

What do you want to get done?

# Waterproof and Dry - New Basements

All-round solutions



Digital brochures



# Waterproofing solutions for new buildings



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EXPERTISE FROM THE BASEMENT TO THE ROOF

# Building protection and repair products for professional users



## Building, restoration and repair have been our core competencies since the company's inception.

The requirements and areas of application are highly diverse. From basement waterproofing to facade and concrete protection and sustainable interior insulation systems for everything from small family homes to large-scale industrial buildings or even listed church buildings, we are up to speed on all the national and international standards and guidelines, and we use our decades of expertise to support our customers in their work.

Not only do we offer tailor-made, innovative products and systems – we also provide comprehensive solutions for the sustainable protection of buildings of all kinds.



- ✓ Building protection and refurbishment
- ✓ Flat roof waterproofing
- ✓ Composite waterproofing
- ✓ Concrete protection and repair
- ✓ Facade protection and repair
- ✓ Floor coatings
- ✓ Heritage preservation
- ✓ Mould control systems
- ✓ Interior insulation systems





# New solutions for building waterproofing with ground contact

The world of waterproofing has changed drastically in the last 20 years.

Fewer and fewer basements are being built in detached and semi-detached houses. In apartment buildings, the basement is now often reserved for cars, which people prefer not to leave in public parking areas or because of lack of parking spaces.

Nowadays, basement levels in buildings are almost always built as water-impermeable concrete structures, using the “white tanking” process. Since 2017, plinth waterproofing has been part of the waterproofing standard in Germany and plays an increasingly important role due to more frequent driving rain events. There is a growing trend towards accessible construction, whereby not only the required openings such as front doors and patio doors are designed to be floor-to-ceiling, but also numerous windows too. They “break through” the plinth waterproofing and must therefore be integrated into it.

Traditional waterproofing materials, such as all types of sheeting, as well as bituminous thick coatings, are reaching their limits with the abundance of new requirements described above. This is due to various reasons, such as the fact that they are difficult to adapt to the complex geometries at the transition from the



window frame to the masonry, that they cannot be plastered over, or that the more cost-effective option of partial surface sealing is not feasible. The list of possible challenges is long and, last but not least, there is often a lack of qualified personnel who can carry out this work to the required high standard.

But that is no reason to lose hope, because there is a new and highly innovative product solution that can solve or at least simplify many of the problems mentioned. Reactive hybrid waterproofing systems consist of a cement-containing powder compound and a dispersion-containing liquid compound. Nowadays, they are referred to in the standards as flexible polymer-modified thick coatings (or FPDs).

These materials are nothing less than a revolution. After mixing, the cement consumes large amounts of water in the system and thus helps the dispersion to cross-link quickly and largely independent of weather conditions. The fully reacted sealant is crack-bridging and pressure-stable, adheres to almost all common substrates, can be plastered and painted over, is fault-tolerant and is therefore an excellent solution to all of the problems described above.



## MB 2K: setting standards for years

**MB 2K, the practically perfect reactive waterproofing product, can do many things better than other waterproofing materials because a different approach has been taken ever since the development stage.**

With MB 2K, the aim was not simply to achieve the same performance as bitumen waterproofing, but to be even better and more cost-efficient. The ultimate goal was to ensure the same functionality as bitumen thick coatings with the layer thicknesses of mineral waterproofing slurries. And the result was nothing less than a small revolution, namely MB 2K:

- ✓ Significantly lower susceptibility to cracking
- ✓ Higher dry residues than bitumen
- ✓ Very fast drying, even in difficult climate conditions (5 °C and 90% RH)
- ✓ Water impermeability: tested to 8 m water column
- ✓ Versatile application (manual application with layer thickness trowel, flat brush or wide brush)
- ✓ Mechanical application with spraying equipment
- ✓ Very low plastic deformation, making it suitable for areas with high compressive loads



## Over time, the MB technology has evolved:

### **MB TX 2K**

The special product for filler applications  
(page 12 onwards)

### **MB FL 2K**

Long-term, trouble-free waterproofing and tiling on balconies and walkways  
(see page 25 of the brochure “Waterproof and dry, the systematic way – Composite waterproofing”)

### **MB 2K [eco]**

For eco-conscious users. The ecological alternative with exceptional performance  
(page 14 onwards)

### **MB 1K rapid and MB 1K S**

Ready to use, directly from the container onto the wall. Nothing is faster  
(page 16 onwards)

### **Betofix OS 5b+**

A perfect combination of waterproofing and surface protection for concrete structures  
(see page 43 of the brochure “Protection and repair of concrete structures”)



# A product that does it all: MB 2K+

MB 2K is the wonder product for versatile structural waterproofing. The well-known properties of this all-round talent have been further improved in recent years.

As well as having unbeatable crack-bridging properties at low layer thicknesses and an extremely low drying time, MB 2K can also be applied using all conventional techniques.

- ✓ Application rate approx. 1.1 kg/m<sup>2</sup> per mm dry layer thickness
- ✓ Highly flexible and ductile
- ✓ High adhesive pull strength on virtually all substrates
- ✓ Extreme compression resistance
- ✓ Can be overcoated
- ✓ UV-resistant
- ✓ Resistant to frost and de-icing salts
- ✓ Radon and methane proof



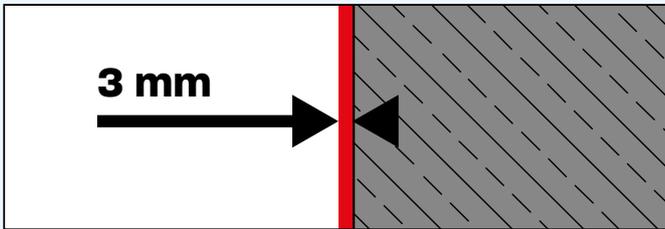
## Product data

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

# The 3x3 of structural waterproofing

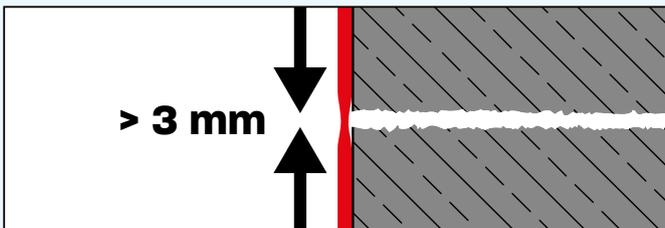
## Layer thickness only 3 mm up to 3 m immersion depth without reinforcement

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



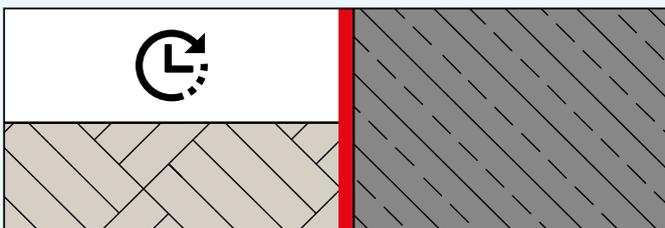
## Tested crack bridging of more than 3 mm without reinforcement

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, means that even areas subjected to high stresses can be permanently and securely sealed off.



## Can be filled up after 9 hours<sup>1</sup>, always set after 18 hours<sup>2</sup>

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 up after just 9 hours.



### Tried and tested!

The new MB 2K has been safety-tested to the very highest standards. Whatever you are planning to use this waterproofing product for, 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.



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

# For stable waterproofing on concrete substrates - MB TX 2K

MB TX 2K is the polymeric 2K thick coating for waterproofing concrete surfaces in the ground, transitions on water-impermeable concrete floors and strip waterproofing of water-impermeable concrete basements.

Thanks to the advanced dispersion component, MB TX 2K with its excellent application and solid properties significantly outperforms tried-and-tested polymer-modified bitumen thick coatings (PMBC). Even with its high stability, the hybrid binder system combines a long open working time and weather-independent drying in a very short time. Waiting times that delay the construction process are a thing of the past. MB TX 2K has a high dry residue and is adapted to high and early adhesive tensile strengths, especially on concrete substrates.



Strip-type joint waterproofing with MB TX 2K for water-impermeable concrete basements

## Product data

<b>Base</b>	Polymer binder, cement, additives, special fillers
<b>Density</b>	Approx. 1.045 kg/dm <sup>3</sup>
<b>Consistency</b>	Thixotropic, stable
<b>Layer thickness</b>	1.02 mm wet layer thickness yields approx. 1 mm dry layer thickness
<b>Drying time</b>	Approx. 24 hours for (5°C/90% RH) 4 mm layer thickness
<b>Crack bridging</b>	> 2 mm
<b>Water impermeability</b>	2.5 bar acc. to DIN EN 15840
<b>Temperature of material, air, substrate</b>	Min. +1 °C to max. +30 °C
<b>Processing time</b>	Approx. 45 – 60 min, depending on weather conditions



**Stable, flexible, polymer-modified thick coating (FPD) for the following applications**

- ✓ Exterior, strip-type waterproofing of construction joints on concrete walls
- ✓ Waterproofing transitions to footings made of concrete with high water penetration resistance
- ✓ Water pressure tight surface waterproofing on concrete walls of any construction type



# Responsible waterproofing - MB 2K [eco]

With our highly durable products and their ability to extend the service life and increase renovation intervals for the components on which they are used, we are already helping to reduce the ecological footprint of construction works.

In 2021, the construction industry was responsible for around 37% of global carbon emissions and 34% of global energy consumption.\*

And now, the first ecologically optimised building waterproofing system is available in the form of MB 2K [eco].

An acrylate dispersion made from waste derived from renewable raw materials is cleverly combined with natural rubber to drastically reduce the carbon footprint of MB 2K [eco] compared to conventional reactive waterproofing. In addition, the natural rubber improves both the application properties and the properties of the reacted material, especially crack bridging and adhesion.



## Product data

<b>Base</b>	Sustainable polymer binder based on natural latex and a mass-balance sourced dispersion, cement, additives, special fillers
<b>Density</b>	Approx. 1.15 kg/dm <sup>3</sup>
<b>Consistency</b>	Paste-like
<b>Layer thickness</b>	1.2 mm wet layer thickness yields approx. 1 mm dry film thickness
<b>Drying time</b>	Approx. 24 hrs for 4 mm layer thickness (5 °C, 90% RH) Approx. 8 hrs for 4 mm layer thickness (23 °C, 50% RH)
<b>Crack bridging</b>	> 2 mm (without reinforcement inlay)
<b>Water impermeability</b>	Tested to 10 m water column

\* 2022 UN Global status report for buildings and construction; 2022 Global Status Report for Buildings and Construction | UNEP - UN Environment Programme

# Sustainable construction

## Ecological and energy-efficient for healthy living

MB 2K [eco], developed to meet the highest environmental and health standards. MB 2K [eco] is a flexible, polymer-modified thick coating (FPD) with a significantly improved carbon footprint and outstanding performance, within this tried-and-tested waterproofing method.

- ✓ Ecologically optimised 2K reactive waterproofing
- ✓ Liquid component derived from waste of renewable raw materials and natural rubber
- ✓ Minimised carbon footprint
- ✓ Very low emissions (GEV-EMICODE EC 1Plus)
- ✓ Excellent processing characteristics
- ✓ Radon impermeability (verified through testing)
- ✓ Fast and effective adhesive bonding, even on plastic, metal etc.
- ✓ Can be painted and plastered over
- ✓ Can be applied as a slurry, by trowel, by brush or by spraying
- ✓ Highly flexible, ductile and crack-bridging
- ✓ Attractive light colour

### **MB 2K [eco] can be used in areas with ground contact for**

- ✓ Waterproofing of new buildings, even with hydrostatic water
- ✓ Subsequent exterior waterproofing of existing buildings
- ✓ Cross-sectional waterproofing in and under walls
- ✓ Plinth and render waterproofing



#### **MB 2K [eco] is certified to the maximum!**

In addition to the certificates according to PG-MDS, PG-FPD and PG-FBB T1, MB 2K [eco] bears the Emicode seal EC1 PLUS for premium class products, which describes the limit of what is technically possible and meets the highest environmental and health requirements. Scan the QR code to see an overview of test certificates and other related documents.



# Directly from the container onto the wall - MB 1K rapid and MB 1K S

Structural waterproofing has entered the post-bitumen era, and the next generation of products is growing continuously.



MB 1K rapid and MB 1K S are incredibly easy-to-use, catalysed, flexible 1K polymer-modified thick coatings that set new standards.

- ✓ Can be used directly from the container without mixing
- ✓ Fast, nearly weather-independent drying
- ✓ Residual can be stored in the opened container for later use
- ✓ Waterproofing of new buildings, even with hydrostatic water
- ✓ Subsequent exterior waterproofing of existing buildings
- ✓ Cross-sectional waterproofing in and under walls
- ✓ Plinth and render waterproofing
- ✓ Can be painted and plastered over
- ✓ Can be applied as a slurry, by trowel, brush or spraying
- ✓ Highly flexible, ductile and crack-bridging
- ✓ Fast adhesive bonding, even on non-mineral substrates
- ✓ Very low emissions (GEV-EMICODE EC 1Plus)



## Product data

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

# Efficient waterproofing

## MB 1K rapid and MB 1K S: all the benefits of versatile application



MB 1K rapid: Application with layer thickness trowel



MB 1K rapid: Drying process for scratch coat with colour change

The versatile capabilities of Remmers MB 1K rapid shine through even during application. The material can be taken directly from the container without the need for mixing.

Users who opt for a manual method can apply the product with a trowel, as a slurry, or even with a roller. On larger surfaces, we recommend mechanical application using suitable spraying equipment: either with MB 1K rapid, or with MB 1K S, the version optimised for spraying that is also available in 1000 kg containers. With low dripping losses and high stability, the material is soon ready for overcoating, as well as being exceptionally efficient.

- ✓ Waterproofing new buildings
- ✓ Cross-sectional waterproofing in and under walls
- ✓ Subsequent exterior waterproofing acc. to WTA
- ✓ Bonding layer on old bitumen
- ✓ Tested and approved for connections to water-impermeable concrete
- ✓ Wall base and render waterproofing



### Tested safety with MB 1K rapid!

MB 1K rapid has general building authority test certificates according to PG-MDS, PG-FPD as well as PG-FBB Part 1, is tested according to DIN EN 14891, and has also been awarded the Emicode quality seal EC1 for the highest environmental and health requirements. Scan the QR code to see an overview of test certificates and other related documents.



# Waterproofing standards in Germany

The DIN series provides a planning basis and execution principles for the waterproofing of roofs, balconies and walkways. Traffic areas made of concrete, wall and floor surfaces in contact with the ground, cross-sectional waterproofing of masonry walls as well as slabs covered with soil and building and component bases are regulated in the waterproofing standards.

These standards cover the waterproofing of interior spaces such as damp and wet rooms, pool surrounds as well as pool and tank waterproofing. The DIN standards also govern the waterproofing materials and provide information on the dimensioning and execution of specific waterproofing work.

DIN 18195: "Waterproofing of buildings – Vocabulary"

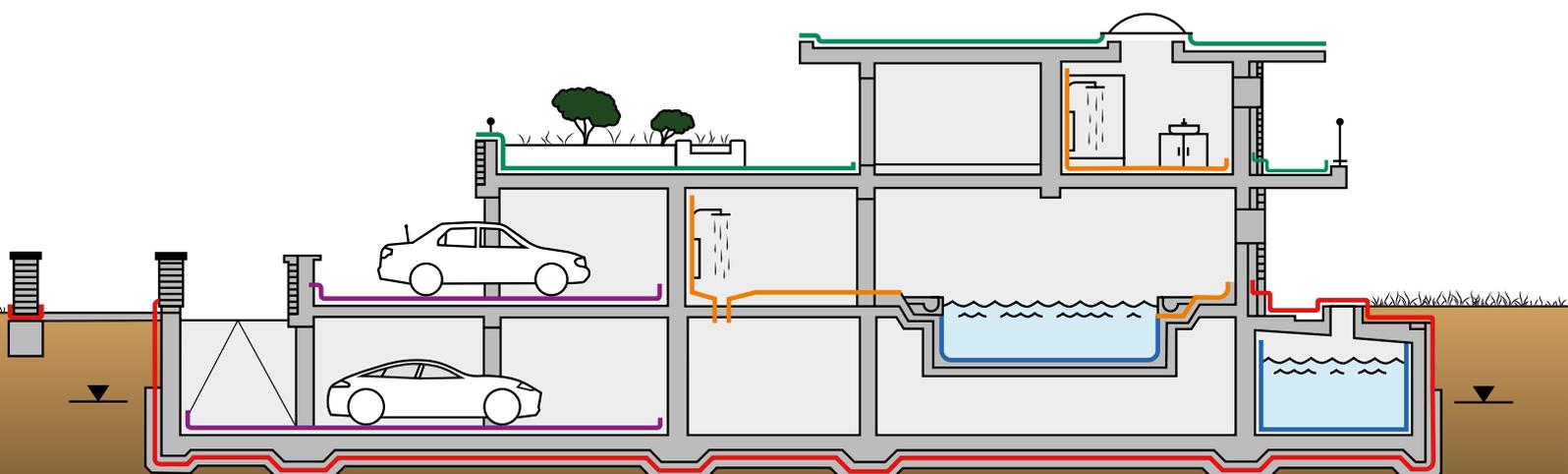
 DIN 18531: "Waterproofing of roofs, balconies, loggias and walkways"

 DIN 18532: "Waterproofing of concrete areas trafficable by vehicles"

 DIN 18533: "Waterproofing of elements in contact with soil"

 DIN 18534: "Waterproofing for indoor applications"

 DIN 18535: "Waterproofing of tanks and pools"



# DIN 18533

## Waterproofing of elements with ground contact

With the restructuring of the national set of standards for waterproofing structures with ground contact, waterproofing types that have been tried and tested in practice but were not previously regulated by standards are now included in the standard. In addition, a new, clear structure has also been created.

Compared to DIN 18195, only one part of the standard - DIN 18533 Part 1 - is required for the planning and execution of waterproofing of building components with ground contact. Parts 2 and 3 of the standard contain the material-specific regulations and specify the areas of application and the processing of the respective waterproofing materials.

### Classification:

Part 1: Requirements and principles for design

Part 2: Waterproofing with waterproofing materials in sheet form

Part 3: Waterproofing with liquid-applied waterproofing materials

Part 3 of DIN 18533 sets out the requirements for liquid-applied waterproofing materials.

### These include, in particular:

- ✓ Polymer-modified bituminous thick coatings (PMBC)
- ✓ Crack-bridging mineral waterproofing slurries (MDS)



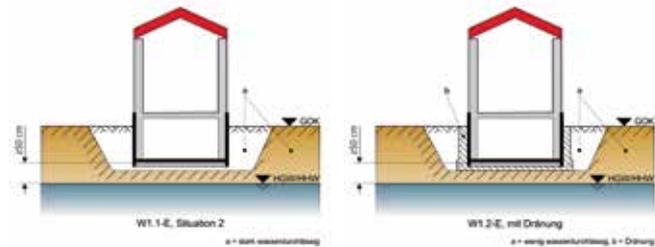
# The principles of choosing a waterproofing type

The proper functioning and reliability of structural waterproofing can only be guaranteed if the waterproofing system selected has adequate resistance against external influences.

Part 1 of the standard classifies the key impacts on a waterproofing system with ground contact.

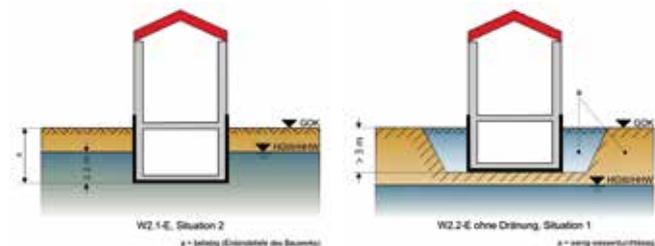
## Water impact classes (Wx-E)

Water can have an impact on a waterproofing system with ground contact in the form of capillary water, non-pressing water or hydrostatic water. When determining the water impact class (Wx-E), the highest assumed water level, the terrain and the type of soil are critical. When determining the permeability of the soil type, it is usually necessary to calculate the coefficient of water permeability (k value).



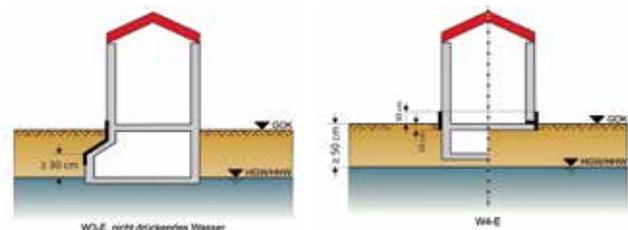
**W1.1-E**  
Ground moisture/non-pressing water on floor panels and walls in contact with the ground

**W1.2-E**  
Ground moisture/non-pressing water on floor panels and walls with drainage in contact with the ground



**W2.1-E**  
Moderate impact of hydrostatic water, ≤ 3 m immersion depth

**W2.2-E**  
High impact of hydrostatic water, ≥ 3 m immersion depth



**W3-E**  
Non-pressing water on ceiling panels covered by ground

**W4-E**  
Splashing water and ground moisture on the wall plinth/capillary water in and under walls

### Crack classes (Rx-E)

The formation of cracks or changes in crack widths must not cause any damage to the waterproofing. In order to adequately reflect this reliability criterion, the standard defines four different crack classes (Rx-E) on the basis of typical waterproofing substrates. The waterproofing material must be chosen on the basis of the crack class determined for the building. It must also satisfy the requirements of the relevant crack bridging class.

Crack formation / width changes	Crack class Rx-E	Components without static verification of the crack width limitation	Assignment of crack bridging classes RÜx-E and water impact classes (Wx-E)
≤ 0.2 mm	R1-E (low)	<ul style="list-style-type: none"> <li>Substrates for cross-sectional waterproofing</li> <li>Reinforced concrete without significant constraint and bending action</li> <li>Wall base masonry</li> </ul>	RÜ1-E (W1-E + W4-E)
≤ 0.5 mm	R2-E (moderate)	<ul style="list-style-type: none"> <li>Enclosed joints on flat components (e.g. prefabricated elements)</li> <li>Unreinforced concrete</li> <li>Reinforced concrete with significant constraint, tensile or bending action</li> <li>Masonry with ground contact</li> <li>Joints at material transitions</li> </ul>	RÜ2-E (W1-E + W4-E)
≤ 1.0 mm with ≤ 0.5 mm crack offset	R3-E (high)	<ul style="list-style-type: none"> <li>Joints on waterproofing backings</li> <li>Wall contact joints in the ground</li> </ul>	RÜ3-E (W2.1-E + W3-E)
≤ 5.0 mm with ≤ 2.0 mm crack offset	R4-E (very high)	<ul style="list-style-type: none"> <li>Any components with ground contact that are subject to environmental influences such as vibrations or earthquakes.</li> </ul>	RÜ4-E (W2.2-E)

### Room usage classes (RNx-E)

Depending on how the room with ground contact is used, the indoor climate and air must meet certain requirements. The type of waterproofing system and the permitted waterproofing materials are defined via the room usage classes.

Class	Indoor air requirements	Examples
RN1-E	low requirements	Open factory or warehouse
RN2-E	normal requirements	Recreation rooms or living rooms, storage rooms for moisture-sensitive goods (common basement use in residential and commercial buildings)
RN3-E	high requirements	Storage of irreplaceable or high-value goods, computer rooms

DIN 18533 applies to the planning and execution of waterproofing of building components and structures with ground contact. Determining the water exposure and use class is essential. The crack bridging class of the waterproofing product depends on the substrate. PMBCs, bitumen-based products, are provided for in the standard, while FPDs, also referred to as reactive sealants, are not yet. Remmers FPDs are approved as flexible mineral waterproofing slurries and have proof

of usability for all areas of application relevant to the building authorities. They can therefore also be used outside the scope of the standard. Such use needs to be set out contractually in a special agreement. The basis for application-specific areas of use of the products, even when using outside the scope of the standard, are the certificates of suitability / usability.



# System solutions for building waterproofing with ground contact

Structural waterproofing plays a central role in maintaining the value of a property. For liquid-applied waterproofing materials, the minimum dry film thickness must be taken into account as a quality and durability criterion.

Depending on the waterproofing material used, it is determined by the water impact class according to DIN 18533 and the suitability certificates available for the respective product. Since standards are generally “behind the times”, some modern sealing solutions require a special agreement. This applies, for example, in the case of hydrostatic water, across the board to the group of flexible, polymer-modified thick coatings and also in the case of ground moisture, insofar as they are not also tested as flexible, mineral waterproofing slurries. The following table provides an overview of the minimum dry film thicknesses to be complied with, whether reinforcement inlays are required and when a special agreement is necessary.

## Flexible polymer-modified thick coating (FPD)

Art. no.	Product	Execution	Water impact class				
			W1-E	W2.1-E	W2.2-E	W3-E	W4-E
3014	MB 2K	Minimum dry layer thickness $d_{min}$ Reinforcement inlay	2 mm <sup>①</sup> no	3 mm <sup>③</sup> no	4 mm <sup>②</sup> no	3 mm no	2 mm no
2940	MB 2K [eco]	Minimum dry layer thickness $d_{min}$ Reinforcement inlay	3 mm <sup>①</sup> no	4 mm <sup>③</sup> no		3 mm no	2 mm no
3004	MB TX 2K	Minimum dry layer thickness $d_{min}$ Reinforcement inlay	3 mm <sup>①</sup> no	4 mm <sup>③</sup> yes		3 mm yes	2 mm no
0851/0852	MB 1K rapid/S	Minimum dry layer thickness $d_{min}$ Reinforcement inlay	2 mm <sup>①</sup> no	4 mm <sup>③</sup> no	4 mm <sup>②</sup> no	3 mm no	2 mm no

## Polymer-modified bituminous thick coating (PMBC)

Art. no.	Product	Execution	Water impact class				
			W1-E	W2.1-E	W2.2-E	W3-E	W4-E
020888	BIT K2	Minimum dry film thickness $d_{min}$ Reinforcement inlay	3 mm no	4 mm yes		4 mm yes	3 mm <sup>④</sup> no
020872	BIT 1K [basic]	Minimum dry film thickness $d_{min}$ Reinforcement inlay	3 mm no	4 mm yes		4 mm yes	3 mm <sup>④</sup> no
020871	BIT 2K [basic]	Minimum dry film thickness $d_{min}$ Reinforcement inlay	3 mm no	4 mm yes		4 mm yes	3 mm <sup>④</sup> no

① On masonry with special agreement

② Only on concrete substrates and with special agreement as tested accordingly

③ Transition to WI concrete tested

④ Splashing water and ground moisture on the plinth - not for capillary water in and under walls



## Exterior waterproofing on concrete surfaces with ground contact

**Not only is MB 2K a versatile wonder, the economic efficiency also makes this system truly unique.**



In addition to the fast and weather-independent drying of the material and the resulting short waiting times on the construction site, this is mainly thanks to the relatively low material consumption.

Even when waterproofing building elements with ground contact against hydrostatic water, a dry layer thickness of just 3 mm is sufficient – with no need for fabric reinforcement. Compared to conventional systems, which require a layer thickness of 4 mm, this saves material and the additional step of embedding the fabric. A particularly effective application method for MB 2K is spraying. With suitable machine technology, spraying is a cost-effective alternative to manual application for surfaces starting from just 40 to 50 m<sup>2</sup>.

- ① **Preliminary work**  
Chamfer the edge of the projecting foundation.  
Remove components that could impair adhesion.
- ② **Levelling**  
Seal uneven areas and defects > 5 mm with WP DS Levell or WP DKS rapid [basic]. Pre-wet highly absorbent substrates with water.
- ③ **Primer**  
Apply an even layer of Kiesol MB. Pre-wet highly absorbent substrates with water. Leave out levelled areas.
- ④ **Scratch coat**  
Apply a scratch coat of MB 2K.
- ⑤ **Embedding the joint tape**  
Apply MB 2K in the internal corner area and embed tape from the Tape VF series while still wet.
- ⑥ **First waterproofing layer**  
Evenly apply the first waterproofing layer of MB 2K.
- ⑦ **Second waterproofing layer**  
Apply the second waterproofing layer of MB 2K as soon as the first layer is dry enough to resist damage.
- ⑧ **Heat insulation**  
Once sufficiently dry, bond the thermal insulation over its entire surface area using MB 2K or 2K Remmers PMBCs.
- ⑨ **DS Protect**  
Installation of DS Protect up to ground level.

This system solution can also be used with other products based on the MB technology.



# Strip waterproofing of joints on concrete with ground contact

To ensure the high-quality usability of even a waterproof concrete basement, water penetration through joints and cracks must be permanently ruled out.

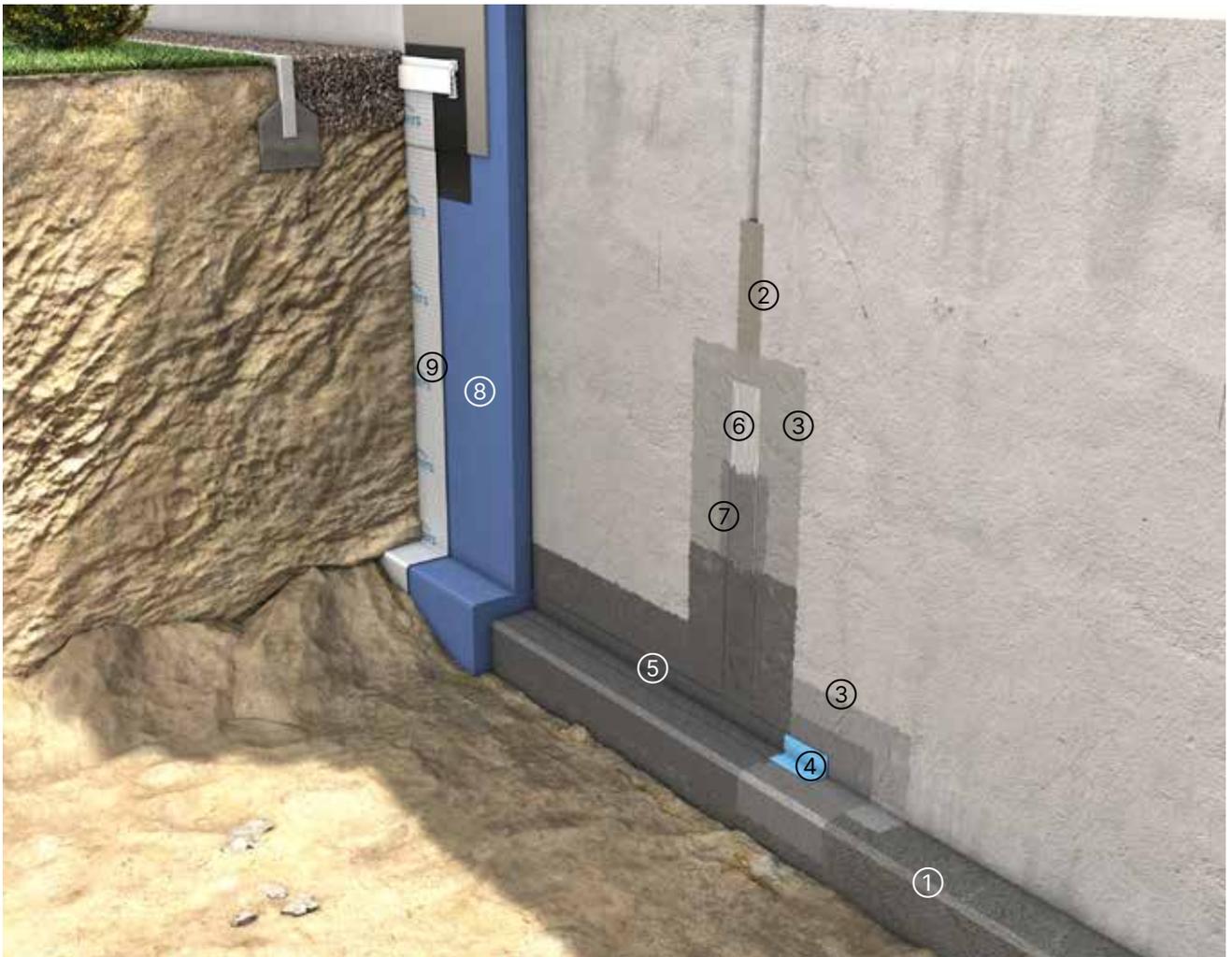
Only waterproofing products for which a suitability test has been carried out in accordance with PG-FBB may be used as joint sealants. MB TX 2K, a modern, flexible polymer-modified thick coating, meets this requirement.

- ✓ 1 to 1 container packaging reduces preparation time and prevents mixing errors
- ✓ Stable consistency with minimal dripping loss
- ✓ No priming necessary – contact layer ensures bonding strength early on
- ✓ Brand new filler technology for streak-free, high-performance application
- ✓ Fabric reinforcement for 2-layer application
- ✓ Resistant to hydrostatic water after one day
- ✓ Long open working time delays skin formation and minimises blistering on the surface
- ✓ Early resistance to rain means product can be applied in all weather
- ✓ Can be applied from an air and substrate temperature of 1°C
- ✓ Dry residue ≥ 90% thanks to modern filler and binder technology

Water impact class acc. to DIN 18533	Dry film thickness	Wet film thickness
<b>W1-E:</b> Ground moisture and non-pressing water	≥ 3 mm	~ 3.1 mm
<b>W2.1-E*:</b> Hydrostatic water < 3 m immersion depth Waterproofing with transition to WI wall base	≥ 4 mm with fabric	~ 4.2 mm
<b>W2.1-E*:</b> Hydrostatic water < 3 m immersion depth Strip waterproofing of joints on WI components	≥ 4 mm with fabric	~ 4.2 mm
<b>W3-E*:</b> Non-pressing water with fabric on slabs covered by soil	≥ 3 mm	~ 3.1 mm
<b>W4-E:</b> Splashing water at component base	≥ 2 mm	~ 2.1 mm

\*Special agreement required





**① Preliminary work**

Chamfer the edge of the projecting foundation. Mechanically remove cement paste at the wall/base joint and on the face of the floor slab > 15 cm. Remove components that could impair adhesion.

**② Levelling**

Seal unevenness, defects and element joints > 5 mm with WP DKS rapid [basic]. Pre-wet highly absorbent substrates with water.

**③ Scratch coat**

Apply a bonding course of MB TX 2K to at least 15 cm on both sides of the joints & foundation faces.

**④ Embedding joint tape in the wall / base connection area**

Apply MB TX 2K in the internal corner area and embed Tape VF 120 crease-free while still wet.

**⑤ Waterproofing the wall / base connection**

Apply two layers of MB TX 2K to the surfaces prepared with Tape VF 120.

**⑥ First waterproofing layer in the area of cross-joints of element walls**

Evenly apply the first waterproofing layer of MB TX 2K then embed the Remmers reinforcement inlay Tex 4/100.

**⑦ Second waterproofing layer**

Apply the second waterproofing layer of MB TX 2K as soon as the first layer is dry enough to resist damage.

**⑧ Heat insulation**

Once dry, use MB TX 2K or 2K Remmers PMBCs to bond the heat insulation to the entire surface area.

**⑨ Protecting the waterproofing**

Installation of DS Protect up to ground level.

This system solution can also be used with other products based on the MB technology.



## Exteriors: bricks with ground contact

People looking to build a basement can choose from a variety of construction methods.

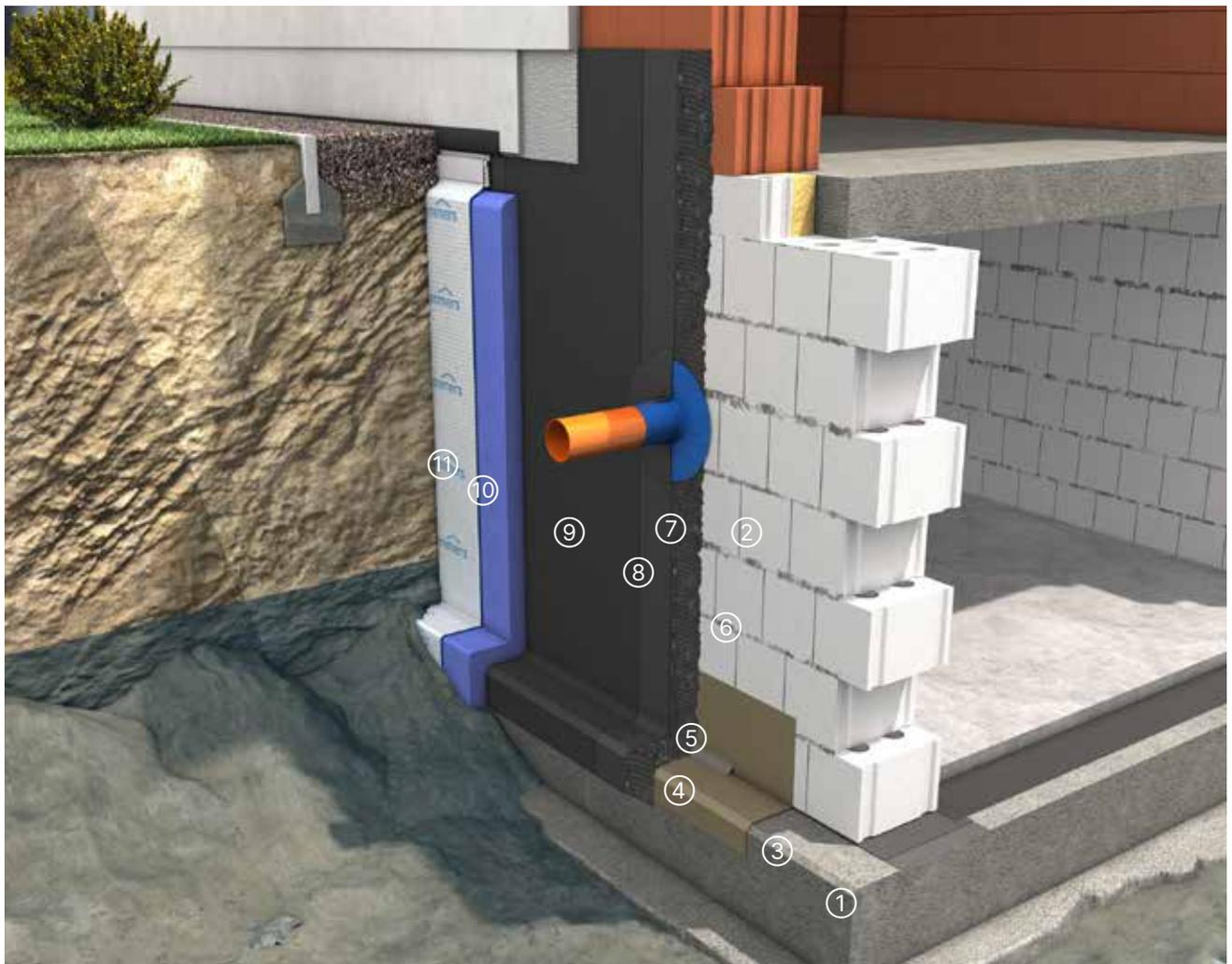


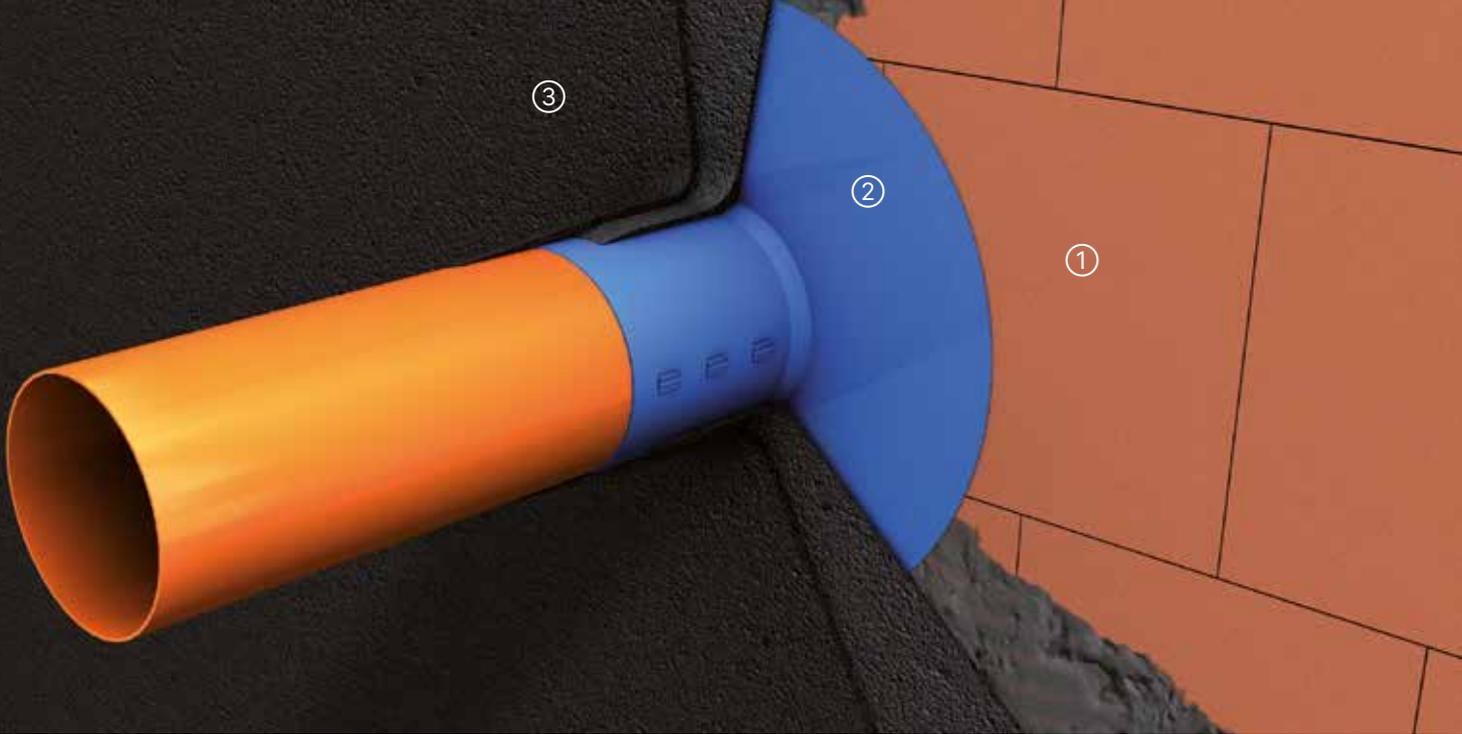
In most cases, concrete is chosen as the building material, as brick basements are no longer necessarily considered contemporary. But these types of basements still exist – they have proven their worth for decades in terms of their load-bearing capacity and robustness and do not necessarily cost more than a concrete basement. DIN 18533 also applies to brick basements. When it comes to determining the water impact classes and other factors, there are no major differences compared to concrete substrates. Only when choosing a flexible polymer-modified thick coating is it necessary to work with a special agreement. However, this is not a problem, as Remmers has all the necessary suitability certificates for its FPDs. The accompanying work, such as chamfering edges and rounding corners, does not differ from the procedure for concrete basements. However, special attention must be paid to protection against rear moisture during construction and cross-sectional waterproofing, which does not exist in this form in concrete basements.

(Turn to page 35 for smart, tried-and-tested solutions.)

- ① **Preliminary work**  
Chamfer the edge of the projecting foundation.  
Remove components that could impair adhesion.
- ② **Levelling**  
Seal uneven areas and defects > 5 mm with WP DS Levell. Pre-wet highly absorbent substrates with water.
- ③ **Primer**  
Apply an even layer of Kiesol MB in the wall / base joining area. Pre-wet highly absorbent substrates with water. Leave out levelled areas.
- ④ **Protection against backfacing water**  
Apply an even layer of WP DS [basic] with a slurry brush to protect against backfacing water.
- ⑤ **Angle fillet**  
Apply an angle fillet of WP DS Levell to the wet backfacing water protection and use a profiled trowel to profile in a radius of 50 mm.
- ⑥ **Primer**  
Apply an even layer of Kiesol MB to absorbent masonry walls. Leave out levelled areas.
- ⑦ **Scratch coat**  
Apply a scratch coat of MB 2K.
- ⑧ **First waterproofing layer**  
Evenly apply a first waterproofing layer of MB 2K.
- ⑨ **Second waterproofing layer**  
Apply a second waterproofing layer of MB 2K as soon as the first layer is dry enough to resist damage.
- ⑩ **Heat insulation**  
Once dry, bond the thermal insulation over its entire surface area using MB 2K or 2K Remmers PMBCs.
- ⑪ **Protecting the waterproofing**  
Installation of DS Protect up to ground level.

This system solution can also be used with other products based on the MB technology.





## Reliable waterproofing of pipe penetrations

The more extreme the stresses, the more important it is to guarantee the reliability of waterproofing in especially sensitive areas.

This includes penetration points, which can prove to be an especially critical area. The pipe flange system has been proven to stay waterproof at immersion depths of up to a 5 m water column.

The pipe flange is permanently and securely bonded to the substrate and to the pipe. This configuration ensures an optimum bond between the pipe penetration, the pipe flange and MB product range MB 2K / Remmers PMBCs.

### Proven effectiveness:

Investigation report to verify the sealing behaviour of a gap seal for pipe penetrations.



- ① Prepare the substrate**  
The substrate must be roughened, dry and free of dust. Fix the pipe so that it cannot move during the application of the waterproofing.
- ② Apply flange adhesive**  
Apply adhesive to the pipe flange and the mineral substrate.
- ③ Attach pipe flange**  
Clip together the two half-shells around the pipe and push onto the substrate, twisting gently. Then waterproof the building structure with MB products or Remmers PMBC.

# DS Protect: The top-performing protection and drainage system

The heavy-duty, three-layer protection and drainage system protects structural waterproofing to the highest level in accordance with DIN 18533 and DIN 4095.

Remmers DS Protect protects the perimeter insulation boards from moisture as a second, waterproof envelope on the basement wall waterproofing, ensures thermal stability and keeps basement walls permanently warm and dry.

The transmission of shear forces from the soil to the waterproofing is reliably prevented by a sliding film perforated in the micrometre range.

The additional filter mat laminated onto the dimpled sheet ensures that water is filtered and drained. The weather-resistant filter mat prevents the dimpled structure from becoming clogged. In addition, the permanent action of the pressure exerted by the soil is distributed over a wide area.

- ✓ Safe and highly durable according to DIN 18533
- ✓ Good drainage (drainage system as per DIN 4095)
- ✓ Resistant to weathering
- ✓ Temperature-resistant from -30 °C to +80 °C
- ✓ Compressive strength: approx. 350 kN/m<sup>2</sup>
- ✓ Resistant for at least 25 years in natural soils with pH values between 4 and 9 and a soil temperature < 25 °C



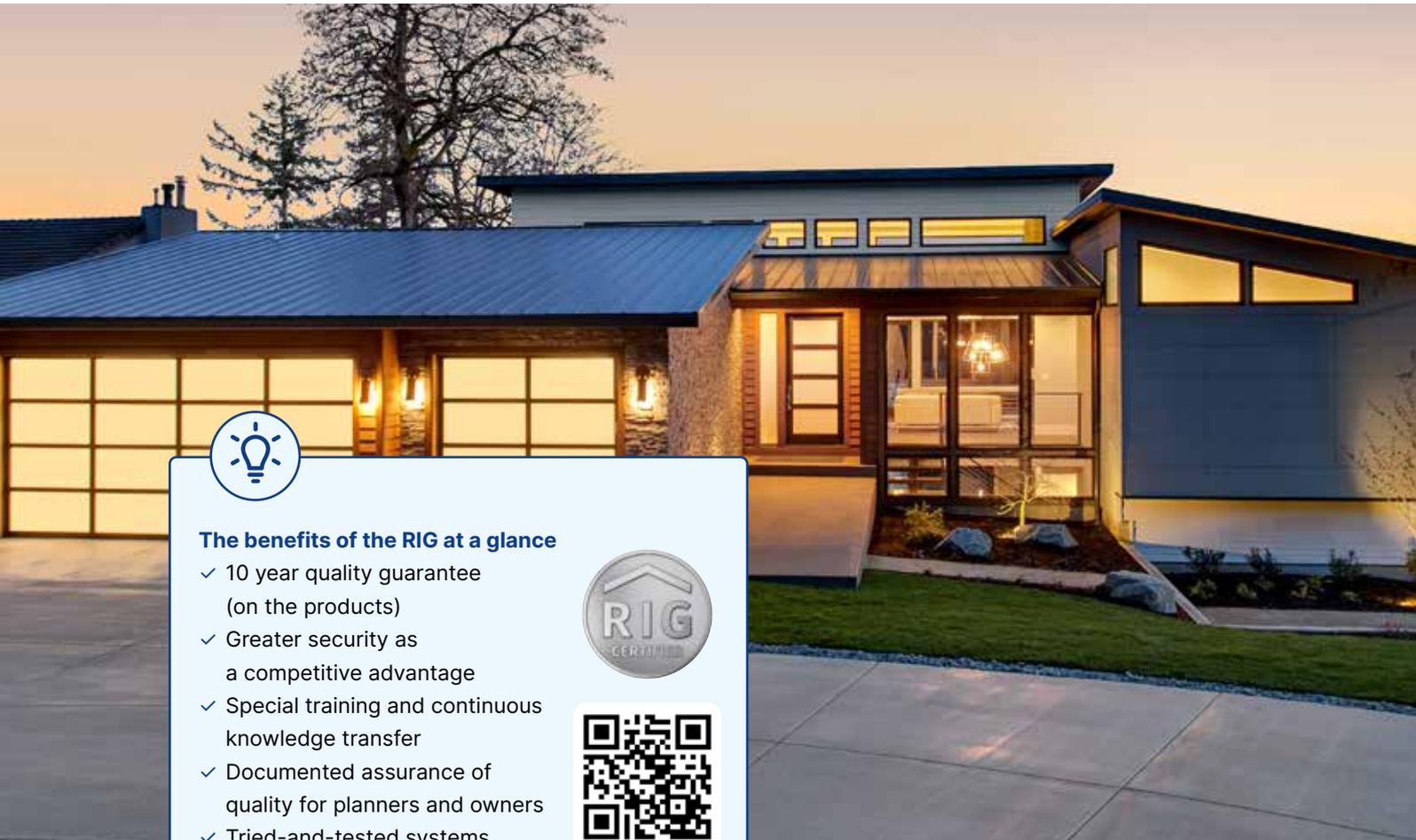
# Exterior water- proofing for areas with ground contact – with the RIG

Remmers International  
Guarantee – The best solution  
for professionals

Quick and easy application and good reliability with short waiting times are the most important demands that a modern waterproofing system must meet. The Remmers MB 2K system meets all these requirements.

In combination with the Remmers International Guarantee (RIG), we offer not just the most ideal product/system combinations for the waterproofing of building elements with ground contact, but also an extra degree of security.

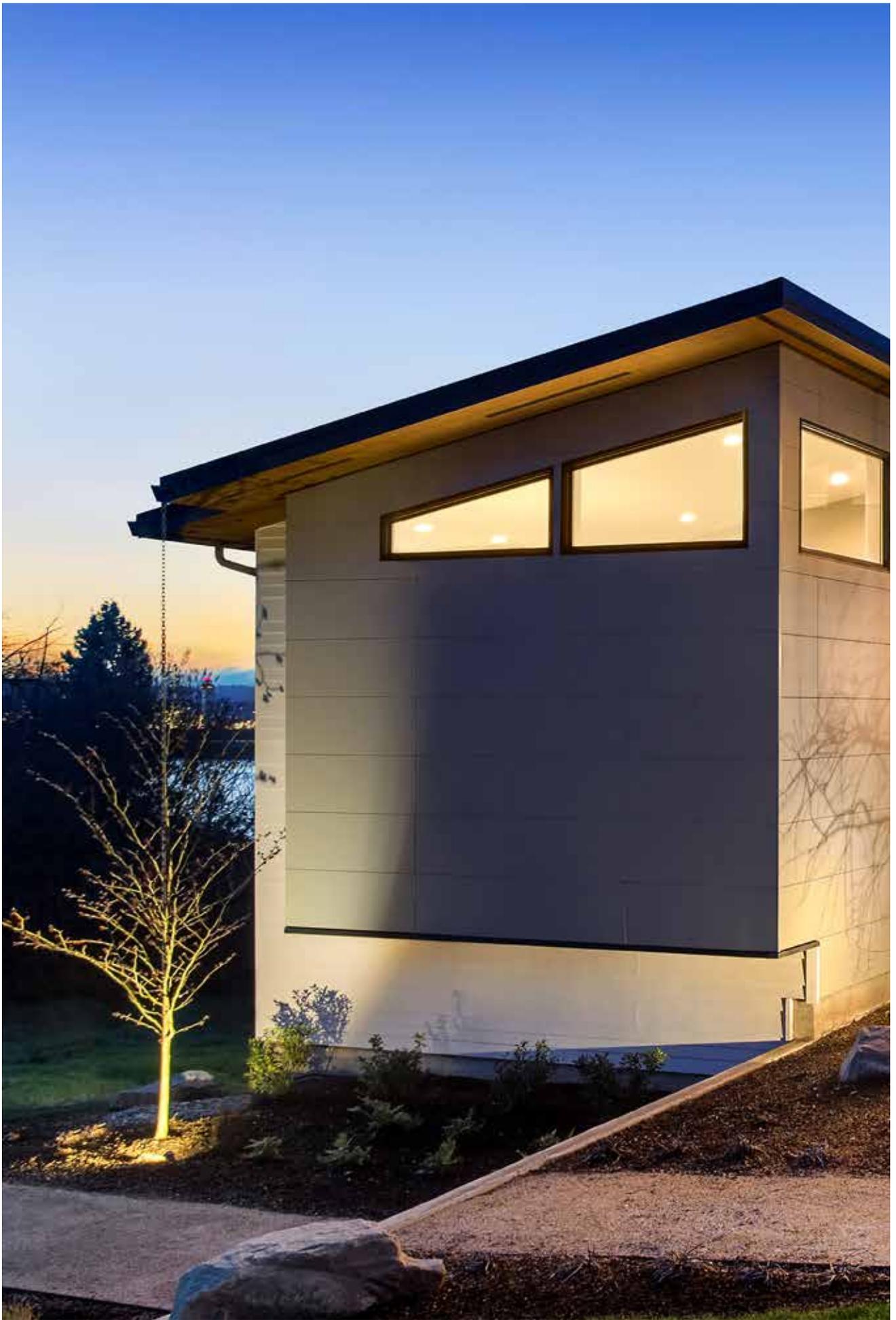
Specialist companies that have been certified by Remmers as official RIG applicators have access to a variety of unrivalled benefits and additional services. After all, RIG specialist companies can work with and advertise to clients and building owners a 10-year product guarantee, which Remmers assures the specialist company. This creates trust and, as a unique selling point, is a major advantage in order procurement.



### The benefits of the RIG at a glance

- ✓ 10 year quality guarantee (on the products)
- ✓ Greater security as a competitive advantage
- ✓ Special training and continuous knowledge transfer
- ✓ Documented assurance of quality for planners and owners
- ✓ Tried-and-tested systems







## Radon-proof waterproofing

**Our external waterproofing products are tested, certified and radon-proof**

With the introduction of the Radiation Protection Act of 31 December 2018, specifications for protection against radon in living and working spaces as well as for occupational and medical radiation protection were defined in accordance with the requirements of the European Directive 2013/59 EURATOM.



By 2020, all German states had to identify and report areas with high radon occurrence. In radon precautionary areas, different regulations for protection against radon then apply. Remmers offers several waterproofing products with certified imperviousness to radon. All products have been tested, certified and their effectiveness proven in years of practical use.



### **What our waterproofing products do**

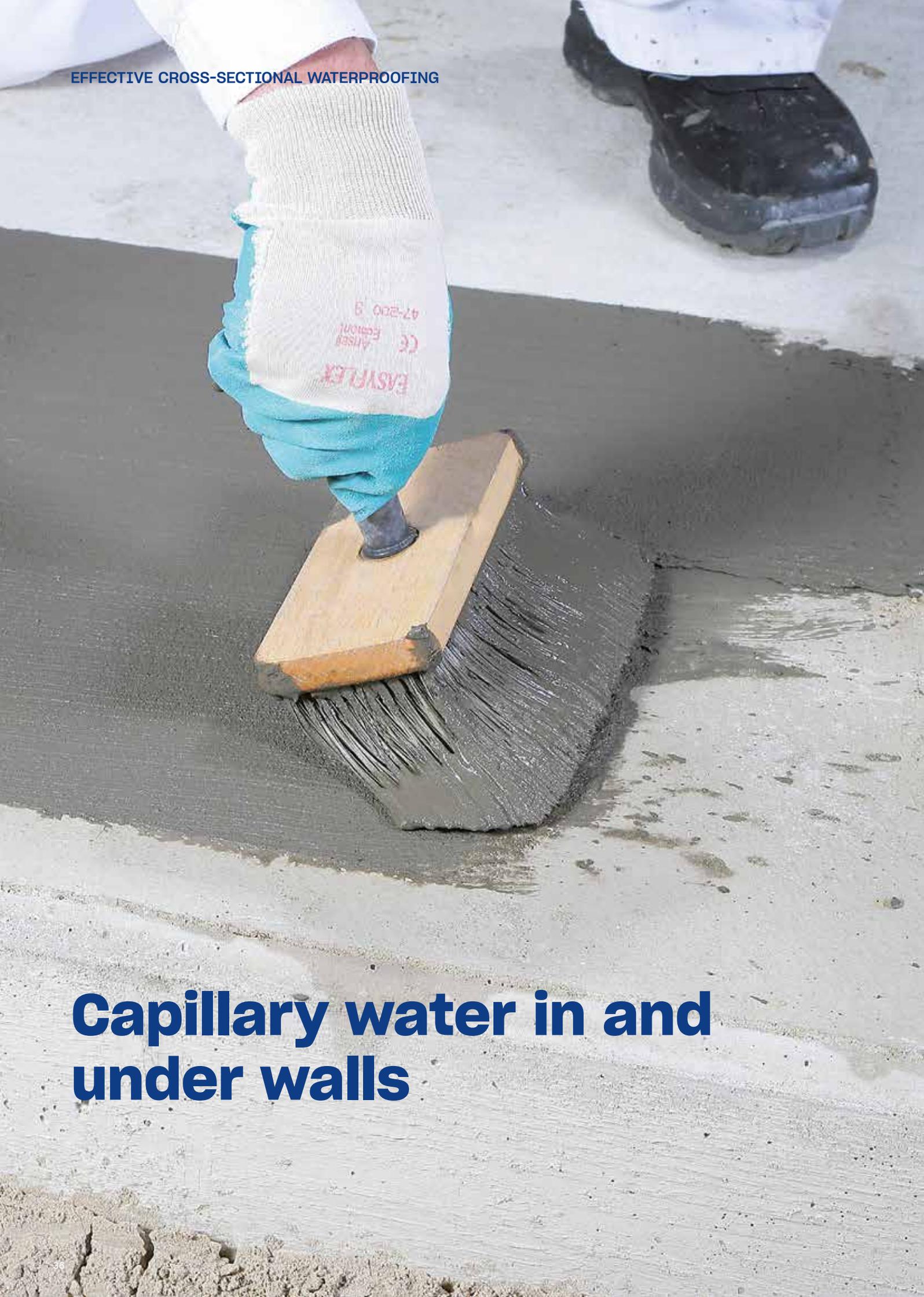
The gas permeability of a waterproofing material depends on both its material composition and the properties of the penetrating gas. Noble gases such as radon diffuse particularly well through porous materials as single atoms. In particular, the half-life (the period of time after which half of the amount of the isotope originally present has decayed through radioactive decay) of radon must be taken into account (3.82 days).

Radioactive decay starts to take place within the building components if the time it takes for the radon atoms to diffuse through the material amounts to several half-lives. The decay products that form are then no longer gaseous and are bound in the building material, so they do not get into the indoor air and are therefore harmless to humans. Radon-proof materials must have a material thickness at least three times the diffusion length of radon (1).

### **Tested, certified and permanently radon-proof!**

Tests carried out by the expert for radon, Dr Kemski in Bonn, certify the radon impermeability of our products: MB 2K, MB TX 2K, MB 2K [eco], MB 1K rapid, MB 1K S, BIT K2, BIT 1K [basic], BIT 2K [basic], Betofix OS 5b+





# Capillary water in and under walls



## Cross-sectional waterproofing on base slabs

As already enshrined in Eurocode 6 (DIN EN 1996) since 2012, cross-sectional waterproofing must now also be able to transfer vertical as well as horizontal design loads without damage according to DIN 18533.

Due to the shear-resistant bond between floor slabs and rising masonry, crack-bridging, mineral waterproofing slurries have proven their worth in this area.

The combination of the special primer Kiesol MB and the mineral waterproofing product MB 2K meets precisely this requirement and also offers optimum protection against capillary rising damp.



- ① **Preliminary work**  
Remove components that could impair adhesion with a steel broom.
  - ② **Primer**  
Apply an even layer of Kiesol MB. Pre-wet highly absorbent substrates with water.
  - ③ **Waterproofing layer**  
Apply two layers of MB 2K "wet-on-wet" as a slurry. Apply the waterproofing on the inside to an excess width of approx. 100 mm. The dry layer thickness must not be less than 2 mm.
- Masonry**
- ④ Once the waterproofing is sufficiently dry, construct the rising wall.

This system solution can also be used with other products based on the MB technology.

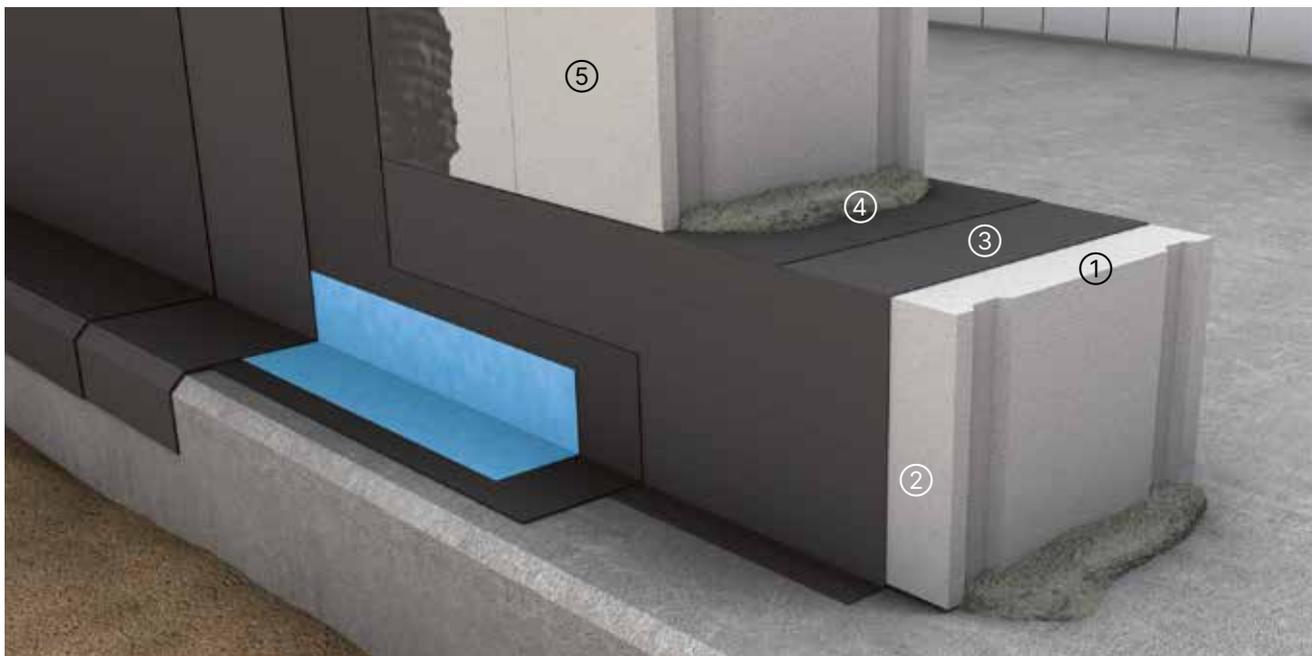
# Block waterproofing: a special solution with optimum protection

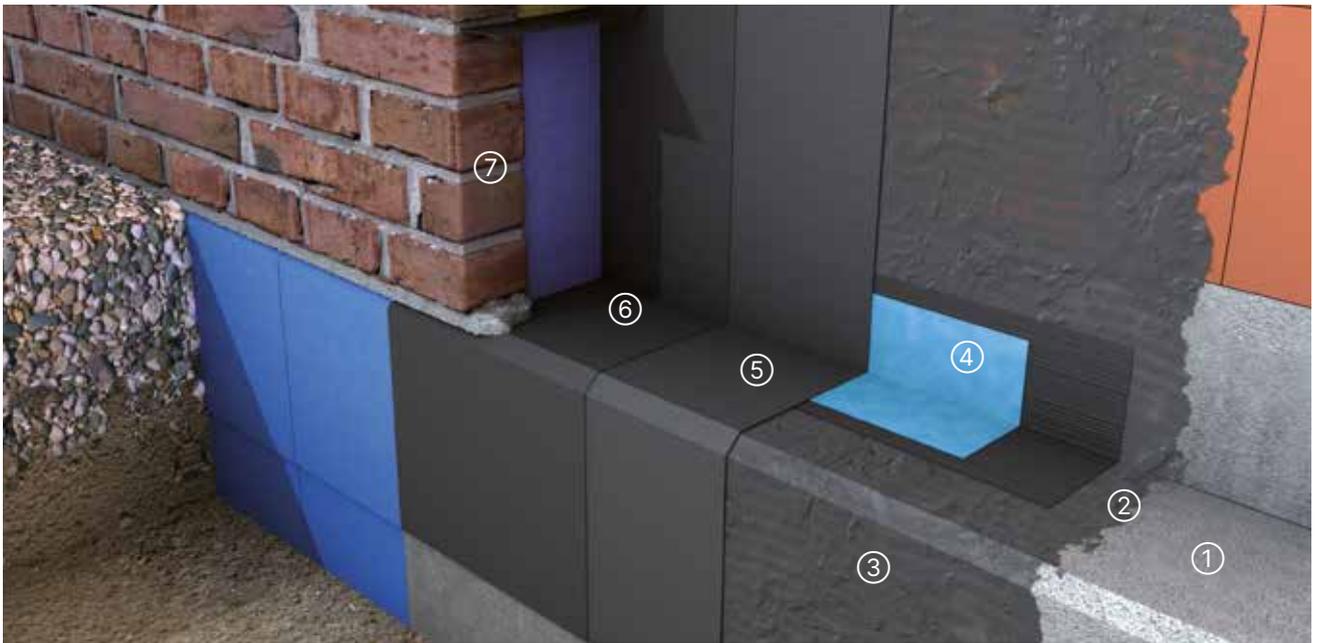
In order to counteract moisture penetration during the construction phase at an early stage, it is recommended that the first layer of bricks in the basement wall be completely sealed. MB 2K is the perfect material for this. MB 2K can be used not only for cross-sectional waterproofing, but also to provide protection against rear moisture in the form of block waterproofing in accordance with the standards. This makes tedious waiting times or complicated shift patterns a thing of the past.



- ① **Preliminary work**  
When laying the first layer of bricks, seal openings with masonry mortar. Chamfer the edges of the masonry.
- ② **Primer**  
Apply an even layer of Kiesol MB. Pre-wet highly absorbent substrates with water.
- ③ **First waterproofing layer**  
Apply an even layer of MB 2K as a slurry. Seal the first layer of bricks over the entire surface and apply the waterproofing to the floor slab on both sides to at least 50 mm.
- ④ **Second waterproofing layer**  
Apply the second waterproofing layer as soon as the first layer is dry enough to resist damage (stone surface only).
- ⑤ **Masonry**  
Once the waterproofing is sufficiently dry, construct the rising wall.

This system solution can also be used with other products based on the MB technology.





## Waterproofing the base of cavity wall construction

For base waterproofing in cavity wall construction, the application of liquid-applied waterproofing materials such as PMBCs or flexible mineral slurries was not clearly regulated until very recently. With the entry into force of the national regulations, the above-mentioned product systems, which have proven themselves in practice for many years, are covered by the standard DIN 18533. Thanks to its unique performance, the universally applicable waterproofing product Remmers MB 2K also scores highly in this area. Not only does MB 2K meet the specifications for crack-bridging mineral slurries and flexible polymer thick coatings (PG-MDS/FPD), but also the compressive load capacity required for PMBCs many times over. MB 2K is also very easy to process and can be applied as a slurry or with a trowel. In combination with the non-woven laminated joint tapes of the Tape VF series, this system solution is extremely easy to use, practical and compliant with standards.



- ① **Preliminary work**  
Chamfer the edge of the projecting foundation. Remove components that could impair adhesion.
- ② **Primer**  
Apply an even layer of Kiesol MB. Pre-wet highly absorbent substrates with water.
- ③ **Scratch coat**  
Apply a scratch coat of MB 2K.
- ④ **Embedding the joint tape**  
Apply MB 2K in the internal corner area and embed Tape VF 120 while still wet.
- ⑤ **First waterproofing layer**  
Evenly apply a first waterproofing layer of MB 2K.
- ⑥ **Second waterproofing layer**  
Apply the second waterproofing layer of MB 2K as soon as the first layer is dry enough to resist damage.
- ⑦ **Masonry**  
Once the waterproofing is sufficiently dry, construct the cavity wall masonry shell.

This system solution can also be used with other products based on the MB technology.

A photograph of a modern building's entrance. The building has a light-colored facade and a dark grey plinth. A glass door is open, revealing a warm interior. A silver downspout is visible on the left. Two potted plants with white flowers are in the foreground. A white arrow-shaped graphic points from the bottom left towards the text.

**System solutions  
for protection  
against  
backfacing water**

# Splashing water and ground moisture at the wall base (W4-E)

The water impact class W4-E, which was developed specifically for the wall base area, defines not only capillary water in and under walls, but also the impact of splash water and ground moisture at the wall base.

With the new version of the standard, crack-bridging mineral waterproofing slurries are permissible as the sole base waterproofing for this area in conformity with the standard. Although these systems have proven their worth in practice, they have a major disadvantage: they only adhere to mineral substrates. But it's a different story with MB products: the adhesive properties of the material are so good that it adheres to all standard building substrates, even bitumen waterproofing. This opens up completely new application possibilities. There are hardly any restrictions in terms of adhesion, and even transition areas at the wall base, e.g. at thresholds and door elements at the same level, can be waterproofed without any problems.





## Splashing water and ground moisture at the wall base

In order to prevent the capillary absorption of moisture by render, the lowest edge of a wall base render with ground contact must be sealed to at least 50 mm above the upper edge of the ground. This protective measure, which we have been championing for years, is one of the applications that can be carried out with crack-bridging mineral waterproofing slurries in accordance with the regulations as of July 2017. And when it comes to picking a product, the versatile MB 2K is the top performer. The material is UV-stable, weather-resistant and can also be painted over with binder-rich emulsion paints, such as Remmers Color PA, without any problems.

### ① Preliminary work

Chamfer external corners and remove any components that could impair adhesion.

### ② Primer

Apply an even layer of Kiesol MB. Pre-wet highly absorbent substrates with water. Leave out levelled areas.

### ③ Scratch coat

Apply a scratch coat of MB 2K.

### ④ Embedding the joint tape

Apply MB 2K in the internal corner area and embed Tape VF while still wet.

### ⑤ First waterproofing layer

Evenly apply a first waterproofing layer of MB 2K.

### ⑥ Second waterproofing layer

Apply the second waterproofing layer of MB 2K as soon as the first layer is dry enough to resist damage.

### ⑦ Heat insulation

Once sufficiently dry, bond the thermal insulation over its entire surface area using MB 2K or 2K Remmers PMBCs.

### ⑧ Reinforcement layer

Apply VM Fill to the thoroughly dried waterproofing and embed reinforcing fabric Tex 4/100.

### ⑨ Finishing render

Apply a thin layer of VM Fill rapid to the reinforcement layer and smooth off.

### ⑩ Render waterproofing

Seal off the plinth render with MB 2K so that the pores are closed. Apply the waterproofing material to at least 50 mm above ground level.

### ⑪ DS Protect

Installation of DS Protect up to ground level.

This system solution can also be used with other products based on the MB technology.

# Cross-interface plinth waterproofing

When waterproofing a building using liquid sealing materials, it is almost always necessary to change the material at the transition to the base of the building. The conventional method is to seal the base zone with a mineral sealant and the transition area with a bituminous sealant. The resulting transition from the mineral to the bituminous system in the base is already a weak point due to the material. This is where the special technology of MB 2K comes in, which enables the product to adhere optimally on mineral as well as bituminous substrates, so it can also be applied on bitumen. Transition areas can be sealed in this way, in accordance with the new standards, with absolute protection against backfacing water.

- ① **Preliminary work**  
Remove components that could impair adhesion.
- ② **Primer**  
Apply an even layer of Kiesol MB to mineral, absorbent substrates. Leave out levelled and pre-sealed areas.
- ③ **Scratch coat**  
Apply a contact layer of MB 2K as a scratch coat to the existing PMBC and mineral substrate (overlap > 100 mm).
- ④ **First waterproofing layer**  
Evenly apply a first waterproofing layer of MB 2K.
- ⑤ **Second waterproofing layer**  
Apply a second waterproofing layer of MB 2K as soon as the first layer is dry enough to resist damage.

- ⑥ **Plinth insulation**  
Install the ground course insulation in the area exposed to splashwater, including wall base render.
  - ⑦ **Render waterproofing**  
Seal off the plinth render with MB 2K so that the pores are closed. Apply the waterproofing material to at least 50 mm above ground level.
  - ⑧ **DS Protect**  
Installation of DS Protect up to ground level.
- Surface finish**
- ⑨ Apply Color PA over wall base render and waterproofing.

This system solution can also be used with other products based on the MB technology.



# Wood: the building material of the future

**Timber frame construction is set to grow in significance as a building practice. At the same time, energy efficiency requirements and the associated specifications concerning damp and humidity are becoming ever more demanding.**

When in use, buildings are expected to consume as little energy as possible – or even none at all. They must also be resource-efficient and, of course, remain safe over the long term. What this means is that moisture ingress from outside, as well as from inside via condensation, must be reliably prevented. Moisture protection is even more paramount for timber frame construction than it is for buildings constructed from mineral materials. For this reason, DIN 68 800 does not currently stipulate that wooden sleepers may be installed below ground level, as there is a considerable potential for damage here due to increased moisture exposure. This approach is also logical and understandable when it comes to considering the conventional options in relation to structural waterproofing. But at the same time, it is also often very costly, since there is an increasing demand for barrier-free access to buildings. With the advent of new materials for waterproofing buildings, it is high time we took a closer look at this issue.

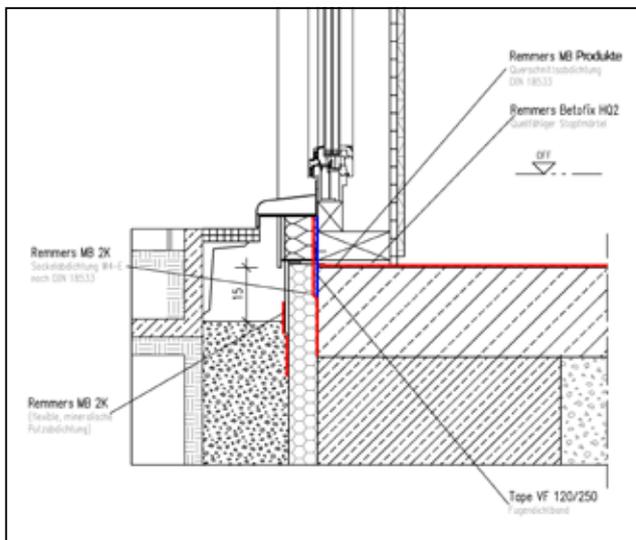




# Ground-level thresholds

Accessibility made easy.

Developers may wish to create barrier-free access to people's homes for a variety of reasons. It may simply be the desire for easy access to the building, e.g. when planning ahead for old age, or it may also be that certain life circumstances mean that barrier-free access to a building is required. In any case, barrier-free accessibility has been mandatory in public buildings for several years.



To achieve barrier-free access in timber frame construction, detailed planning is necessary. DIN 68 800 therefore also addresses this topic. The standard includes a construction drawing for a specific case. In everyday construction practice, many planners and housebuilders find this type of work too costly and complex. For this reason, ground-level thresholds are not usually planned in timber frame construction, but are often not explicitly excluded.

## Modern assessment methods

In order to find a practical solution that uses the building materials available today, Remmers has used cutting-edge simulation technology to take a look at this detail more closely. The software used is called DELPHIN, a digital simulation program for coupled heat, moisture, air and salt transport in building constructions. It is used by research institutes and universities worldwide. This program can be used to analyse virtually any problems in construction physics. The inclusion of natural climate and usage conditions makes it possible to obtain information on a wide range of topics, such as rising damp, the effect of sunlight or driving rain, or permitted moisture content at installation.

# System products for building waterproofing with ground contact



# Recommended products

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**MB 2K**

Versatile building waterproofing



**MB 2K [eco]**

Versatile building waterproofing made from renewable raw materials



**MB TX 2K**

Stable, flexible, polymer-modified thick coating (FPD)



**Kiesol MB**

Special primer



**MB 1K rapid**

Single-component, versatile building waterproofing product



**MB 1K S**

Versatile, single-component waterproofing product, optimised for spraying



**WP DS Levell**

Waterproofing filler with high sulfate resistance



**WP DKS rapid [basic]**

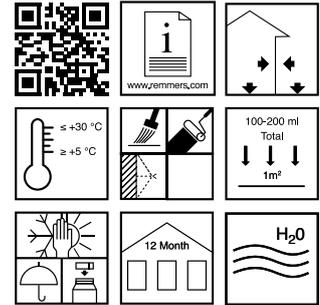
Quick-setting waterproofing filler

# Kiesol MB

Special primer

Range of use	<ul style="list-style-type: none"> <li>▪ System component for building waterproofing</li> <li>▪ Absorbent mineral substrates</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Improves adhesion to the substrate</li> <li>▪ Repels water</li> <li>▪ Strengthening</li> </ul>
Application rate	▪ Approx. 100 - 200 ml/m <sup>2</sup> 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	■	■	■	■

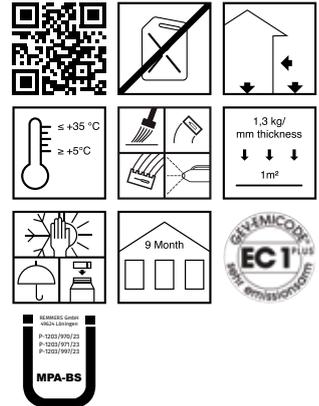


System products	Art. no.
MB 2K	(3014)
MB 2K [eco]	(2940)
MB 1K rapid	(0851)
Remmers PMBCs	
Remmers waterproofing slurries	

# MB 1K rapid

Single-component, versatile 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"> <li>Waterproofing new buildings</li> <li>Installation depths &gt; 3 m in the ground</li> <li>Connections to water-impermeable concrete constructions</li> <li>Cross-sectional waterproofing in and under walls</li> <li>Plinth and render waterproofing</li> <li>Subsequent exterior waterproofing of existing buildings</li> <li>Bonding layer on old bitumen</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Can be used directly from the container with no mixing</li> <li>Fast, crosslinker-assisted complete drying</li> <li>Can be activated extremely quickly if required for a rainproof surface in seconds</li> <li>Fast adhesive bonding, even on non-mineral substrates</li> <li>Very low emissions (GEV-EMICODE EC 1<sup>Plus</sup>)</li> <li>Highly flexible, ductile and crack-bridging</li> <li>Water pressure-tight</li> <li>Can be painted and plastered over</li> <li>Can be applied as a slurry, by trowel, brush or spraying</li> <li>Resistant to frost/de-icing salts</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Min. 1.3 kg/m<sup>2</sup>/mm dry layer thickness</li> </ul>



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

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

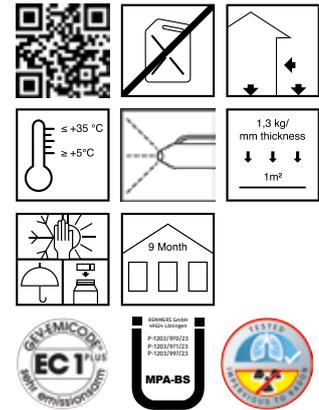
\*Use biocides safely. Always read the label and product information before use.

# MB 1K S

Single-component, versatile 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"> <li>Waterproofing new buildings</li> <li>Installation depths &gt; 3 m in the ground</li> <li>Connections to water-impermeable concrete constructions</li> <li>Cross-sectional waterproofing in and under walls</li> <li>Plinth and render waterproofing</li> <li>Subsequent exterior waterproofing of existing buildings</li> <li>Bonding layer on old bitumen</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Can be applied as a slurry, by brush or by spraying</li> <li>Fast adhesive bonding, even on non-mineral substrates</li> <li>Very low emissions (GEV-EMICODE EC 1Plus)</li> <li>Highly flexible, ductile and crack-bridging</li> <li>Water pressure-tight</li> <li>Can be painted and plastered over</li> <li>Fast, crosslinker-assisted complete drying</li> <li>Resistant to frost/de-icing salts</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Min. 1.3 kg/m<sup>2</sup>/mm dry layer thickness</li> </ul>

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



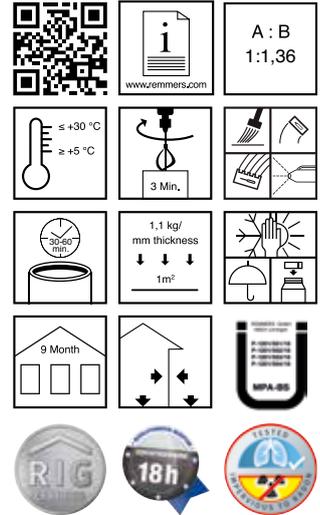
System products	Art. no.
Tape VF	(4822)
Protect MKT 1*	(3024)
Kiesol MB	(3008)
WP DS Levell	(0426)
WP DKS rapid [basic]	(0423)
VM Fill	(0517)
VM Fill rapid	(0519)
FL fix	(2817)

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

# MB 2K

Versatile 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"> <li>▪ Rapid waterproofing</li> <li>▪ Waterproofing new buildings</li> <li>▪ Horizontal waterproofing in and under walls</li> <li>▪ WTA-compliant waterproofing in existing buildings</li> <li>▪ Installation depths &gt; 3 m in the ground</li> <li>▪ Approved for connections to water-impermeable concrete constructions</li> <li>▪ Base and footing waterproofing</li> <li>▪ Composite waterproofing</li> <li>▪ Bonding layer on old bitumen</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Tested crack bridging of more than 3 mm (acc. to DIN EN 14891)</li> <li>▪ Fast drying and cross-linking after 18 hours at 5 °C and 90% RH</li> <li>▪ Satisfies the test requirements for PMBCs</li> <li>▪ Radon impermeability (verified through testing)</li> <li>▪ Solvent-free</li> <li>▪ Bitumen-free</li> <li>▪ Water pressure-tight</li> <li>▪ High adhesive pull strength</li> <li>▪ Very good adhesion even on non-mineral substrates (e.g. plastics, metals)</li> <li>▪ Highly flexible, ductile and crack-bridging</li> <li>▪ Short time until ready for covering (≥ 4h)</li> <li>▪ UV-resistant</li> <li>▪ Resistant to frost/de-icing salts</li> <li>▪ Can be painted and plastered over</li> <li>▪ Can be applied as a slurry, by trowel, brush or spraying</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ Min. 1.1 kg/m<sup>2</sup>/mm dry layer thickness</li> </ul>



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.
Kiesel MB	(3008)
WP DS Levell	(0426)
VM Fill rapid	(0519)
Protect MKT 1*	(3024)
VZ MB	(3005)
VM Fill	(0517)
Kiesel	(1810)
Remmers waterproofing slurries	
*Use biocides safely. Always read the label and product information before use.	

# MB 2K [eco]

Versatile building waterproofing made from renewable raw materials

Range of use	<ul style="list-style-type: none"> <li>▪ Rapid waterproofing</li> <li>▪ Waterproofing new buildings</li> <li>▪ Installation depths &gt; 3 m in the ground</li> <li>▪ Mineral substrates</li> <li>▪ Exterior, strip-type construction joint waterproofing for structural elements made of concrete with high water penetration resistance against pressing water (water impact class W2.1-E)</li> <li>▪ Waterproofing of new buildings according to DIN 18533 for water impact classes W1-E, W2.1-E, W3-E and W4-E</li> <li>▪ Base and footing waterproofing</li> <li>▪ Bonding layer on old bitumen</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Very low emissions (GEV-EMICODE EC 1<sup>Plus</sup>)</li> <li>▪ Fast drying and cross-linking after 24 hours at 5 °C and 90% RH</li> <li>▪ Solvent-free</li> <li>▪ Bitumen-free</li> <li>▪ Water pressure-tight</li> <li>▪ Radon impermeability (verified through testing)</li> <li>▪ High adhesive pull strength</li> <li>▪ Highly flexible, ductile and crack-bridging</li> <li>▪ Can be painted and plastered over</li> <li>▪ Can be applied as a slurry, by trowel, brush or spraying</li> <li>▪ Very good adhesion even on non-mineral substrates (e.g. plastics, metals)</li> <li>▪ UV-resistant</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ Approx. 1.15 kg/m<sup>2</sup>/mm dry layer thickness</li> <li>▪ Approx. 4.6 kg/m<sup>2</sup> for a 4 mm dry layer thickness</li> </ul>

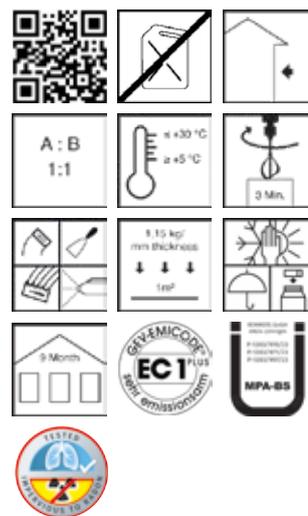
Quantity per pallet	18
Packaging unit	25 kg Combi-container (2 × 6.25 kg PC+ 2 × 6.25 kg LC)
Container code	25
Art. no.	
2940	■

# MB 2K Window Kit

Pre-assembled kit for waterproofing full-length windows

Range of use	<ul style="list-style-type: none"> <li>▪ Waterproofing full-length windows</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ <b>CONTENTS MB 2K Window Kit:</b> <ul style="list-style-type: none"> <li>- Instructions for use</li> <li>- MB 2K (8.3 kg)</li> <li>- Collomix stirrer WK 70 S</li> <li>- Tape VF 120 (10 m roll adhesive tape)</li> <li>- Tape VF 100 IC (4x internal corners)</li> <li>- Tape VF 75 EC (4x external corners)</li> <li>- Abrasive sponge</li> <li>- Kana® KanaClassic corner brush</li> <li>- Flat brush</li> </ul> </li> </ul>

Quantity per pallet	18
Packaging unit	1 pcs
Container code	01
Art. no.	
3137	■



System products	Art. no.
WP DKS rapid [basic]	(0423)
WP DS [basic]	(0405)
WP DS Levell	(0426)
MB ADD S	(3079)
DS Protect [basic]	(0815)
DS Protect	(0823)
Selectmix RMS	(6752)
Tex 4/100	(3880)
Tape VF 120 [eco]	(4827)

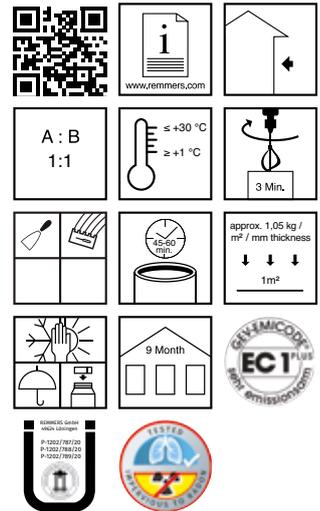


System products	Art. no.
MB 2K	(3014)
Tape VF series	

# MB TX 2K

Stable, flexible polymer-modified thick coating (FPD)

Range of use	<ul style="list-style-type: none"> <li>Concrete basements, in particular WI concrete</li> <li>Mineral substrates</li> <li>Exterior, strip-type construction joint waterproofing for structural elements made of concrete with high water penetration resistance against pressing water (water impact class W2.1-E)</li> <li>Waterproofing of new buildings according to DIN 18533 for water impact classes W1-E, W2.1-E, W3-E and W4-E</li> <li>Sheet and strip-type waterproofing acc. to DafStB WI guideline</li> <li>WTA-compliant waterproofing in existing buildings</li> <li>Bonding layer on old bitumen</li> <li>Bonding and coating of glass foam insulation panels possible</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Stable</li> <li>Can be applied to non-absorbent and weakly absorbent substrates (e.g. WI concrete) without a primer</li> <li>Optimised for filling, minimal dripping loss</li> <li>Fast drying and cross-linking after 24 hours at 5 °C and 90% RH</li> <li>Radon impermeability (verified through testing)</li> <li>Very low emissions (GEV-EMICODE EC 1<sup>Plus</sup>)</li> <li>Solvent-free</li> <li>Bitumen-free</li> <li>Water pressure-tight</li> <li>High compressive strength</li> <li>Highly flexible, ductile and crack-bridging</li> <li>Surface has early rain resistance after approx. 1.5 hrs</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.05 kg/m<sup>2</sup>/mm dry layer thickness</li> <li>Approx. 4.2 kg/m<sup>2</sup> for a 4 mm layer thickness</li> </ul>



Quantity per pallet	18
Packaging unit	25 kg Combi-container (2 × 6.25 kg powder + 2 × 6.25 kg polymer)
Container code	25
Art. no.	
3004	■

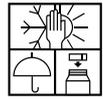
System products	Art. no.
Tex 4/100	(3880)
WP DKS rapid [basic]	(0423)
WP DS Levell	(0426)
DS Protect	(0823)
DS Protect [basic]	(0815)
Tape VF 120	(5071)
Selectmix RMS	(6752)
Remmers waterproofing slurries	

# VZ MB

Liquid retarding agent

Range of use	<ul style="list-style-type: none"> <li>Slows the setting rate</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Retarding and plasticising effect</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Max. 1.0% with MB 2K based on total quantity</li> <li>Max. 0.5% with Betofix OS 5b+ based on total quantity</li> </ul>

Quantity per pallet	240
Packaging unit	10 × 1 l
	Carton
Container code	01
Art. no.	
3005	■



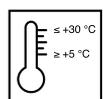
System products	Art. no.
MB 2K	(3014)

# Protect MKT 1

Adds algicidal and fungicidal action to MB 2K, dispersion paints and water-based varnishes

Range of use	<ul style="list-style-type: none"> <li>Film preserver for MB products to protect against algae and fungi, especially <i>Haematococcus pluvialis</i></li> <li>Film preserver for dispersion paints and stains to protect against mould and algae growth</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Excellent spectrum of activity against fungi, algae and yeasts</li> <li>Water-based preservative</li> <li>Long-term stability thanks to deposit effect</li> <li>Resistance against leaching and UV radiation</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Dependent on application</li> </ul>

Quantity per pallet	500
Packaging unit	100 ml
	Plastic bottle
Container code	81
Art. no.	
3024	■



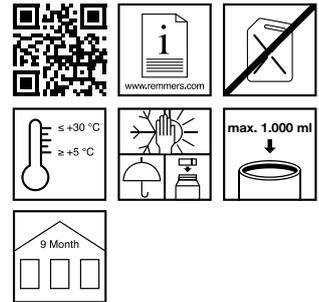
System products	Art. no.
MB 2K	(3014)
MB 1K rapid	(0851)

# MB ADD S

Additive for spray application

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

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



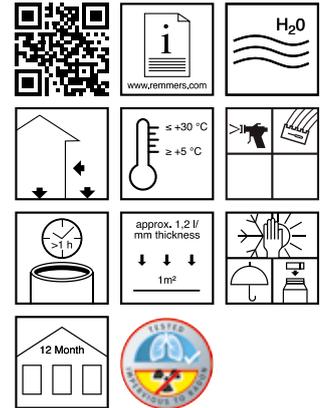
System products	Art. no.
MB 2K	(3014)
MB 2K [eco]	(2940)

# BIT K2

High-quality, crack-bridging, plastic-modified bitumen thick coating with polystyrene, 2K

Range of use	<ul style="list-style-type: none"> <li>Waterproofing with ground contact in new and old buildings</li> <li>Water impact classes W1.1-E, W1.2-E, W2.1-E, W3-E and W4-E (splashwater only) acc. to DIN 18533</li> <li>Subsequent building waterproofing acc. to WTA Leaflet 4-6</li> <li>Plinth waterproofing</li> <li>Approved for connections to water-impermeable concrete</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Solvent-free</li> <li>Water pressure-tight</li> <li>Highly flexible, ductile and crack-bridging</li> <li>AbP as per PG ÜBB available</li> <li>Radon impermeability (verified through testing)</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.2 l/m<sup>2</sup>/mm dry layer thickness</li> <li>min. 1.5 l/m<sup>2</sup> as perimeter adhesive</li> </ul>

Quantity per pallet	18
Packaging unit	30 l Plastic bucket
Container code	30
Art. no.	
020888	■



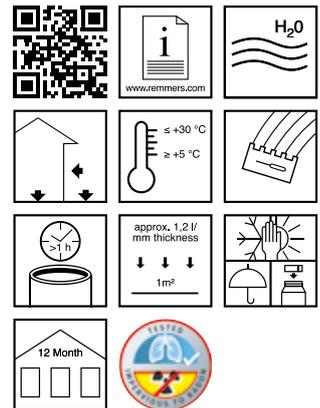
System products	Art. no.
Kiesol	(1810)
Kiesol MB	(3008)
WP DS Levell	(0426)
Tex 4.8/100	(4183)
BIT ADD S	(0869)
Remmers waterproofing slurries	

# BIT 2K [basic]

Solvent-free, plastic-modified bitumen thick coating with polystyrene, 2K

Range of use	<ul style="list-style-type: none"> <li>Waterproofing with ground contact in new and old buildings</li> <li>Water impact classes W1.1-E, W1.2-E, W2.1-E, W3-E and W4-E (splashwater only) acc. to DIN 18533</li> <li>Subsequent building waterproofing acc. to WTA Leaflet 4-6</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Solvent-free</li> <li>Water pressure-tight</li> <li>Highly flexible, ductile and crack-bridging</li> <li>Radon impermeability (verified through testing)</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.2 l/m<sup>2</sup>/mm dry layer thickness</li> <li>Approx. 3.5 - 4.5 l/m<sup>2</sup> with full-surface bonding of panels</li> <li>Min. 1.5 l/m<sup>2</sup> as perimeter adhesive for local bonding</li> </ul>

Quantity per pallet	18
Packaging unit	30 l Plastic bucket
Container code	30
Art. no.	
020871	■



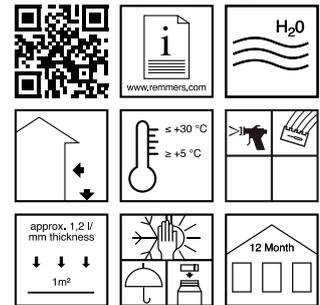
System products	Art. no.
Kiesol	(1810)
WP DS Levell	(0426)
BIT ADD S	(0869)
Kiesol MB	(3008)
Tex 4.8/100	(4183)
Remmers waterproofing slurries	

# BIT 1K [basic]

Solvent-free, plastic-modified bitumen thick coating with polystyrene, 1K

Range of use	<ul style="list-style-type: none"> <li>Waterproofing with ground contact in new and old buildings</li> <li>Water impact classes W1.1-E, W1.2-E, W2.1-E, W3-E and W4-E (splashwater only) acc. to DIN 18533</li> <li>Subsequent building waterproofing acc. to WTA Leaflet 4-6</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Solvent-free</li> <li>Water pressure-tight</li> <li>Highly flexible, ductile and crack-bridging</li> <li>Radon impermeability (verified through testing)</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.2 l/m<sup>2</sup>/mm dry layer thickness</li> </ul>

Quantity per pallet	44	18
Packaging unit	10 l	30 l
	Plastic bucket	Plastic bucket
Container code	10	30
Art. no.		
020872	■	■



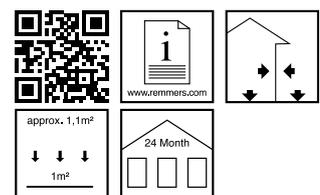
System products	Art. no.
Kiesel	(1810)
WP DS Level1	(0426)
BIT ADD S	(0869)
Kiesel MB	(3008)
Tex 4.8/100	(4183)
Remmers waterproofing slurries	

# Tex 4.8/100

Reinforcement fabric made of E-glass with polymer sheathing

Range of use	<ul style="list-style-type: none"> <li>Reinforcement inlay in Remmers PMBCs</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Rot-proof</li> <li>Alkali resistant</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.1 m<sup>2</sup>/m<sup>2</sup> Tex 4.8/100</li> </ul>

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



System products	Art. no.
Remmers PMBCs	

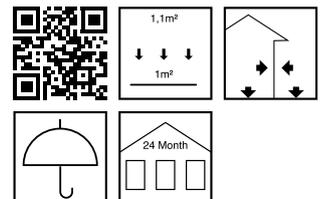
# Tex 5/100 [eco]

Reinforcement fabric made of natural fibres

Range of use	<ul style="list-style-type: none"> <li>Reinforcement inlay in MB 2K [eco]</li> <li>Compensating for movements in the substrate</li> <li>Crack repair</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Made from renewable raw materials</li> <li>Permanently elastic</li> <li>Does not slide</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.1 m<sup>2</sup>/m<sup>2</sup></li> </ul>



Quantity per pallet	30
Packaging unit	1.0 × 0.2 m Roll
Container code	01
Art. no.	4826



System products	Art. no.
MB 2K [eco]	(2940)

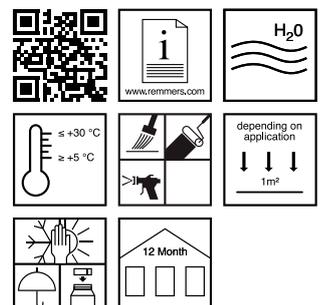
# Bit Primer [basic]

Solvent-free bitumen emulsion

Range of use	<ul style="list-style-type: none"> <li>Protective coating on concrete, masonry and render in the ground</li> <li>Primer under bituminous waterproofing (PMBCs)</li> <li>Capillary sealer</li> <li>Additive for improving mineral mortar products</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Solvent-free</li> <li>Moisture-resistant</li> <li>Resistant to heat and cold</li> <li>Water-dilutable</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Priming: min. 0.025 kg/m<sup>2</sup> (1:10 with water)</li> <li>Protection: min. 0.25 kg/m<sup>2</sup> per coat</li> <li>Additive: 30 - 50 kg/m<sup>3</sup> mortar</li> </ul>



Quantity per pallet	80	33	18
Packaging unit	5 kg	10 kg	25 kg
	Plastic bucket	Plastic bucket	Plastic bucket
Container code	05	10	25
Art. no.	020824		



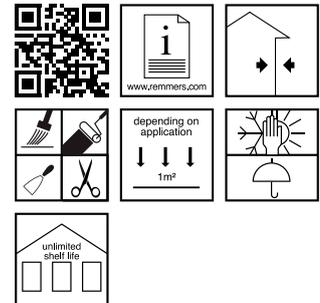
System products	Art. no.
Remmers PMBCs	

# Tape VF 120

High-quality, premium joint tape made from NBR with fabric coating

Range of use	<ul style="list-style-type: none"> <li>▪ Interiors and exteriors</li> <li>▪ Waterproofing in transitions to WI concrete structures (PG-ÜBB)</li> <li>▪ Plinth waterproofing</li> <li>▪ Composite waterproofing</li> <li>▪ Applying flexible polymer-modified thick coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Highly flexible</li> <li>▪ High stretch and resilience</li> <li>▪ Special fabric coating</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>

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 / Joint Tape VF 120	5071	■	■	
Tape VF 75 EC / External Corner VF	5073			■
Tape VF 100 IC / Internal Corner VF	5074			■
Tape VF 120 VC / Wall Gasket VF 120×120 mm	5077			■



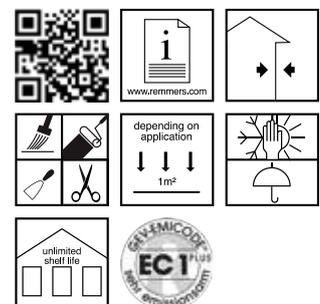
System products	Art. no.
MB 2K	(3014)
MB TX 2K	(3004)
Betofix OS 5b+	(1113)
WP Flex 1K	(0445)
MB FL 2K	(3001)

# Tape VF 120 [eco]

Premium sealing tape based on NBR rubber

Range of use	<ul style="list-style-type: none"> <li>▪ Interiors and exteriors</li> <li>▪ Waterproofing in transitions to WI concrete (PG-FBB Part 1)</li> <li>▪ Plinth waterproofing</li> <li>▪ Applying flexible polymer-modified thick coatings</li> <li>▪ On non-mineral building materials and transition areas such as plastic, metal and wood</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Highly flexible</li> <li>▪ High stretch and resilience</li> <li>▪ Special fabric coating on both sides</li> <li>▪ Thickness: 0.6 mm</li> <li>▪ Temperature resistance: -20 °C to +90 °C</li> <li>▪ Meets strict environmental and health requirements</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>

Quantity per pallet	120	240	224
Packaging unit	50 m	10 pcs	10 pcs
	Roll	Carton	Carton
Container code	01	01	01
	Art. no.		
TAPE VF 120 [eco]	4827	■	
TAPE VF 100 [eco] IC / Int. Corner	4828		■
TAPE VF 75 [eco] EC / Ext. Corner	4829		■



System products	Art. no.
MB 2K [eco]	(2940)

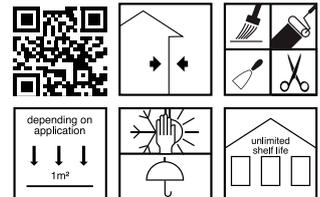
# Tape VF 250

High-quality, premium joint tape made from NBR with double-sided fabric coating

Range of use	<ul style="list-style-type: none"> <li>▪ Interiors and exteriors</li> <li>▪ Plinth waterproofing</li> <li>▪ Applying flexible polymer-modified thick coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Highly flexible</li> <li>▪ High stretch and resilience</li> <li>▪ Special fabric coating</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>



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)

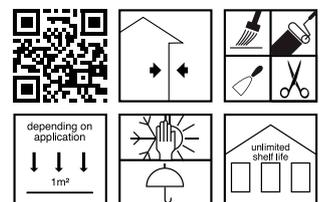
# Tape VF 500

High-quality, premium joint tape made from NBR with fabric coating

Range of use	<ul style="list-style-type: none"> <li>▪ Interiors and exteriors</li> <li>▪ Plinth waterproofing</li> <li>▪ Applying flexible polymer-modified thick coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Highly flexible</li> <li>▪ High stretch and resilience</li> <li>▪ Special fabric coating</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>



Quantity per pallet	
Packaging unit	10 m
	Roll
Container code	01
Art. no.	
Tape VF 500 / Joint Tape VF 500	5075 ■



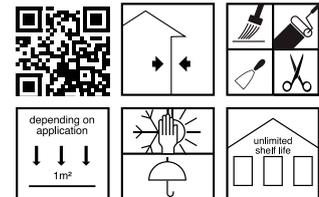
System products	Art. no.
MB 2K	(3014)
WP Flex 1K	(0445)

# Tape VF 350 HC

Sealing sleeve for pipe penetrations

Range of use	<ul style="list-style-type: none"> <li>▪ Interiors and exteriors</li> <li>▪ Waterproofing pipes and cables against non-pressing and pressing water</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Highly flexible</li> <li>▪ High stretch and resilience</li> <li>▪ Special fabric coating</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>

Quantity per pallet	550
Packaging unit	5 pcs Carton
Container code	01
Art. no.	
blue	4804



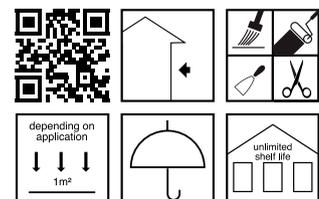
System products	Art. no.
MB 2K	(3014)
WP Flex 1K	(0445)
Remmers PMBCs	

# Tape VF 250 EC large

High-quality, premium joint tape made from NBR with double-sided fabric coating

Range of use	<ul style="list-style-type: none"> <li>▪ Exteriors</li> <li>▪ Waterproofing floor-to-ceiling elements</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Highly flexible</li> <li>▪ High stretch and resilience</li> <li>▪ Special fabric coating</li> <li>▪ Alkali resistant</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>

Quantity per pallet	220
Packaging unit	2 pcs Carton
Container code	01
Art. no.	
blue	4802

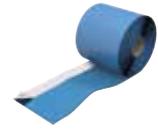


System products	Art. no.
MB 2K	(3014)
WP Flex 1K	(0445)

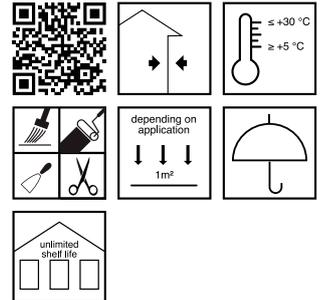
# Tape VF 250 XA

High-quality, fabric-coated premium joint tape made from NBR with 30 mm self-adhesive strips

Range of use	<ul style="list-style-type: none"> <li>▪ Interiors and exteriors</li> <li>▪ Applying flexible polymer-modified thick coatings</li> <li>▪ Plinth waterproofing</li> <li>▪ Composite waterproofing</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Flexible</li> <li>▪ 30 mm self-adhesive strips with high adhesive strength</li> <li>▪ Special fabric coating</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>



Quantity per pallet	600
Packaging unit	25 m
	Roll
Container code	01
Art. no.	
4803	■



System products	Art. no.
MB 2K	(3014)
WP Flex 1K	(0445)
Remmers PMBCs	

# Tape F

Fabric reinforcement tape for 1K versatile building waterproofing

Range of use	<ul style="list-style-type: none"> <li>▪ Fabric for reinforcing MB 1K rapid at material transitions</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Surface weight approx. 110 g/m<sup>2</sup></li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>



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		■

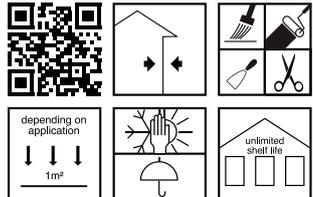


System products	Art. no.
MB 1K rapid	(0851)

# Tape XA 100/XA 250

Fabric-coated, self-adhesive butyl sealing tape

Range of use	<ul style="list-style-type: none"> <li>▪ Interiors and exteriors</li> <li>▪ Applying MB 2K, MB TX 2K, Betofix OS 5b+, PMBCs and flexible, mineral waterproofing slurries to non-mineral building materials and transition areas such as plastic, metal and wood</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Flexible</li> <li>▪ High adhesive strength</li> <li>▪ Special fabric coating</li> <li>▪ Water tight</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>



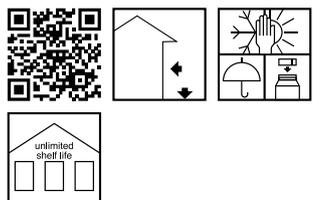
Quantity per pallet	105	120
Packaging unit	Roll 10 m, 25 cm wide Carton	Roll 25 m, 10 cm wide Carton
Container code	01	01
	Art. no.	
Tape XA 250	5003	■
Tape XA 100	5017	■

System products	Art. no.
MB 2K	(3014)
WP Flex 1K	(0445)
Remmers PMBCs	

# Tape B 240 E / Tape B 240

Water stop for waterproofing building dividing joints

Range of use	<ul style="list-style-type: none"> <li>▪ Exteriors</li> <li>▪ Waterproofing building expansion joints</li> <li>▪ Waterproofing construction and predetermined cracking joints</li> <li>▪ Embedding in MB 2K</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Flexible</li> <li>▪ Permanent waterproofing</li> <li>▪ Compatible with bitumen</li> <li>▪ Resistant to cold</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ As needed</li> </ul>



		Quantity per pallet	980
		Packaging unit	7 m Roll
		Container code	01
		Art. no.	
Tape B 240 E	7 m x 240 mm (with end pieces)	4806	■
Tape B 240	30 m x 240 mm	4813	■

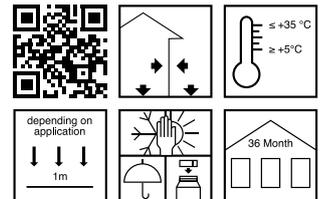
System products	Art. no.
MB 2K	(3014)

# EB Tape 20

Expanding bentonite joint tape

Range of use	<ul style="list-style-type: none"> <li>Interior waterproofing of construction joints in concrete and reinforced concrete construction</li> <li>Waterproofing up to 5 bar</li> <li>Wall and floor joints</li> <li>Waterproofing pipe penetrations</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Swelling capable</li> <li>Flexible</li> <li>Reversible swelling behaviour</li> <li>Easy to fix in place using grating</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>As needed</li> </ul>

Quantity per pallet	600	1440
Packaging unit	20 m	20 m (20 × 1 m)
	Carton	Carton
Container code	01	01
	Art. no.	
EB Tape 20	4591	■
Grating	4592	■



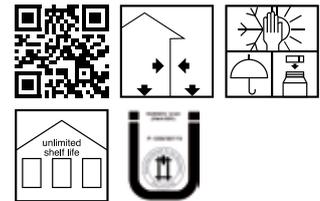
# IH Set 30

Injection hose system 30 m for producing watertight building joints

Range of use	<ul style="list-style-type: none"> <li>Sealing of construction joints in concrete structures for imperviousness to pressing water with general building inspectorate test certificate (AbP) in conjunction with IR PUR 2K 150</li> <li>Additional waterproofing of water stops or joint strips</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Single-walled, perforated injection hose made from PVC (3 × 10 m)</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>See the Technical Data Sheet for the injection resin used</li> </ul>

Quantity per pallet	1080
Packaging unit	3 × 10 m Set in box
Container code	01
Art. no.	
6874	■

Set contains: 3 × 10 m injection hose; 180 x clamps with hole; 6 x formwork packers (3 x red, 3 x white) incl. cone-head nipple (M8); 6 x grouting and venting ends; 6 x sealing caps; 6 x cone-head screw incl. cone-head nipple (M6)



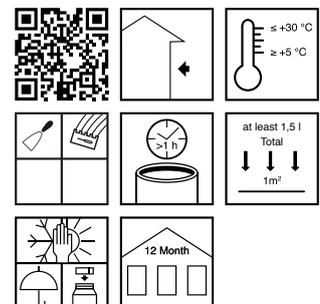
System products	Art. no.
IR PUR 2K 150	(6871)

# BIT 2K Fix [basic]

Solvent-free, bituminous insulating board adhesive, 2K

Range of use	<ul style="list-style-type: none"> <li>Adhesive for insulating boards on mineral and bituminous substrates</li> <li>Adhesive for bonding insulating boards together</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Solvent-free</li> <li>High adhesive strength</li> <li>Resistant to concrete-damaging water (DIN 4030 XA3)</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Min. 1.5 l/m<sup>2</sup></li> </ul>

Quantity per pallet	18
Packaging unit	30 l Plastic bucket
Container code	30
Art. no.	
020878	■



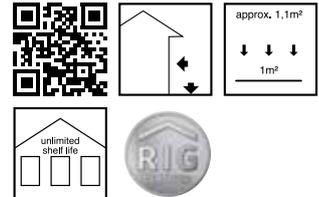
System products	Art. no.
MB 2K	(3014)
DS Protect	(0823)
Kiesol MB	(3008)
Remmers PMBCs	

# DS Protect

Highly durable, 3-layer protective sheet with decoupling function

Range of use	<ul style="list-style-type: none"> <li>Protection for waterproofing with ground contact in new &amp; old builds</li> <li>Protective layer according to DIN 18533</li> <li>Protective layer according to WTA Code of Practice 4 - 6</li> <li>Vertical drain element according to DIN 4095</li> <li>Horizontal drain element in multi-storey and underground car parks</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>High compressive strength</li> <li>Good water drainage</li> <li>Resistant to rot</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.1 m<sup>2</sup>/m<sup>2</sup></li> </ul>

Quantity per pallet	240	150
Packaging unit	2 m x 20 m = 40 m <sup>2</sup>	2 m x 12.5 m = 25 m <sup>2</sup>
	Roll	Roll
Container code	01	25
Art. no.		
0823	■	■



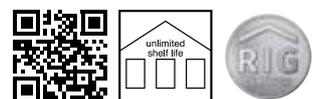
System products	Art. no.
DS Protect AL	(0819)
MB 2K	(3014)
DS Protect Clip	(0818)
Remmers PMBCs	
Remmers waterproofing slurries	

# DS Protect Clip

Holder for DS Protect and DS Protect AL

Range of use	<ul style="list-style-type: none"> <li>Fastening and assembly aid for DS Protect</li> <li>Holder for DS Protect AL</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Self-sealing in connection areas</li> <li>Flexible</li> <li>UV and temperature resistant</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 4 pcs/m</li> </ul>

Quantity per pallet	80
Packaging unit	50 pcs
	Bag
Container code	01
Art. no.	
0818	■



System products	Art. no.
DS Protect	(0823)
DS Protect AL	(0819)

# DS Protect AL

Finishing strip for DS Protect

Range of use	<ul style="list-style-type: none"> <li>▪ Decorative connector for DS system protection</li> <li>▪ Protects the drain level of DS Protect</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Flexible</li> <li>▪ UV and temperature resistant</li> </ul>
Quantity per pallet	6000
Packaging unit	2 m
Container code	01
Art. no.	
0819	■



System products	Art. no.
DS Protect	(0823)
DS Protect [basic]	(0815)
DS Protect Clip	(0818)
DS Protect Clip [basic]	(0816)

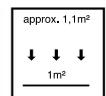
# DS Protect [basic]

3-layer protective system made of recycled PET

Range of use	<ul style="list-style-type: none"> <li>▪ Protects waterproofing with ground contact in new and old buildings</li> <li>▪ Protective layer according to DIN 18533</li> <li>▪ Protective layer according to WTA Code of Practice 4 - 6</li> <li>▪ Vertical drain element according to DIN 4095</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Recycled PET</li> <li>▪ Good water drainage</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ Approx. 1.1 m<sup>2</sup>/m<sup>2</sup></li> </ul>



Quantity per pallet	105
Packaging unit	1.25 m x 14 m = 17.5 m <sup>2</sup>
	Roll
Container code	01
Art. no.	
0815	■



System products	Art. no.
DS Protect AL	(0819)
DS Protect Clip [basic]	(0816)

# DS Protect Clip [basic]

Holder for DS Protect [basic] and DS Protect AL

Range of use	<ul style="list-style-type: none"> <li>Fastening and assembly aid for DS Protect [basic]</li> <li>Holder for DS Protect AL</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Flexible</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 4 pcs/m</li> </ul>
Quantity per pallet	50
Packaging unit	50 pcs Carton
Container code	01
Art. no.	
0816	■



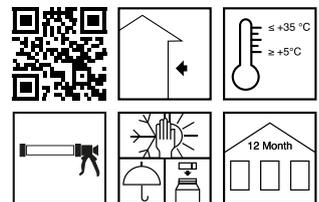
System products	Art. no.
DS Protect [basic]	(0815)
DS Protect AL	(0819)

# Pipe Flange

Special flange + adhesive for waterproofing pipe penetrations

Range of use	<ul style="list-style-type: none"> <li>Waterproofing pipe penetrations in conjunction with Remmers PMBC and MB 2K</li> <li>Water impact classes W1.1-E, W1.2-E, W2.1-E, W3-E and W4-E acc. to DIN 18533</li> <li>Subsequent building waterproofing acc. to WTA Leaflet 4-6</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Water pressure-tight</li> <li>UV and temperature resistant</li> <li>Resistant to salt water</li> <li>Free from isocyanate, silicone and halogens</li> <li>Solvent-free</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>As needed</li> </ul>

Quantity per pallet		100	100	100	100	60	60	36
Packaging unit		Ø 8-27	Ø 28-44	Ø 45-64	Ø 65-86	Ø 87-110	Ø 111-125	Ø 135-161
		Unit	Unit	Unit	Unit	Unit	Unit	Unit
Container code		01	02	03	04	01	01	02
Art. no.								
Custom size Ø < 87 mm	4349	■	■	■	■			
Standard article Ø 87-110 mm	4350					■		
Custom size Ø > 110 mm	4351						■	■



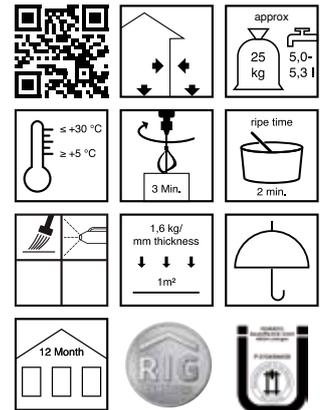
System products	Art. no.
MB 2K	(3014)
Remmers PMBCs	

# WP DS [basic]

Rigid mineral waterproofing slurry for new buildings

Range of use	<ul style="list-style-type: none"> <li>Waterproofing of vessels against water pressing from the inside</li> <li>Protects waterproofing with ground contact against backfacing water</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Water pressure-tight</li> <li>Excellent adhesion to the substrate</li> <li>Water vapour diffusion open</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.6 kg/m<sup>2</sup>/mm layer thickness</li> </ul>

Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
grey	0405 ■



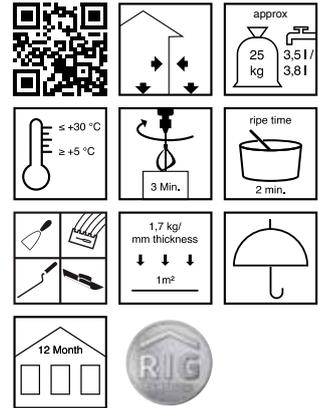
System products	Art. no.
Kiesol	(1810)
SP Prep	(0400)
MB 2K	(3014)
Kiesol MB	(3008)
WP DS Level1	(0426)
Remmers PMBCs	

# WP DS Levell

Waterproofing filler with high sulphate resistance

Range of use	<ul style="list-style-type: none"> <li>Water-tight repair of defective areas</li> <li>Joint and surface filler</li> <li>For producing angle fillets</li> <li>Levelling underneath waterproofing</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Low-stress and sets without cracking</li> <li>Excellent adhesion to the substrate</li> <li>Single layer thickness up to 50 mm</li> <li>High sulphate resistance and low effective alkali content (SR/NA)</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.7 kg/m<sup>2</sup>/mm layer thickness</li> <li>Approx. 1.7 kg/m as angle fillet</li> </ul>

Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
grey	0426 ■

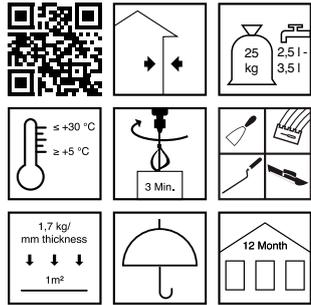


System products	Art. no.
Kiesol	(1810)
SP Prep	(0400)
MB 2K	(3014)
Kiesol MB	(3008)
Remmers waterproofing slurries	
Remmers PMBCs	

# WP DKS rapid [basic]

Quick-setting waterproofing filler

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



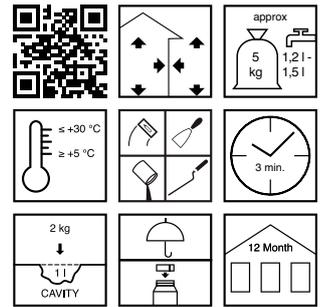
Quantity per pallet	42
Packaging unit	25 kg PE bag
Container code	25
Art. no.	
grey	0423 ■

System products	Art. no.
MB 2K	(3014)
MB TX 2K	(3004)
Kiesol MB	(3008)
Kiesol	(1810)
Remmers PMBCs	
Remmers waterproofing slurries	

# CEM rapid

Chloride-free quick-drying cement for universal use

Range of use	<ul style="list-style-type: none"> <li>▪ Rapid assembly mortar for add-on parts</li> <li>▪ Rapid repair of leaking areas, seepage areas and water intrusions</li> <li>▪ Pouring out from open and closed moulds</li> <li>▪ Accelerator for normal mortars</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Very high early and final strength</li> <li>▪ Reacts within minutes (5 minutes)</li> <li>▪ Water impermeable</li> <li>▪ Resistant to frost/de-icing salts</li> <li>▪ Can be mixed with cements acc. to DIN EN 197-1</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ Approx. 2.0 kg/l void</li> </ul> <p>Mixing ratio by use:</p> <p><b>Fast assembly/fixing anchoring:</b> approx. 3 parts CEM rapid to 1 part water</p> <p><b>Sealing leaking/seepage areas:</b> approx. 3 parts CEM rapid to 1 part water</p> <p><b>Producing moulds:</b> approx. 2 parts CEM rapid to 1 part water Fast-setting additive: approx. 10 - 20% by weight CEM rapid</p>

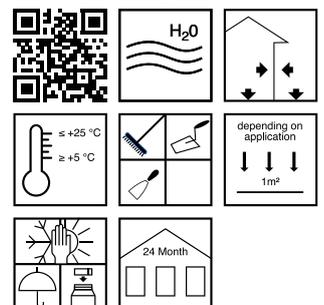


Quantity per pallet	64	32
Packaging unit	5 kg	15 kg (3 × 5 kg)
	Plastic bucket	Plastic bucket
Container code	05	15
Art. no.		
grey	2834	■

# ZM HF [basic]

Mortar improver based on an aqueous polymer dispersion

Range of use	<ul style="list-style-type: none"> <li>▪ Producing bonding slurries, bonding, patch-up &amp; repair mortars</li> <li>▪ Improving screeds, renders and patch-up layers</li> <li>▪ Primer for concrete, cement and anhydrite screeds</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>▪ Improves adhesive bonding</li> <li>▪ Increases compressive strength</li> <li>▪ Increases flexural strength</li> <li>▪ Resistant to saponification</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>▪ For bonding layers, slurries: Approx. 0.1 - 0.2 kg/m<sup>2</sup></li> <li>▪ For bonding mortar: Approx. 1.0 kg on 1 - 2 m<sup>2</sup> depending on layer thickness</li> </ul>



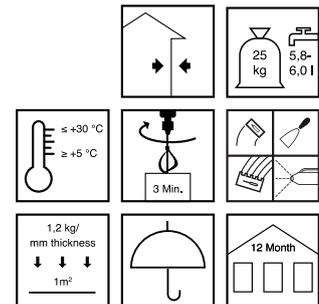
Quantity per pallet	360	126	50
Packaging unit	1 kg	5 kg	10 kg
	Tin canister	Tin canister	Tin canister
Container code	01	05	10
Art. no.			
0220	■	■	■

<b>System products</b>
Remmers restoration mortars
Remmers grouts
Remmers waterproofing slurries
Remmers mineral plasters

# VM Fill

Universal adhesive and reinforcement mortar

Range of use	<ul style="list-style-type: none"> <li>Adhesive and reinforcement mortar</li> <li>Repairing cracked render and WDVS facades</li> <li>Wall base render</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Repels water</li> <li>Water vapour permeable</li> <li>Good adhesion properties</li> <li>Resistant to water, weather and frost</li> <li>Machine-workable</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.2 kg/m<sup>2</sup>/mm layer thickness</li> </ul>
Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
antique white	0517 ■

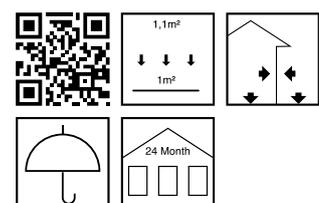


System products	Art. no.
VM Fill rapid	(0519)
Color SH	(0630)
Color Flex	(2976)
Tex 4/100	(3880)
Color PA	(6500)
Color LA	(6400)

# Tex 4/100

Reinforcement fabric made of E-glass with polymer sheathing

Range of use	<ul style="list-style-type: none"> <li>Compensating for movements in the substrate</li> <li>Repairing cracks</li> <li>Bonded thermal insulation systems</li> <li>Reinforcement of iQ M universal and SL Fill Q3</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Permanently elastic</li> <li>Rot-proof</li> <li>Alkali resistant</li> <li>Does not slide</li> <li>W: 1 m / L: 50 m</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>Approx. 1.1 m<sup>2</sup>/m<sup>2</sup></li> </ul>
Quantity per pallet	1650
Packaging unit	50 m Roll
Container code	01
Art. no.	
3880	■

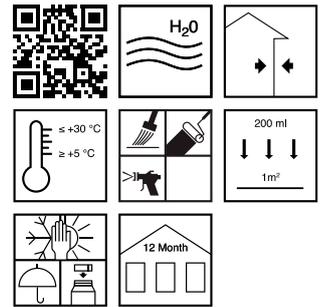


System products	Art. no.
VM Fill	(0517)
iQ Top SLS	(0230)
MB TX 2K	(3004)

# Color PA

High-quality, pure acrylate facade paint

Range of use	<ul style="list-style-type: none"> <li>■ Facades and concrete surfaces</li> <li>■ Surface protection systems for concrete as per DIN EN 1504/DIN V 18026</li> </ul> <p><b>Remmers OS-B / OS 2 system:</b> Primer Hydro HF + Color PA</p> <p><b>Remmers OS-C / OS 4-System:</b> Color PA Fill + Color PA</p> <p><b>Remmers OS-C / OS 4-System:</b> Betofix Fill + Color PA</p>
Property profile	<ul style="list-style-type: none"> <li>■ Carbonation inhibiting <math>s_d \text{ CO}_2 \geq 252 \text{ m}</math></li> <li>■ Highly water-repellent <math>w \leq 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}0^5)</math></li> <li>■ Water vapour permeable <math>S_d &lt; 0.3 \text{ m}</math></li> <li>■ Weather-resistant</li> <li>■ Excellent hiding power</li> <li>■ Colourfast</li> <li>■ BAST-listed</li> <li>■ Tested according to DIN EN 1504-2</li> </ul>
Application rate	<ul style="list-style-type: none"> <li>■ Approx. 200 ml/m<sup>2</sup> per coat depending on the substrate properties</li> </ul>



Quantity per pallet	48	32
Packaging unit	5 l	12.5 l
	Plastic bucket	Plastic bucket
Container code	05	13
	Art. no.	
white	6500	■
colour collection	6530	■
special colours*	6529	■
*Only available upon consultation - intense colours not possible		

System products	Art. no.
Primer H	(0642)
Color PA Fill	(6490)
Betofix Fill	(1008)
Primer HF	(6438)

# Collomix stirrer AR

Range of use	<ul style="list-style-type: none"> <li>Mixing 2K bituminous thick coatings (PMBC)</li> <li>Mixing 2-component products and synthetic resin mortar</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Strong suction effect prevents clumping</li> <li>Quick and easy cleaning</li> <li>Easy to remove material from container base and edges</li> <li>Connection for stirrer S: Drill</li> <li>Connection for stirrer HF: HEXAFIX®</li> <li><b>Mixing quantity:</b> <ul style="list-style-type: none"> <li>AR 90 S: 5 - 15 litres</li> <li>AR 170 HF: 20 - 40 litres</li> </ul> </li> </ul>

Packaging unit	1 pcs	
Container code	01	
Art. no.		
AR 90 S	4291	■
AR 170 HF	4247	■



System products
PMBC
Crack-bridging MDS
Synthetic resin mortar

# Collomix® stirrer KR

Range of use	<ul style="list-style-type: none"> <li>For mixing viscous materials and materials with a tendency to clump</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Quick and easy cleaning</li> <li>Easy to remove material from container base and edges</li> <li>High shearing forces</li> <li><b>Mixing quantity:</b> <ul style="list-style-type: none"> <li>KR 120 HF: 15 - 25 litres</li> <li>KR 140 HF: 25 - 35 litres</li> <li>KR 160 HF: 35 - 50 litres</li> </ul> </li> <li>Connection for stirrer HF: HEXAFIX®</li> </ul>

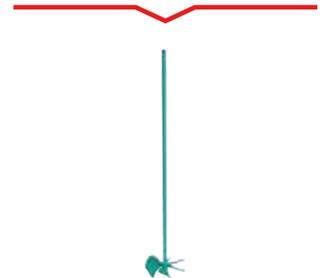
Packaging unit	1 pcs	
Container code	01	
Art. no.		
KR 120 HF	4292	■
KR 140 HF	4294	■
KR 160 HF	4295	■



System products
Mineral waterproofing slurries (MDS)
Surface fillers and fine plasters
Floor levelling compounds
Tile cements and grouts

# Collomix® stirrer LX

Range of use	<ul style="list-style-type: none"> <li>Mixing low-viscosity, liquid and flowable materials</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>High flow in the material</li> <li>Optimum mixing in minimal time</li> <li><b>Mixing quantity:</b> <ul style="list-style-type: none"> <li>LX 90 S: 5 - 15 litres</li> <li>LX 120 HF: 15 - 25 litres</li> </ul> </li> <li>Connection for stirrer S: Drill</li> <li>Connection for stirrer HF: HEXAFIX®</li> </ul>



Packaging unit	1 pcs	
Container code	01	
Art. no.		
LX 90 S	4297	■
LX 120 HF	4296	■



## System products

Reaction resins  
Floor coatings  
Colours

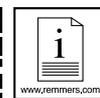
# Collomix stirrer DLX 152 HF

Stirrer for liquid and flowable materials

Range of use	<ul style="list-style-type: none"> <li>Mixing liquid and flowable materials</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Intensive material mixing</li> <li>Two vertically arranged turbine blades</li> <li><b>Mixing quantity:</b> <ul style="list-style-type: none"> <li>DLX 120 HF: 15 - 30 litres</li> <li>DLX 152 HF: 30 - 50 litres</li> </ul> </li> <li>Diameter: approx. 150 mm</li> <li>Connector: HEXAFIX®</li> </ul>



Packaging unit	1 pcs	
Container code	01	
	<b>Art. no.</b>	
DLX 120 HF	4298	■
DLX 152 HF	4286	■



## System products

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

# HEXAFIX® adapter

for Collomix stirrer DLX 152 HF

Range of use	<ul style="list-style-type: none"><li>▪ Connecting a HEXAFIX® stirrer HF to a handheld mixer with M14 thread</li></ul>
Property profile	<ul style="list-style-type: none"><li>▪ External thread M14</li></ul>
Packaging unit	1 pcs
Container code	01
<b>Art. no.</b>	
4283	■



System products	Art. no.
Collomix stirrer	

# Remmers Quirlex

Cleaning bucket

Range of use	<ul style="list-style-type: none"><li>▪ Easy cleaning of stirrers for electric mixers</li><li>▪ <b>Note:</b> The top ring of brushes should be covered with approx. 1 - 2 cm of water.</li></ul>
Property profile	<ul style="list-style-type: none"><li>▪ For stirrers up to max. Ø 220 mm</li><li>▪ Cover, inner and outer bucket can be separated for cleaning</li><li>▪ Quick and efficient removal of material residue</li><li>▪ Filling volume: 30 l</li></ul>
Packaging unit	1 pcs
Container code	01
<b>Art. no.</b>	
4282	■



System products	Art. no.
Stirrer	

# Scoop

for PMBC

Range of use	■ For applying liquid waterproofing materials
Property profile	■ Stable design ■ Material: Aluminium
Packaging unit	1 pcs
Container code	01
Art. no.	
4103	■



System products	Art. no.
MB 2K	(3014)
Crack-bridging MDS	
PMBC	

# Layer thickness trowel

Range of use	■ Even application of liquid-applied materials in a defined wet layer thickness
Property profile	■ Material: Stainless steel ■ Rust-free

Packaging unit	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	

# Product overview

BIT 1K [basic]	58	Tape B 240 E / Tape B 240	64
BIT 2K [basic]	57	Tape F-120	63
BIT 2K Fix [basic]	68	Tape F-IC	63
BIT ADD S	59	Tape F-EC	63
BIT K2	56	Tape VF 120	60
BIT Primer [basic]	59	Tape VF 120 [eco]	60
CEM rapid	74	Tape VF 120 [eco] EC	60
Collomix stirrer AR	76	Tape VF 120 [eco] IC	60
Collomix stirrer DLX 152 HF	77	Tape VF 250	61
Collomix® stirrer KR	76	Tape VF 250 EC large	62
Collomix® stirrer LX	77	Tape VF 250 XA	63
Color PA	75	Tape VF 350 HC	62
DS Protect	67	Tape VF 500	61
DS Protect AL	98	Tape XA 100/XA 250	64
DS Protect Clip	67	Tex 4/100	76
DS Protect Clip [basic]	69	Tex 4.8/100	58
DS Protect [basic]	78	Tex 5/100 [eco]	59
EB Tape 20	65	VM Fill	74
HEXAFIX® adapter	78	VZ MB	54
IH Set 30	68	WP DKS rapid [basic]	72
Kiesol MB	48	WP DS Levell	71
Layer thickness trowel	79	WP DS [basic]	70
MB 1K rapid	49	ZM HF [basic]	73
MB 1K S	50		
MB 2K	51		
MB 2K [eco]	52		
MB 2K Window Kit	52		
MB ADD S	55		
MB TX 2K	53		
Pipe flange	69		
Protect MKT 1	54		
Remmers Quirlex	78		
Scoop	79		



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We drive tomorrow's products and services forward. And strive for sustainable development. Because we know from over 70 years of experience: Progress comes from getting things done, success comes from getting things done, the future comes from getting things done.

What can we get done for you?  
Don't hesitate to get in touch.



**“Never stop  
starting and  
never start  
stopping.”**

Guiding principle of  
Bernhard Remmers,  
founder

Remmers is one of the leading specialists for construction chemicals, wood paints and coatings, and industrial coatings. Founded in 1949 by Bernhard Remmers, we are an independent and owner-managed family business to this day. Our head office is located in the German town of Lönigen in the Lower Saxony region – this is where we have our roots. At the same time, we have an international presence with 18 subsidiaries.



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