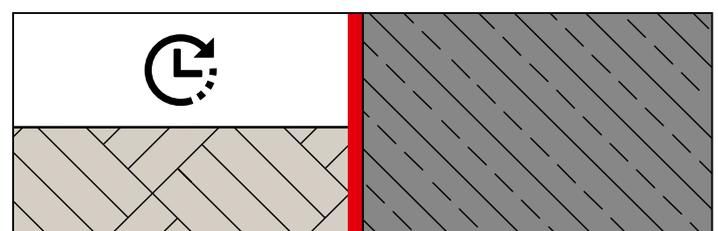
Tested crack bridging of more than 3 mm without reinforcement

In practical terms, crack-bridging capability means safety. With crack bridging of more than 3 mm, MB 2K is more flexible than conventional waterproofing systems, meaning that even areas subjected to high stresses can be permanently and securely sealed off.



Can be filled after 9 hours¹, always set after 18 hours²

With MB 2K, you save time as well as material. Thanks to its unique special formulation, MB 2K dries and cross-links incredibly quickly. In a standard climate, it can be filled after just 9 hours.



Product characteristics MB 2K

Base	Polymer binder, cement, additives, special fillers
Density	Bulk density of fresh mortar approx. 1.0 kg/dm ³
Consistency	Paste-like
Layer thickness	1.1 mm wet layer thickness yields a dry layer approx. 1 mm thick
Drying time	Approx. 18 hrs for 2 mm layer thickness (5 °C, 90% RH) Approx. 9 hrs for 2 mm layer thickness (23 °C, 50 % RH)
Crack bridging	≥ 3 mm (at dry layer thickness ≥ 3 mm)
Water impermeability	Tested to a water column of 8 m
Application temperature	Temperature of the material, air and substrate: min. +5 °C to max. +30 °C
Processing time	30 – 60 minutes (can be increased at high temperatures with VZ MB)

¹ Standard climate (23°C / 50% RH) ² Refrigerated climate (5°C / 90% RH)

Spraying, spreading and brushing

Remmers MB 2K is a multi-functional wonder when it comes to application too. When applying the material by hand, users can opt for spreading, brushing, or even rolling.

On difficult-to-reach transitional areas and small surfaces, such as those found at wall bases and along the ground course, application by brush as a slurry is the established method. On larger surfaces, we recommend applying with a trowel. The low dripping losses and high stability of the material mean highly efficient surface coverage.



Tested through and through!

MB 2K offers fully tested safety to the highest level. No matter where you use this waterproofing product, we have the appropriate test certificates and proof of usability.

Scan the QR code to see an overview of test certificates and other related documents.



For use on
large areas



or

For use on
small areas



A plus in efficiency

for all areas of application

It is especially effective to apply Remmers MB 2K by spraying. When using machine technology suitable for the construction site, spray application is an efficient alternative to manual methods for surfaces starting from just 40 to 50 m². Thanks to the 1 : 1 pre-packaging of Remmers MB 2K, significant amounts of time can be saved on site – which means major efficiency gains too. For smaller projects, the 3 : 3 packs are the perfect solution. For plinth waterproofing, for use in conjunction with joint tape or similar applications, this pack size prevents you from wasting valuable material.

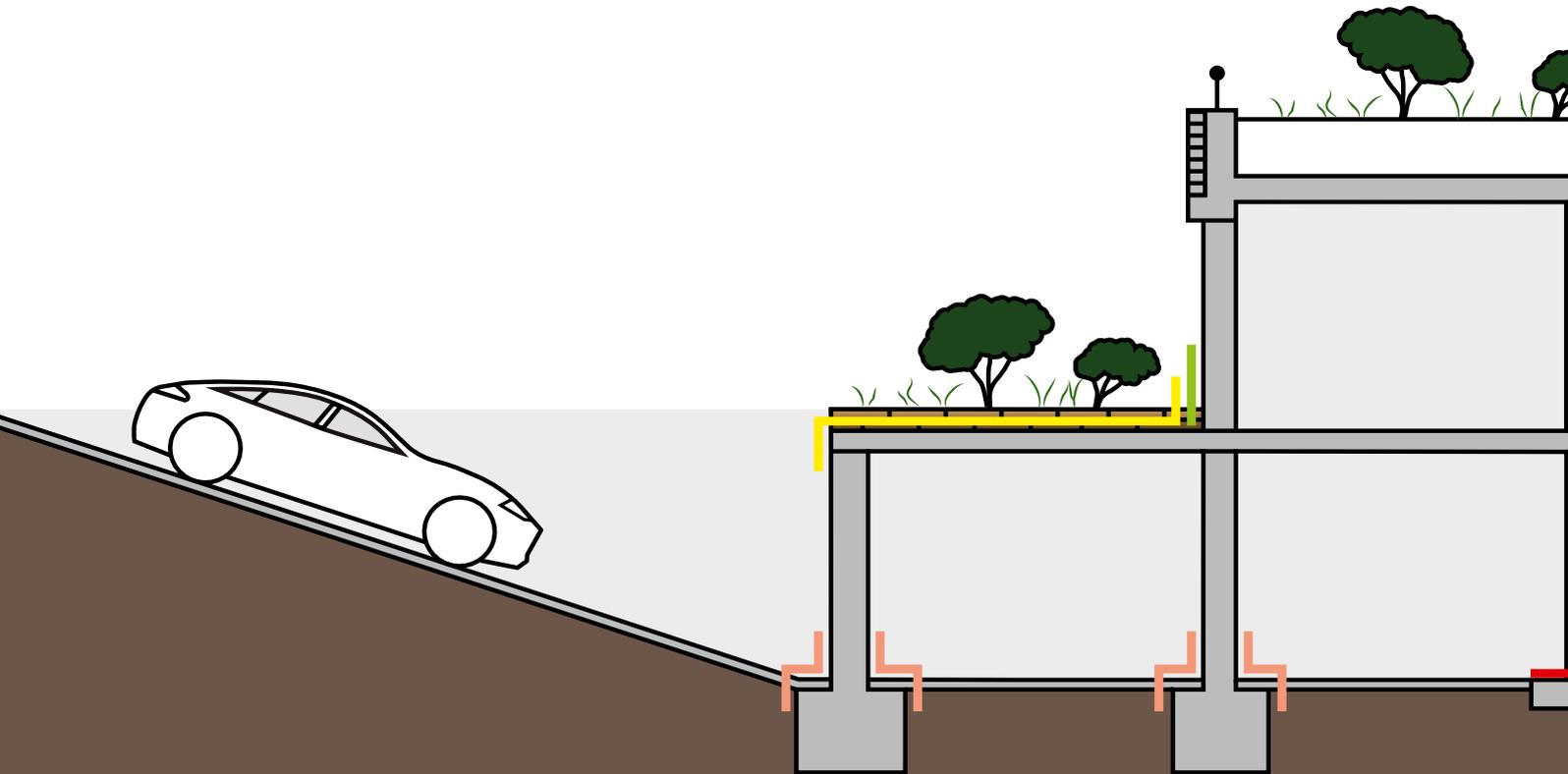
Small but mighty

When working on intricate transitional areas, such as those found around floor-to-ceiling windows and doors, the 8.3 kg container might be just what you need. It contains two 1.75 kg bags of component A and two 2.4 kg bags of component B.



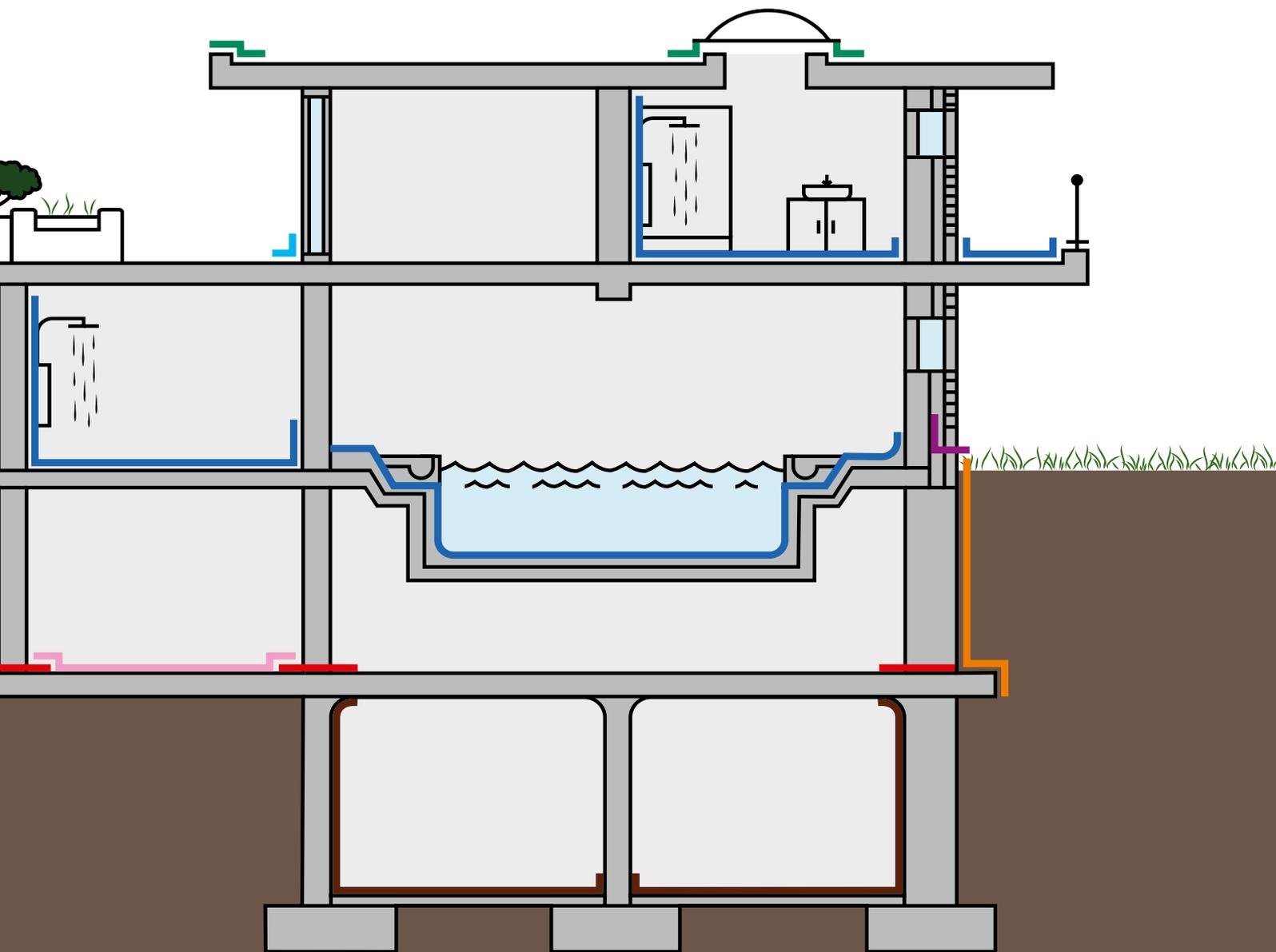
RANGE OF USE

A plus in versatility

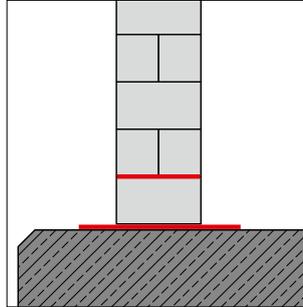


Scan the QR code for even more information about the ways that Remmers MB 2K can be used.

- Flat roof repair
 - Waterproofing floor-to-ceiling windows
 - Waterproofing pillar foundations
 - Waterproofing in and under walls
 - Exterior waterproofing with ground contact
 - Waterproofing the base of fair-face cavity brickwork
- Waterproofing earth-covered ceiling surfaces (podium decks)
 - Plinth waterproofing
 - Composite waterproofing under tiles
 - Subsequent internal waterproofing of old buildings
 - Base slab waterproofing

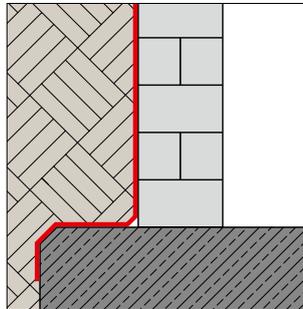


A plus in the range of applications



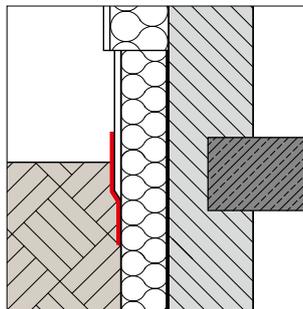
Waterproofing in and under walls

MB 2K has exceptional resistance to pressure and therefore meets the Eurocode 6 recommendation, as well as DIN EN 1996-2/NA for cross-sectional waterproofing in and under walls in new buildings.



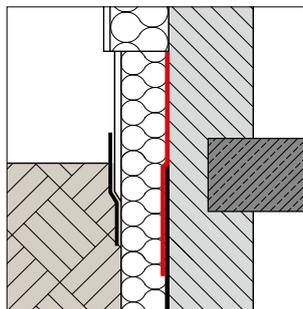
Exterior waterproofing with ground contact

Whatever the weather, MB 2K is a fast-acting superstar, drying and cross-linking in less than 18 hours.



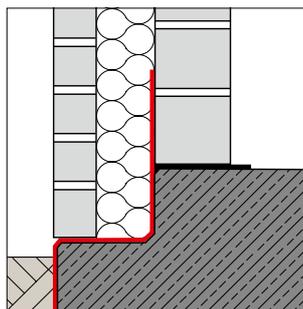
Render waterproofing

MB 2K is the perfect render waterproofing material – it is flexible, crack-bridging, adheres to all standard building material substrates, and can be overcoated with ease.



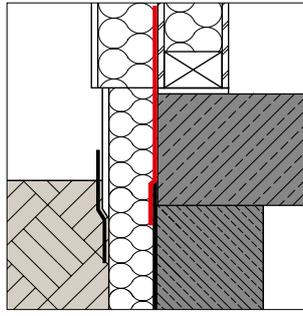
Plinth waterproofing

MB 2K has such excellent adhesion properties that it can even reliably stick to old bitumen and new bitumen waterproofing – and to all mineral substrates too. This makes it perfect for plinth waterproofing.



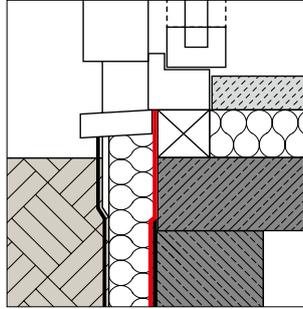
Waterproofing the base of fair-face cavity brickwork

MB 2K is easy to apply with practically any tool imaginable. It can bridge material transitions when used in combination with various joint tapes. The high compressive strength offers reliable stability.



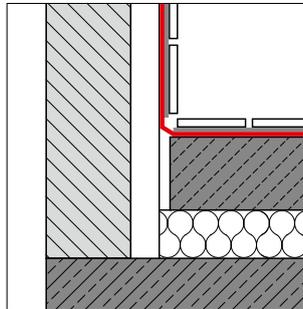
Plinth waterproofing in timber-framed constructions

Thanks to its excellent adhesion on nearly all substrates and its relatively low diffusion resistance, MB 2K can be used to waterproof complex transitional areas in timber-framed constructions quickly and easily for long-lasting reliability.



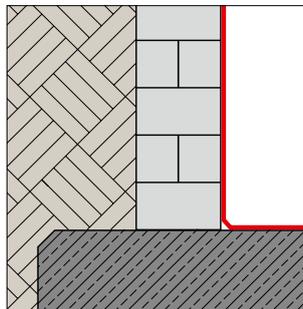
Waterproofing of floor-to-ceiling windows

MB 2K eliminates the need for a material change between the ground course waterproofing and the sealing used for the window elements. The use of MB 2K in areas with accumulating water has been tested and confirmed by Holzforschung Austria.



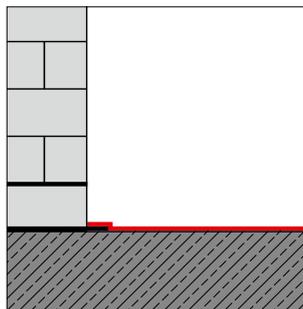
Composite waterproofing under tiles

After just 4 hours, MB 2K is sufficiently set to sustain foot traffic, meaning that further work can be carried out with ease.



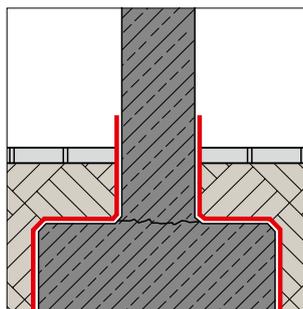
Internal waterproofing

MB 2K is five times better at bridging cracks than standard flexible mineral waterproofing slurries, and it is impervious to radon too. For dry and radon-free basements.



Base slab waterproofing

MB 2K is also ideal for waterproofing of base slabs. In addition to the quick spraying application, the safety against the penetration of radon gas is particularly advantageous here.



Waterproofing pillar foundations

MB 2K reliably bridges construction joints (crack-bridging ability > 2 mm) and can be overcoated in areas requiring protection from splashing water.



MB 2K

+ system products

MB 2K

Multi-functional building waterproofing

Kiesol MB

Special primer for critical substrates

VZ MB

Liquid retarder for MB 2K

Tape VF 250

High-quality, premium sealing tape based on nitrile rubber with double-sided non-woven fabric coating

Tape VF 120

High-quality, premium sealing tape based on nitrile rubber and coated with non-woven fabric

Layer thickness trowel

Accessories & tools

Collomix® stirrer DLX

Stirrer for liquid and flowable materials



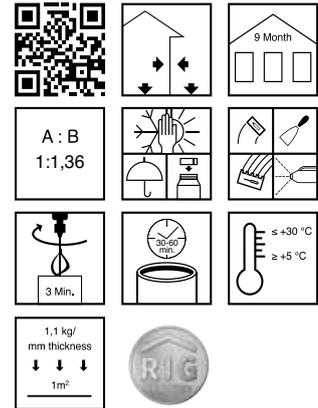
All system products at a glance



MB 2K

Multi-functional building waterproofing

Range of use	<ul style="list-style-type: none"> ▪ Rapid waterproofing ▪ Waterproofing in new buildings ▪ Horizontal waterproofing in and underneath walls ▪ Subsequent waterproofing of existing buildings according to WTA ▪ Can be applied > 3 m in the ground ▪ Approved for connecting to water impermeable concrete structures ▪ Waterproofing of plinths and base points ▪ Waterproofing in a bond ▪ Bonding layer on old bitumen coatings
Property profile	<ul style="list-style-type: none"> ▪ Tested on crack formation of greater than 3 mm (according to DIN EN 14891) ▪ Complete drying and cross-linking occur rapidly, after just 18 hours at 5 °C and 90 % rel. humidity. ▪ Meets the test requirements for PMBC ▪ Radon-tight (verified through testing) ▪ Solvent-free ▪ Bitumen-free ▪ Water pressure tight ▪ High tensile adhesion strength ▪ Excellent adhesion even on non-mineral substrates (e.g. plastics, metals) ▪ Highly flexible, elastic and crack-bridging ▪ Can be covered after a very short time (≥ 4h) ▪ UV-resistant ▪ Freeze/thaw-resistant ▪ Can be plastered and painted over ▪ Can be applied as a slurry, with a brush or trowel, or by spraying
Application rate	<ul style="list-style-type: none"> ▪ At least 1.1 kg/m²/mm of dry coat thickness



Quantity per pallet	44	18	18
Packaging unit	8.3 kg	25 kg	25 kg
	Combi-container 2 × 2.4 kg powder 2 × 1.75 kg polymer	Combi-container 1 × 14.4 kg powder 1 × 10.6 kg polymer	Combi-container 3 × 4.8 kg powder 3 × 3.5 kg polymer
Container code	08	11	25
Art. no.			
3014	■	■	■

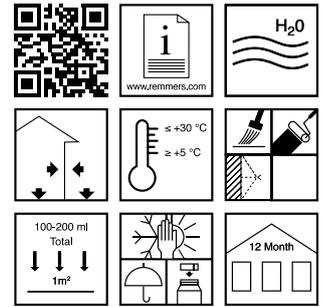
System products	Art. no.
Kiesol	(1810)
Kiesol MB	(3008)
VZ MB	(3005)
WP DS Levell	(0426)
VM Fill	(0517)
VM Fill rapid	(0519)
Color PA	(6500)
Tape B 240 E	(4806)
Protect MKT 1*	(3024)
Remmers waterproofing slurries	

Kiesol MB

Special primer

Range of use	<ul style="list-style-type: none"> System component for waterproofing of buildings Suitable for absorbent mineral substrates
Property profile	<ul style="list-style-type: none"> Improves adhesion Repels water Strengthens
Application rate	<ul style="list-style-type: none"> Approx. 100-200 ml/m² depending on the substrate

Quantity per pallet	288	90	60	24
Packaging unit	1 l	5 l	10 l	30 l
	Plastic canister	Plastic canister	Plastic canister	Plastic canister
Container code	01	05	10	30
Art. no.				
3008	■	■	■	■



System products	Art. no.
MB 2K	(3014)
Remmers PMBCs	
Remmers waterproofing slurries	

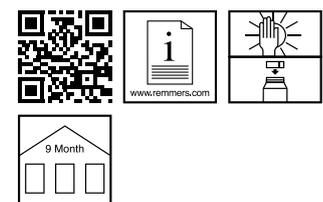
ADDITIVES FOR MULTI-FUNCTIONAL BUILDING WATERPROOFING

VZ MB

Liquid retarder for MB 2K

Range of use	<ul style="list-style-type: none"> Delaying the setting rate of MB 2K
Property profile	<ul style="list-style-type: none"> Retarding and liquefying effect on MB 2K
Application rate	<ul style="list-style-type: none"> Max. 250 ml per 25 kg MB 2K

Quantity per pallet	360
Packaging unit	15 × 1 l
	Plastic bottle
Container code	01
Art. no.	
3005	■



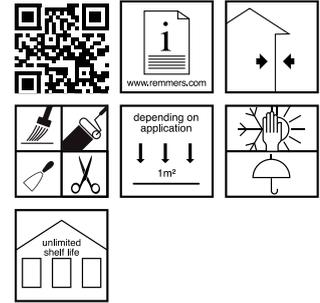
System products	Art. no.
MB 2K	(3014)

Tape VF 250

High-quality, premium sealing tape based on nitrile rubber with double-sided non-woven fabric coating

Range of use	<ul style="list-style-type: none"> Interior and exterior use Plinth waterproofing Connection and integration of flexible polymer-modified thick coatings with non-mineral building materials and connection areas such as plastic, metal and wood
Property profile	<ul style="list-style-type: none"> Highly flexible High expansion capability and elastic recovery Special non-woven fabric coating
Application rate	<ul style="list-style-type: none"> According to needs

Quantity per pallet	1200
Packaging unit	50 m
	Roll
Container code	01
Art. no.	
4805	■



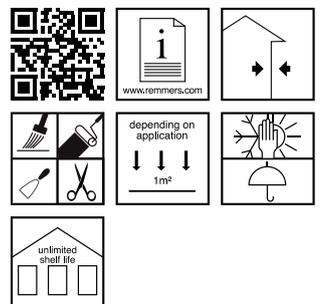
System products	Art. no.
MB 2K	(3014)
MB TX 2K	(3004)
WP Flex 1K	(0445)

Tape VF 120

High-quality, premium sealing tape based on nitrile rubber and coated with non-woven fabric

Range of use	<ul style="list-style-type: none"> Interior and exterior use Waterproofing in the transition to water impermeable concrete constructions (PG-ÜBB testing principles) Plinth waterproofing Waterproofing in a bond Connection and integration of flexible polymer-modified thick coatings with non-mineral building materials and connection areas such as plastic, metal and wood
Property profile	<ul style="list-style-type: none"> Highly flexible High expansion capability and elastic recovery Special non-woven fabric coating
Application rate	<ul style="list-style-type: none"> According to needs

Quantity per pallet		6000	6000	1250
Packaging unit	10 m	50 m	10 pcs	25 pcs
	Roll	Roll	Carton	Carton
Container code	01	02	01	01
	Art. no.			
Tape VF 120 / Sealing Tape VF 120	5071	■	■	
Tape VF 75 EC / Exterior Corner VF	5073		■	
Tape VF 100 IC / Interior Corner VF	5074		■	
Tape VF 120 VC / Wall Gasket VF 120×120 mm	5077			■



System products	Art. no.
Betofix OS 5b+	(1113)
MB 2K	(3014)
MB TX 2K	(3004)
WP Flex 1K	(0445)
MB FL 2K	(3001)

Layer thickness trowel

Range of use	<ul style="list-style-type: none"> Uniform application of materials applied as a liquid in a defined wet layer thickness
Property profile	<ul style="list-style-type: none"> Material: Stainless steel Stainless
Size / Quantity	1 pcs
Container code	01
Art. no.	
2 mm	4105 ■
2.5 mm	4108 ■
3 mm	4000 ■
4 mm	4821 ■



System products	Art. no.
MB 2K	(3014)
MB 1K rapid	(0851)
PMBC	
Floor coatings	
Crack-bridging MDS	

Collomix stirrer DLX 152 HF

Stirrer for liquid and flowable materials

Range of use	<ul style="list-style-type: none"> Mixing liquid and flowable materials
Property profile	<ul style="list-style-type: none"> Intensive material flow Two stacked turbine blades Mixing quantity: <ul style="list-style-type: none"> DLX 120 HF: 15 - 30 litres DLX 152 HF: 30 - 50 litres Connection: HEXAFIX® Diameter: approx. 150 mm
Size / Quantity	1 pc
Container code	01
Art. no.	
DLX 120 HF	4298 ■
DLX 152 HF	4286 ■



System products	Art. no.
MB 2K	(3014)
Mineral waterproofing grouts (MWG)	
Floor levelling compounds	
Floor coatings	

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you with a fast and
personal response.**



Find your
local contact

**Find out what we can
get done for you:**



Subject to changes. The current version
of the applicable Technical Data Sheet is
relevant for legal matters.

Colour variations are possible.

Global contact:

www.remmers.com/remmers-worldwide

Remmers GmbH

Bernhard-Remmers-Straße 13

49624 Lönningen

+49 (0) 54 32/83-0