

MB 1K rapid and MB 1K S

More efficient waterproofing?
We get it done!

Product solutions



**remmers**

Digital brochure

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THE NEW REACTIVE WATERPROOFING

MB 1K rapid & MB 1K S

The efficient and highly flexible structural waterproofing material without prior mixing.



THE BENEFITS AT A GLANCE

- ✓ Can be used directly from the container with no mixing
- ✓ Material can be stored in the opened container for later use
- ✓ Can be applied as a slurry, by trowel, brush or spraying
- ✓ Can be painted and plastered over
- ✓ Fast adhesive bonding, even on non-mineral substrates
- ✓ Fast, crosslinker-assisted complete drying
- ✓ Highly flexible, ductile and crack-bridging
- ✓ Very low emissions (GEV-EMICODE EC 1Plus)
- ✓ Impervious to radon
- ✓ Waterproofing of new buildings, even with hydrostatic pressure
- ✓ Plinth and render waterproofing
- ✓ Subsequent exterior waterproofing of existing buildings
- ✓ Cross-sectional waterproofing in and under walls

Versatile use as building waterproofing with ground contact

Structural waterproofing has entered the post-bitumen era, and the next generation of products centred on MB 2K is growing continuously. MB 1K rapid – and the variant MB 1K S, which is optimised for spraying – are setting new standards as a single-component waterproofing material that is extremely easy to use.

MB 1K rapid and MB 1K S are tested and certified waterproofing products for new and existing buildings. They are delivered in a ready-to-use form and have an unlimited open working time.

Single-component, liquid-applied waterproofing materials like MB 1K rapid and MB 1K S are ideal for use in dry weather and high temperatures. What's more, MB 1K rapid and MB 1K S can be applied quickly – and above all, efficiently – reducing working time and speeding up the construction process.

MB 1K rapid is suitable for smaller waterproofing projects, such as repairs or areas that only require a

small amount of the product, as well as large surface areas – MB 1K S is the perfect solution for application with spraying equipment.

MB 1K rapid and MB 1K S can be applied using all conventional forms of spraying technology. In addition, MB 1K S can be used directly from 1,000 kg containers for a major boost in time and labour efficiency.

In terms of performance, single-component, flexible polymer-modified thick coatings surpass even tried-and-tested polymer-modified thick bitumen coatings (PMBCs). Their most noteworthy characteristics include greater flexibility, better adhesion properties even on non-mineral substrates, a higher dry residue and better thermal resistance.

MB 1K rapid / S rapid product data

Base	Polymer binder, additives, special fillers
Density	approx. 1.05 kg/dm ³
Layer thickness	1.3 mm wet layer thickness yields approx. 1 mm dry film thickness
Drying time	approx. 8 h at 2.5 mm thickness (20 °C/65% RH)
Crack bridging	≥ 3 mm (at ≥ 3 mm dry layer thickness)
Cross-slit pressure tests	passed, even without reinforcement inlay



Colour change of scratch coat with MB 1K rapid



Versatile application: With a brush, a trowel or by spraying

The versatile merits of MB 1K rapid and MB 1K S become especially clear during application.

The material can be taken directly from the container without the need for mixing. The mixing step required for 2-component materials can be omitted, saving time and manpower. Users who opt for a manual method can apply the product with a trowel, as a slurry with a brush, or with a roller.

Application as a slurry is recommended for difficult-to-reach transition areas and small spaces, such as wall positioning areas, for plinths or render waterproofing. If only some of the product is used, there is no material loss. MB 1K rapid and MB 1K S can be stored in the opened container for later use.

On larger surfaces, we recommend applying as a slurry, or using suitable spraying equipment. With low dripping losses and high stability, the material is soon ready for further processing, as well as being exceptionally efficient.

Application example: plinth waterproofing



- ① Priming with Kiesol MB
- ② Scratch coat of MB 1K rapid
- ③ MB 1K rapid turns grey as it dries
- ④ Application of MB 1K rapid as a slurry
- ⑤ Freshly slurried surface
- ⑥ Finished plinth waterproofing with MB 1K rapid

Proven safety

MB 1K rapid and MB 1K S have been tested in accordance with the testing principles (PG-MDS/FPD) for issuing general building authority test certificates for rigid and flexible mineral waterproofing slurries and flexible polymer-modified thick coatings. In addition, MB 1K rapid and MB 1K S hold proof of usability for strip-type exterior joint sealing and transitions on bases made of concrete with high water penetration resistance in areas with ground contact according to the current test principles (PG-FBB 1).

Proof of usability from the Materials Testing Institute for Building Construction Braunschweig (Materialprüfanstalt für Bauwesen, MPA BS)

General building authority test certificates (abP) for MB 1K rapid

as per PG-MDS	P-1203/997/23 MPA BS
as per PG-FPD	P-1203/970/23 MPA BS
as per PG-FBB Part 1	P-1203/971/23 MPA BS

General building authority test certificates (abP) for MB 1K S

as per PG-MDS	P-1204/217/23 MPA BS
as per PG-FPD	P-1204/216/23 MPA BS
as per PG-FBB Part 1	P-1204/218/23 MPA BS



With the quality seal EMICODE® EC1 PLUS, MB 1K rapid and MB 1K S satisfies the most stringent requirements relating to health and the environment.



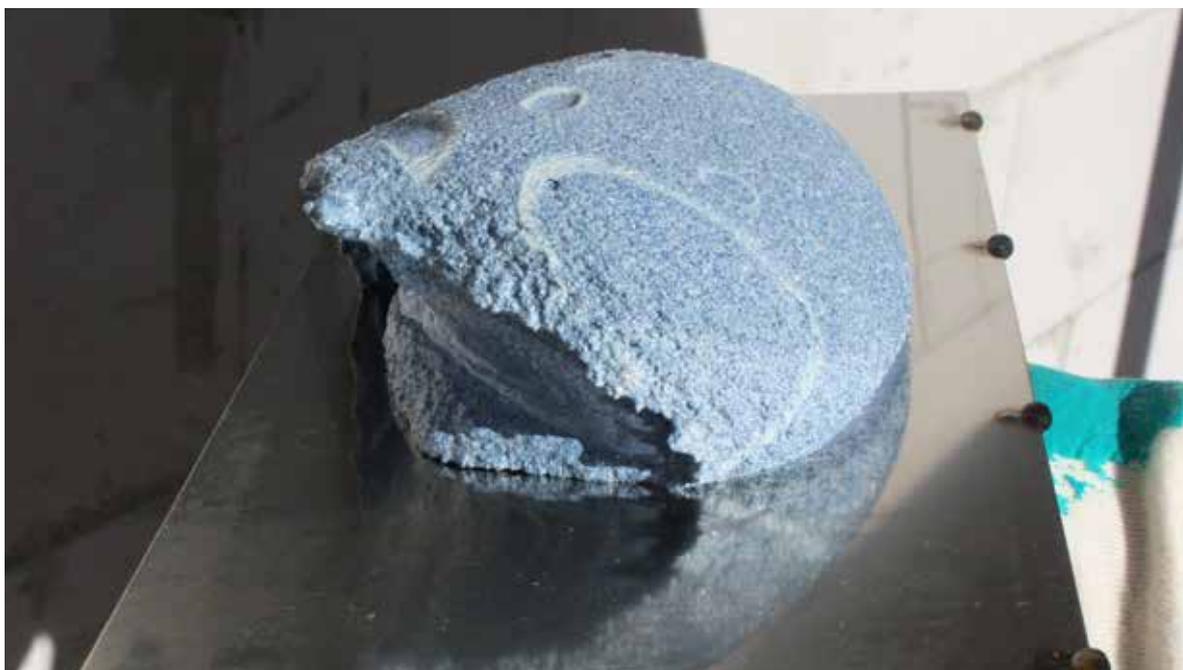
Tried and tested!

Our products offer 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 that demonstrate its suitability. Scan the QR code to see an overview of test certificates and other related documents.

MB 1K rapid



MB 1K S



MB 1K rapid / MB 1K S + system products

MB 1K rapid

Versatile 1K
structural waterproofing

MB 1K S

1K structural waterproofing,
optimised for spraying

Kiesol MB

Special primer

MB ADD S

Additive for
spray application

Tex 4.8/100

Reinforcement fabric made of
E-glass with polymer sheathing

Tape F

Non-woven reinforcement fabric
for versatile 1K building water-
proofing

WP DKS rapid [basic]

Quick-setting waterproofing filler



Overview of all system
products

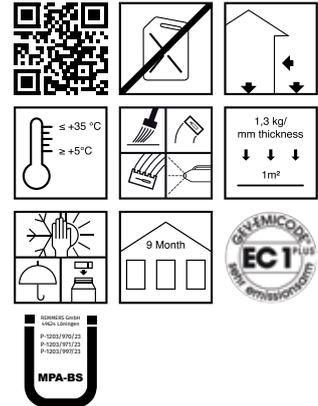


MB 1K rapid

Single-component, versatile structural building waterproofing product. Unites the properties of flexible, crack-bridging mineral waterproofing slurries and thick bitumen coatings.

Range of use	<ul style="list-style-type: none"> Waterproofing new buildings Installation depths > 3 m in the ground Connections to water-impermeable concrete constructions Cross-sectional waterproofing in and under walls Plinth and render waterproofing Subsequent exterior waterproofing of existing buildings Bonding layer on old bitumen
Property profile	<ul style="list-style-type: none"> Can be used directly from the container with no mixing Fast, crosslinker-assisted complete drying Fast adhesive bonding, even on non-mineral substrates Very low emissions (GEV-EMICODE EC 1^{Plus}) Highly flexible, ductile and crack-bridging Water pressure-tight Can be painted and plastered over Can be applied as a slurry, by trowel, brush or spraying Resistant to frost/de-icing salts
Application rate	<ul style="list-style-type: none"> Min. 1.3 kg/m²/mm dry layer thickness

Quantity per pallet	45	44	18
Packaging unit	5 kg	10 kg	25 kg
	Plastic bucket	Plastic bucket	Plastic bucket
Container code	05	10	25
Art. no.			
0851	■	■	■



System products	Art. no.
Tape F	(4822)
Protect MKT 1*	(3024)
MB ADD S	(3079)
Kiesol MB	(3008)
WP DS Levell	(0426)
WP DKS rapid ^[basic]	(0423)
VM Fill	(0517)
VM Fill rapid	(0519)
FL fix	(2817)
Color PA	(6500)
DS Protect	(0823)
Tex 4.8/100	(4183)

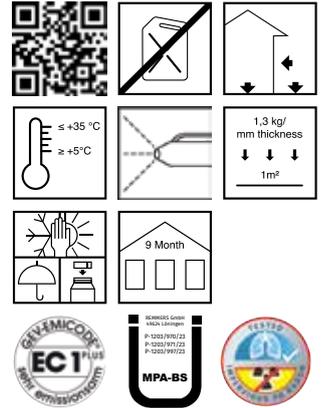
*Use biocides safely. Always read the label and product information before use.

MB 1K S

Single-component, versatile structural building waterproofing product that is optimised for spraying and unites the properties of flexible, crack-bridging mineral waterproofing slurries (MDS) and thick bitumen coatings (PMBC)

Range of use	<ul style="list-style-type: none"> Waterproofing new buildings Installation depths > 3 m in the ground Connections to water-impermeable concrete constructions Cross-sectional waterproofing in and under walls Plinth and render waterproofing Subsequent exterior waterproofing of existing buildings Bonding layer on old bitumen
Property profile	<ul style="list-style-type: none"> Can be applied as a slurry, by brush or by spraying Fast adhesive bonding, even on non-mineral substrates Very low emissions (GEV-EMICODE EC 1Plus) Highly flexible, ductile and crack-bridging Water pressure-tight Can be painted and plastered over Fast, crosslinker-assisted complete drying Resistant to frost/de-icing salts
Application rate	<ul style="list-style-type: none"> Min. 1.3 kg/m²/mm dry layer thickness

Quantity per pallet	18	1
Packaging unit	25 kg	1000 kg
	Plastic bucket	Container
Container code	25	61
Art. no.		
0852	■	■



System products	Art. no.
Tape F	(4822)
Protect MKT 1*	(3024)
Kiesol MB	(3008)
WP DS Levell	(0426)
WP DKS rapid ^[basic]	(0423)
VM Fill	(0517)
VM Fill rapid	(0519)
FL fix	(2817)
Color PA	(6500)
DS Protect	(0823)
Tex 4.8/100	(4183)

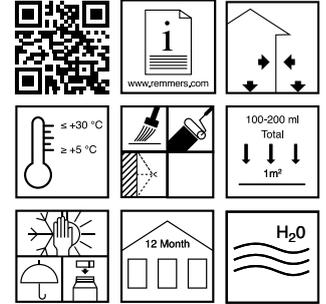
*Use biocides safely. Always read the label and product information before use.

Kiesol MB

Special primer

Range of use	<ul style="list-style-type: none"> System component for building waterproofing Absorbent mineral substrates
Property profile	<ul style="list-style-type: none"> Improves adhesion to the substrate Repels water Strengthening
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	■	■	■	■



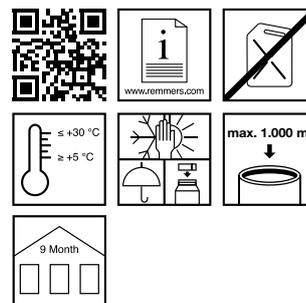
System products	Art. no.
Remmers FPDs	
Remmers PMBCs	
Remmers MDS	

MB ADD S

Additive for spray application

Range of use	<ul style="list-style-type: none"> Application of MB 2K by spraying Application of MB 2K [eco] by spraying Application of MB 1K rapid by spraying Application of Betofix OS 5b+ by spraying
Property profile	<ul style="list-style-type: none"> Solvent-free Liquefying
Application rate	<ul style="list-style-type: none"> Max. 4% with MB 2K based on total quantity Max. 4% with MB 2K [eco] based on total quantity Max. 4% with MB 1K rapid based on total quantity Max. 3% with Betofix OS 5b+ based on total quantity

Quantity per pallet	288	90
Packaging unit	12 × 1 l	5 l
	Dispensing bottle	Plastic canister
Container code	01	05
Art. no.		
3079	■	■



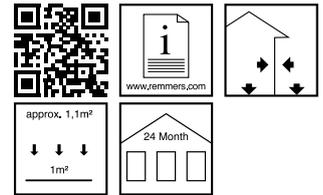
System products	Art. no.
MB 2K	(3014)
MB 2K [eco]	(2940)
MB 1K rapid	(0851)
Betofix OS 5b+	(1113)

Tex 4.8/100

Reinforcement fabric made of E-glass with polymer sheathing

Range of use	<ul style="list-style-type: none"> Reinforcement inlay in Remmers PMBCs
Property profile	<ul style="list-style-type: none"> Rot-proof Alkali resistant
Application rate	<ul style="list-style-type: none"> Approx. 1.1 m²/m² Tex 4.8/100

Quantity per pallet	2400
Packaging unit	1.0 × 50 m Roll
Container code	02
Art. no.	
4183	■



System products	Art. no.
Remmers PMBCs	
Remmers FPDs	

Tape F

Non-woven reinforcement fabric for multi-functional 1K building waterproofing

Range of use	<ul style="list-style-type: none"> Fabric for reinforcing MB 1K rapid and MB 1K S at material transitions
Property profile	<ul style="list-style-type: none"> Surface weight approx. 110 g/m²
Application rate	<ul style="list-style-type: none"> As needed

Quantity per pallet	120	150	150
Packaging unit	50 m	20 pcs	20 pcs
	Roll	Bag	Bag
Container code	01	01	01
Art. no.			
TAPE F-120, width 120 mm	4822	■	
TAPE F-IC	4824		■
TAPE F-EC	4825		■



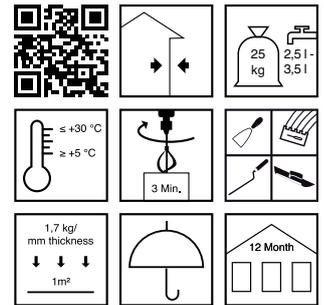
System products	Art. no.
MB 1K rapid	(0851)
MB 1K S	(0852)

WP DKS rapid [basic]

Quick-setting waterproofing filler

Range of use	<ul style="list-style-type: none"> Water-tight fast repair of defective areas Negative water pressure load up to 1.5 bar (> 2 cm layer thickness) Joint and surface filler For producing sealing coves Rear moisture protection for waterproofing with ground contact
Property profile	<ul style="list-style-type: none"> Low-stress and sets without cracking Excellent adhesion to the substrate Quick-setting High sulphate resistance and low effective alkali content (SR/NA)
Application rate	<ul style="list-style-type: none"> Approx. 1.7 kg/m²/mm layer thickness Approx. 1.7 kg/m as sealing cove

Quantity per pallet	42
Packaging unit	25 kg PE bag
Container code	25
Art. no.	
grey	0423 ■



System products	Art. no.
Remmers FPDs	
Kiesol MB	(3008)
Kiesol	(1810)
Remmers PMBCs	
Remmers MDS	

remmers

25 kg
Made in Germany

MB 1K rapid



- DE Multifunktionale Bauwerksabdichtung
- GB Multi-functional building waterproofing
- PL Wielofunkcyjna hydroizolacja budynku

- RU
- PL
- CZ
- SK
- FR
- IT

DE Entsorgungshinweise: Glatte Produkte sind gemäß den...
Zusätzliche Hinweise: Einmalig 1,2-Benzothiazol-3-on...
EC No. 1272/2008 + 2007, 1 ADR, 1 + Remmers GmbH

1,2-ethion-2-methyl-2H-ethiothiazol-3-on en 2-methyl-2H-ethiothiazol-3-on. Kari van allestaple macho veroorzaken. **Codering + ADR: 1 + Remmers B.V. + Nagelpoelweg 30 + NL-7303 KZ Apeldoorn + Tel +31 55 3024800**

ES Eliminación: Eliminar las grandes cantidades de restos de producto de acuerdo con las normativas aplicables en el envío...
Indicaciones adicionales: Contiene 1,2-Benzothiazol-3-on...
Información adicional: Contiene 1,2-Benzothiazol-3-on...

IT Istruzioni per lo smaltimento: Smaltire le rimanenze di prodotto...
Informazioni aggiuntive: Contiene 1,2-Benzothiazol-3-on...

PL Wskazówka dotycząca utylizacji: Wykazy reszty produktu...
Dodatkowe wskazówki: Zawiera 1,2-Benzothiazol-3-on...
Podmiot odpowiedzialny: Remmers Polska Sp. z o.o.

CZ Upozornění na likvidaci odpadu: Všechny zbytky produktu...
Informace o výrobci: Remmers B.V.

SVK Upozornenie na likvidáciu odpadu: Všetky zvyšky produktu...
Dodatkowe informacje: Zawiera 1,2-Benzothiazol-3-on...

RU Инструкция по утилизации: Остатки продукта...
Дополнительная информация: Содержит 1,2-Benzothiazol-3-on...

HU Ártalmatlanítás: A maradék anyagot...
További információk: Tartalmaz 1,2-Benzothiazol-3-on...

085125

**We are there for
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.

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