

What do you want to get done?

Waterproof and Dry - Existing Basements

All-round solutions

Digital brochures





Waterproofing solutions for existing buildings

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Basement waterproofing with Remmers

Competent. Reliable. Innovative.

Moisture is the culprit behind almost all types of building damage. For this reason, the usability and lifespan of a building depends heavily on how well it is waterproofed. This applies to roofs, facades, plinth areas and basements. Over time, moisture in basement walls can lead to considerable damage. Not only does it destroy the building materials themselves, it also provides the ideal environment for harmful fungi or microorganisms to flourish.

For this reason, dry and damp-proof walls are an essential requirement for an intact building. The Remmers Group has a more broadly established portfolio than virtually any other company. For more than 75 years, countless customers worldwide have benefited from the synergies of our systems, expertise and experience.

The effectiveness and durability of building waterproofing depends on how well it is planned and



executed. The current version of DIN 18533, parts 1 to 3, governs the waterproofing of building elements with ground contact for new buildings in Germany. Some of the procedures in this standard can also be applied to refurbishment and restoration. However, many building waterproofing procedures that are already widely used cannot be planned in line with this standard.

To close this gap and create a regulatory framework for tried-and-tested waterproofing methods, the WTA (German scientific and technical consortium for building and monument preservation) has created Leaflet 4-6, which contains specifications for the subsequent waterproofing of building elements with ground contact. This leaflet describes the restoration process, from assessing the existing building through to planning and execution of the waterproofing. The guidelines from Deutsche Bauchemie (German Association of Construction Chemicals Manufactures) for planning and executing waterproofing with polymer-modified thick bitumen coatings (PMBC guideline), polymer-modified thick coatings (FPD guideline) and mineral waterproofing slurries (MDS guideline) can also help with planning. As a supplement to DIN 18533, this guideline provides planners and workers with detailed information on handling PMBCs, FPDs and MDSs.



**Additional WTA
(Scientific Technical Consortium)
leaflets for basement refurbishment**

- 2-9 Refurbishment plaster systems
- 4-5 Masonry diagnostics
- 4-6 Subsequent waterproofing of materials with ground contact
- 4-9 Waterproofing and repairing building and component bases
- 4-10 Injections with certified injection materials for preventing capillary moisture transport
- 4-11 Measuring the moisture level of mineral materials



Planning and selecting the type of waterproofing

Subsequent building waterproofing must be planned. As a fundamental rule, the relevant building regulations on the suitability of waterproofing materials must be observed.

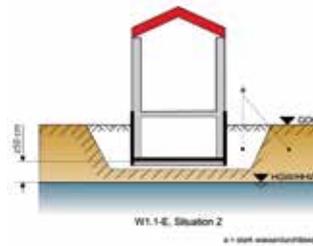
Planning work must be implemented and documented based on preliminary investigations in accordance with WTA Leaflet 4-6. Meanwhile, DIN 18533 is used as the basis for determining the water impact and the use or change in use of the space in accordance with the applicable energy-saving regulations, as well as the suitability of the waterproofing materials, the crack class and room usage class and the type of construction. Changes to the load profile as a result of the construction measures themselves must also be considered.

The proper functioning and reliability of building waterproofing can only be guaranteed if the waterproofing system selected has adequate resistance against external influences. Part 1 of DIN 18533 classifies the key impacts on a waterproofing system with ground contact.

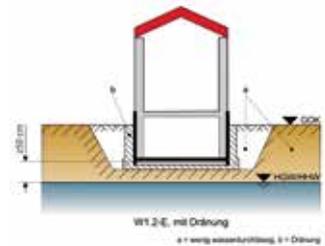
The principles of choosing a waterproofing type

Water impact classes (Wx-E)

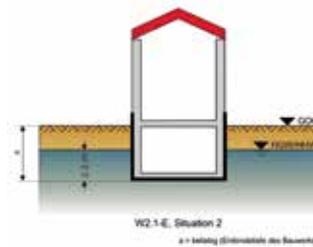
Water can have an impact on a waterproofing system with ground contact in the form of capillary water, non-pressing water or pressing water. When determining the water impact class (Wx-E), the highest assumed water level, the terrain and the type of soil are critical. When determining the permeability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



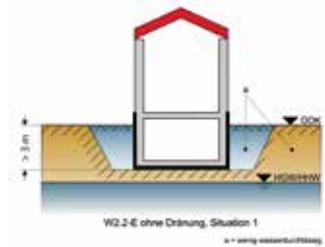
W1.1-E
Ground moisture and non-pressing water on floor slabs and walls with ground contact



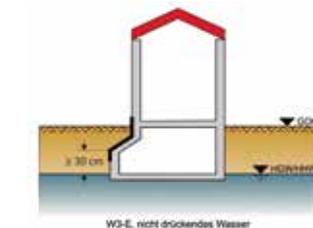
W1.2-E
Ground moisture and non-pressing water on floor slabs and walls in contact with the ground with drainage



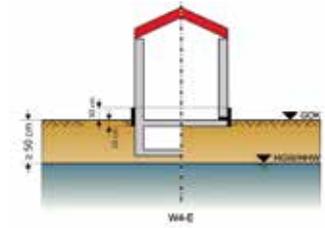
W2.1-E
Moderate impact of pressing water, ≤ 3 m immersion depth



W2.2-E
High impact of pressing water, > 3 m immersion depth



W3-E
Non-pressing water on earth-covered slabs



W4-E
Splashing water and ground moisture at the plinth and 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. For existing

buildings, non-crack-bridging waterproofing materials of class R0-E, such as mineral waterproofing slurries and water-impermeable render systems, have also proven useful on solid building elements

Crack formation / width changes	Crack class Rx-E	Components without static verification of the crack width limitation	Assignment of risk classes to water impact classes (Wx-E)
No crack formation or change in crack width or new crack formation	R0-E	<ul style="list-style-type: none"> ▪ Solid masonry or concrete element in existing building without static, dynamic or thermal crack-causing effect 	
≤ 0.2 mm	R1-E (low)	<ul style="list-style-type: none"> ▪ Substrates for cross-sectional waterproofing ▪ Reinforced concrete without significant constraint and bending action ▪ Masonry in building base 	W1-E + W4-E
≤ 0.5 mm	R2-E (moderate)	<ul style="list-style-type: none"> ▪ Enclosed joints on flat components (e.g. prefabricated elements) ▪ Unreinforced concrete ▪ Reinforced concrete with significant constraint, tensile or bending action ▪ Masonry with ground contact ▪ Joints at material transitions 	W1-E + W4-E
≤ 1.0 mm with ≤ 0.5 mm crack offset	R3-E (high)	<ul style="list-style-type: none"> ▪ Joints on waterproofing backings ▪ Wall contact joints in the ground 	W2.1-E + W3-E
≤ 5.0 mm with ≤ 2.0 mm crack offset	R4-E (very high)	<ul style="list-style-type: none"> ▪ Any components with ground contact that are subject to environmental influences such as vibrations or earthquakes 	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 production hall or warehouse
RN2-E	Normal requirements	Recreation or living rooms, storage areas for moisture-sensitive goods (normal basement use in residential and commercial buildings)
RN3-E	High requirements	Storage of irreplaceable or high-value goods, computer rooms

Waterproofing areas with ground contact – with the Remmers International Guarantee

RIG – 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. 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.



RIG systems and partnerships

It is not just the 10 years warranty that makes the RIG special, but also – and most importantly – the standardised and simple RIG systems that are designed to work with in all kind of situations in basements without exception. Remmers only offers an exclusive circle of specialist firms the opportunity to certify for the Remmers International Guarantee, because perfect execution of the systems is an essential requirement.





What are the benefits of the RIG?

Greater sense of security for workers, architects and developers

Benefits for workers:

- ✓ Strong unique selling point for securing orders
- ✓ Full adoption of the warranty responsibilities for a further 5 or 6 years after expiration of the statutory warranty period
- ✓ Boosted expertise thanks to high-quality training materials from Remmers
- ✓ Qualified advice and support from a personal contact
- ✓ Visible proof of expertise through the use of the RIG quality seal
- ✓ The use of professional marketing and promotional materials

The primary focus at Remmers is always the premium quality of its product and system solutions. And because we are so sure of this, we are happy to pay this sense of security forward: with the Remmers International Guarantee.

The RIG is our personal seal of quality for the perfect planning and implementation of skilled craftsmanship. Workers, architects, planners and developers all benefit from the exclusive advantages of the RIG in equal measure.

Benefits for architects and planners:

- ✓ Planning security thanks to extensively tested product systems
- ✓ Verifiable quality thanks to precise records of the work completed
- ✓ Expert advice from Remmers specialists and RIG-certified firms
- ✓ Low risk of complaints

Benefits for developers:

- ✓ 10-year warranty instead of the statutory 5-year period
- ✓ Reliable quality of work thanks to certified and specially trained RIG firms
- ✓ Documented assurance of quality without unexpected additional costs

EXPERTISE FROM THE BASEMENT TO THE ROOF



The versatile building waterproofing

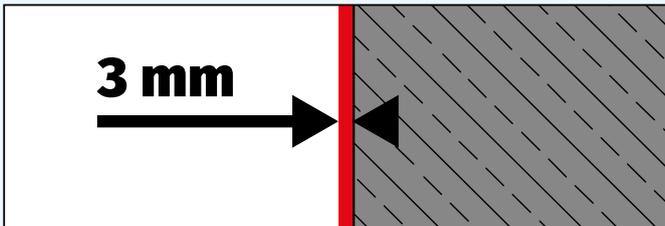
Spray, trowel or slurry

The versatile capabilities of Remmers MB 2K shine through even during application. If you want to apply the product manually, you can use a trowel, apply it as a slurry, or even use a roller. For machine application, you can choose between sprayers with air supply or without (airless).

Application as a slurry is recommended for difficult-to-reach transition areas and small spaces, such as wall positioning areas or along plinths. On larger surfaces, we recommend applying by spreading with a trowel or spraying. With low dripping losses and high stability, the material is exceptionally efficient.

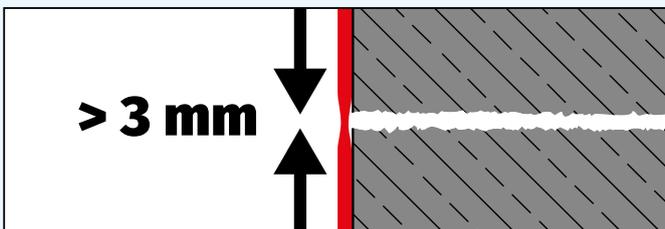


The 3 x 3 of perfect building waterproofing



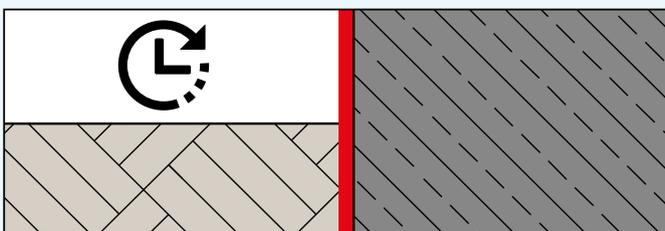
Layer thickness only 3 mm up to 3 m immersion depth without reinforcement

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



Tested crack bridging of more than 3 mm without reinforcement

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



Can be filled up after 9 hours¹, always set after 18 hours, depending on the layer thickness²

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.

¹ 2 mm layer thickness in standard climate (23°C/50% RH)

² 2 mm layer thickness in refrigerated climate (5°C/90% RH)



Tried and tested!

The new MB 2K offers fully tested safety to the highest level. No matter where you use this waterproofing product, we have the appropriate test certificates and proof of usability. Scan the QR code to see an overview of test certificates and other related documents.



Exterior basement waterproofing

Efficient protection against external water impacts

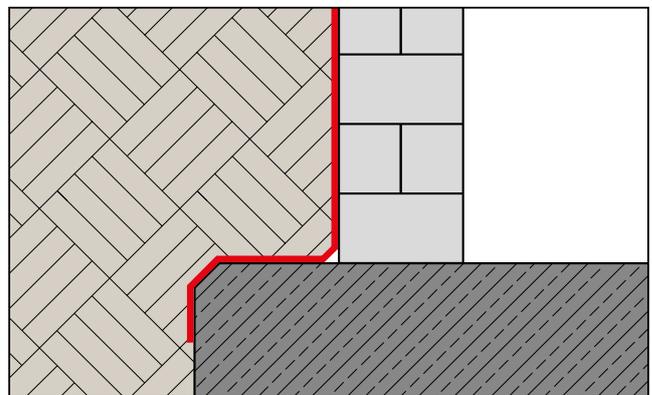


Subsequent exterior waterproofing with ground contact

Maximum reliability with the MB products from Remmers

There are standards that regulate the waterproofing of components in new buildings. However, this is not the case for existing buildings. Planning is done on the basis of preliminary investigations to determine the causes of damage in accordance with WTA Leaflet 4-6 “Subsequent waterproofing of building elements with ground contact”, and the work must be implemented and documented accordingly. The water impact, crack class and room usage class are determined in accordance with DIN 18533. Changes caused by the construction measures themselves, as well as other stresses and loads, must also be considered.

According to WTA Regulation 4-6, both non-crack-bridging and crack-bridging mineral waterproofing slurries (MDSs), flexible polymer-modified thick coatings (FPDs) and PMBCs are approved for waterproofing on prepared substrates. Remmers FPDs have the relevant general test certificates from the building authorities (abP) in accordance with the PG-MDS/FPD and PG-FBB regulations, and can be used for all types of water impact.



	On old bitumen	Without old bitumen
Waterproofing the base	Remove old bitumen	
Primer:	Kiesol MB	Kiesol MB ¹
Contact layer:	WP Sulfatex	WP Sulfatex
Levelling:	WP DS Levell	WP DS Levell
General waterproofing		
Surface preparation:	None required	Kiesol MB WP Sulfatex WP DS Levell
Contact layer:	Remmers FPD from the MB range	Remmers FPD from the MB range
Waterproofing (2 layers):	Remmers FPD from the MB range	Remmers FPD from the MB range
Protective layer:	DS Protect / DS Protect [basic]	DS Protect / DS Protect [basic]

¹ With absorbent, mineral substrates

Subsequent exterior waterproofing on old bitumen

Perfect adhesion without solvents thanks to MB 2K

Before waterproofing can be carried out, the building elements must be exposed and the type and condition of any existing old waterproofing must be assessed. In the case of old waterproofing containing bitumen, it must be checked that this is firmly connected to the substrate, and any loose material that could impede adhesion must be removed. It is not necessary to completely remove the old waterproofing. In order to account for the elevated moisture load in the wall/floor connection, the old waterproofing simply needs to be

removed back to the mineral substrate in these areas, followed by a preliminary sealing coat of WP Sulfatex for rear moisture protection. To achieve optimum bonding between the new and old waterproofing, MB 2K provides a bonding layer that is both easy to work with and highly effective.

If required, other products from the MB product range can also be used for subsequent external waterproofing on old bitumen.





- ① **Removing and cleaning the old waterproofing**
In the base area, which is subjected to heavy loads, remove all of the old waterproofing down to the mineral substrate and clean the surface.
- ② **Preparation for moisture penetration protection**
Break off/chamfer the edge of the projecting foundation, and completely remove the sintered concrete layer and any components that could impair adhesion.
- ③ **Primer**
Apply an even layer of Kiesol MB to the exposed mineral area.
- ④ **Mineral slurry contact layer**
Once the primer is dry, apply a layer of WP Sulfatex as a bonding layer for the WP DS Levell.
- ⑤ **Levelling**
Use WP DS Levell to level out any unevenness in the bonding layer while the material is still wet.
- ⑥ **Sealing cove**
Use a curved trowel to create a sealing cove with WP DS Levell while the material is still wet in accordance with WTA Code of Practice 4-6.
- ⑦ **Flexibel polymer-modified contact layer**
Spread MB 2K over the entire surface area of the old waterproofing as a scratch coat.
- ⑧ **Surface waterproofing**
After the scratch coat** has dried, apply two coats of MB 2K* as the waterproofing layer.
- ⑨ **Thermal insulation**
Once the waterproofing is sufficiently dry, apply MB Fix 2K* over the entire surface for heat insulation.
- ⑩ **Protecting the waterproofing**
Install DS Protect up to ground level.

This system solution can also be used with other flexible polymer-modified thick coatings (FPDs) from the MB product range.

* Alternative waterproofing and bonding with two-component Remmers FPDs and PMBCs
** Alternative bonding layer for PMBC waterproofing with Ilack C and scattered quartz sand



Subsequent exterior waterproofing on mineral substrates

Perfect conditions for waterproofing with Remmers products

In many old buildings, basement walls in contact with the ground are waterproofed only with cement render or – as is often the case – nothing at all.

However, such substrates are ideal candidates for subsequent exterior waterproofing because they create an excellent environment for applying modern waterproofing materials.



① **Preparation for moisture penetration protection**

Break off/chamfer the edge of the projecting foundation. Remove the sintered layer on the concrete foundation, remove any components that could impair adhesion.

② **Primer**

Apply an even layer of Kiesol MB.

③ **Mineral slurry contact layer**

Once the primer is dry, apply a layer of WP Sulfatex as a bonding layer for the WP DS Levell.

④ **Levelling**

Use WP DS Levell to level out any defects, open joints or unevenness while the material is still wet.

⑤ **Sealing cove**

Use a curved trowel to create a sealing cove with WP DS Levell while the material is still wet.

⑥ **Flexibel polymer-modified contact layer**

Apply a scratch coat of MB 2K* over the entire surface of the prepared substrate.

⑦ **First waterproofing layer**

Once the scratch coat has dried, apply the first waterproofing layer of MB 2K*.

⑧ **Second waterproofing layer**

Apply the second waterproofing layer of MB 2K* as soon as the first layer cannot be damaged by the application of the second.

⑨ **Thermal insulation**

Once the waterproofing is sufficiently dry, apply MB Fix 2K* over the entire surface for heat insulation.

⑩ **Plinth render**

Apply the reinforcement mortar VM Fill with Tex 4/100 and finishing render VM Fill rapid in the area exposed to splashing water.

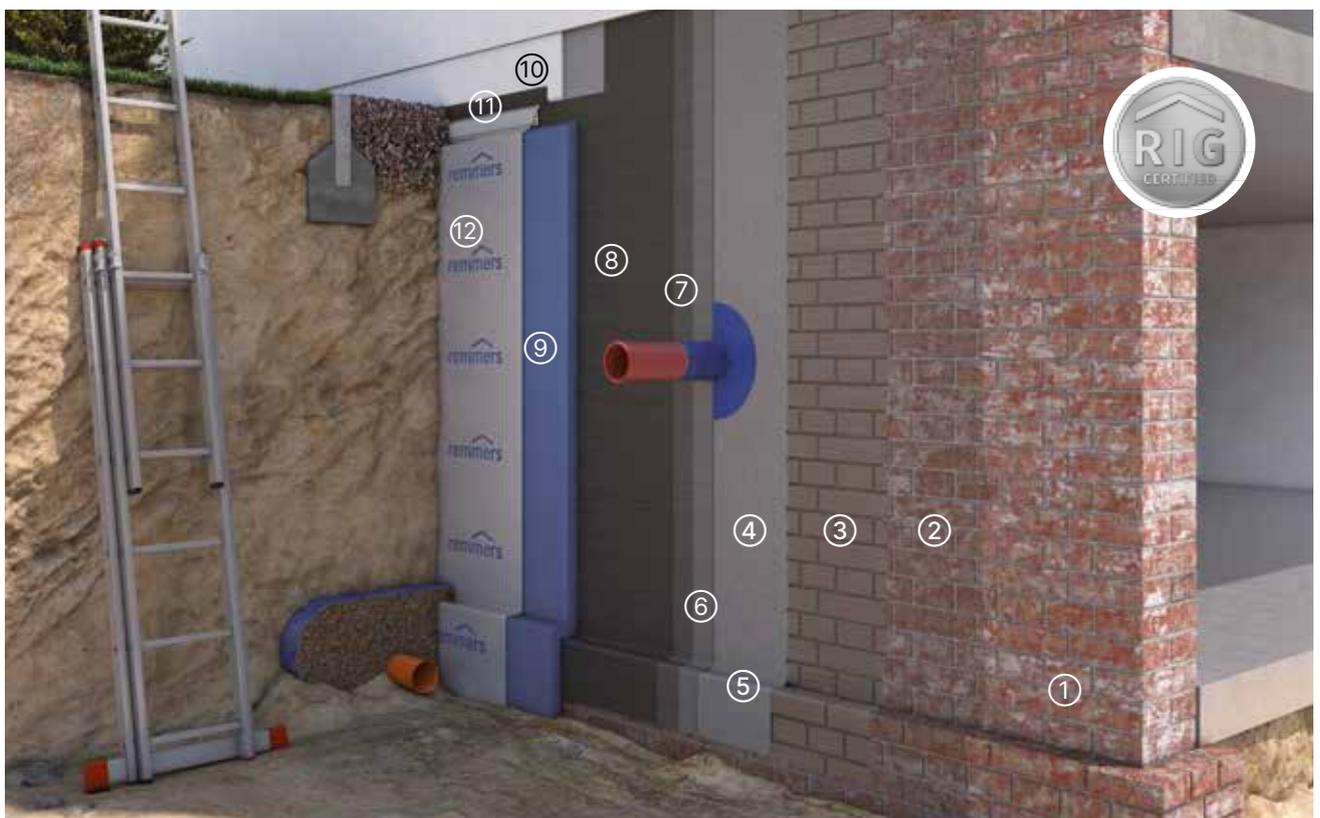
⑪ **Moisture protection (render waterproofing)**

Use MB 2K* to seal the render, covering the pores, to at least 5 cm above ground level.

⑫ **Protecting the waterproofing**

Install DS Protect up to ground level.

This system solution can also be used with other flexible polymer-modified thick coatings (FPDs) from the MB product range.



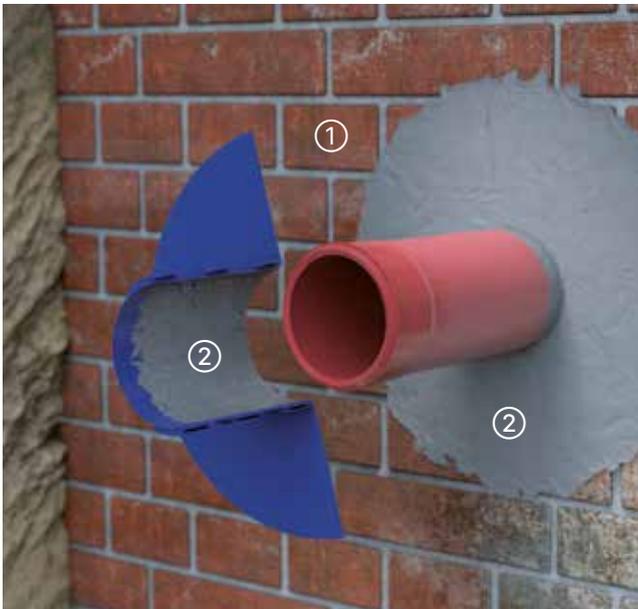
* Alternative waterproofing and bonding with two-component Remmers FPDs and PMBCs

Pipe lead-throughs

Reliable waterproofing of external openings

The more extreme the stresses, the more important it is to guarantee the reliability of waterproofing in especially sensitive areas. This includes pipe penetrations in particular, which can prove to be an especially critical area. The Remmers pipe flange system has been proven to stay waterproof at immersion depths of up to a 5 m water column.

In this system, the pipe flange is permanently and safely bonded to the substrate and the pipe. This configuration ensures an optimum bond between the pipe penetration, the pipe flange and the waterproofing system made from a flexible polymer-modified thick coating (FPD) from the Remmers MB product range, or two-component Remmers PMBCs.



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 the adhesive to the pipe flange and the mineral substrate.

③ Attach pipe flange

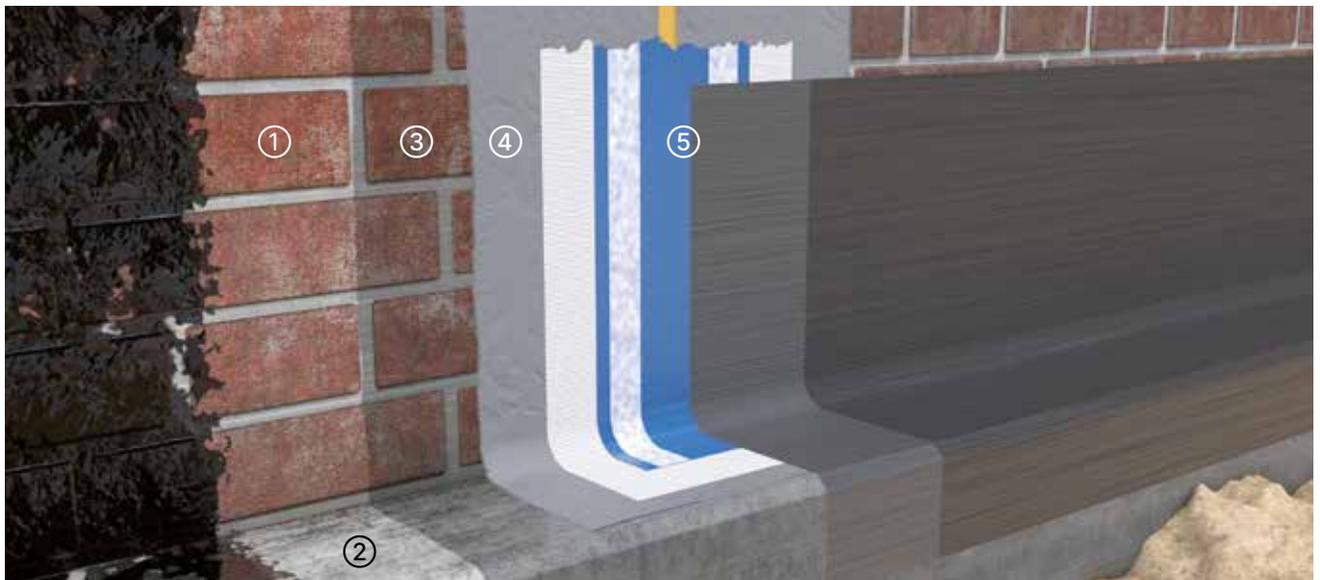
Clip together the two half-shells around the pipe and push onto the substrate, twisting gently. Then waterproof with a flexible polymer-modified thick coating (FPD) from the MB product range, or a two-component Remmers PMBC.

Building joints

Exterior basement walls: the detailed solution for a critical area

Despite the excellent crack-bridging properties of Remmers liquid-applied waterproofing materials, existing building dividing joints require special solutions: they are waterproofed in the system with the joint tape Remmers Tape B 240 E. This special tape has a tension zone for reliable absorption of movements, meaning that even relatively large movements in the building materials do not cause leaks.

The joint tape Remmers Tape B 240 E has two end pieces that eliminate the need for time-consuming bonding work on the joint tape when sealing two sides of a building dividing joint (e.g. semi-detached house on a continuous floor slab) up to an immersion depth of 3 metres. Thanks to the special laminated fabric, the tape can be worked into the joint edges when sealing with an FPD or PMBC.



① Remove the old coating

In the base area, which is subjected to heavy loads, remove all of the old waterproofing down to the mineral substrate.

② Preparation for moisture penetration protection

Break off/chamfer the edge of the projecting foundation. Completely remove any components that could impair adhesion.

③ Primer

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

④ Mineral slurry contact layer

Once the primer is dry, apply a layer of WP Sulfatex as a bonding layer for the WP DS Levell.

⑤ Embedding the joint tape

Embed Remmers B 240 E joint tape into the previously applied waterproofing layer of MB 2K and coat with MB 2K while the material is still wet.

This system solution can also be used with other flexible polymer-modified thick coatings (FPDs) from the MB product range.



Protecting plinth areas

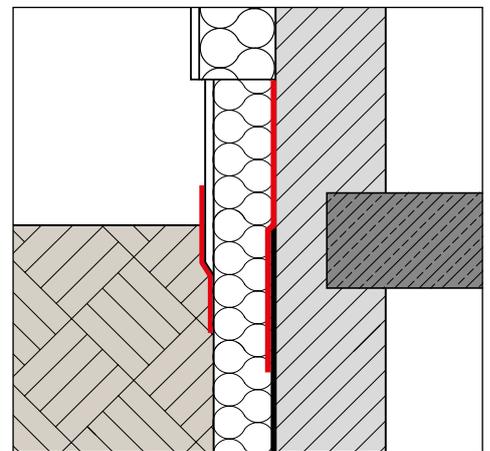
System solutions for protection
against rear moisture penetration

Splashing water and ground moisture at the plinth

The perfect solution for plinth areas

The plinth area is the interface between the facade and the building waterproofing in the area in contact with the ground. It is exposed to particularly high stresses because water from the soil, rainwater running off the facade, and splashing water all gather here.

While the part of the facade above the plinth often go many years without exhibiting any signs of significant damage, the plinth area can be host to a number of issues such as detachment of the coating, efflorescence, or even spalling of the render over large areas. Therefore, both the visible region and the area in contact with the ground must be examined and renovated. Functional plinth waterproofing is needed on the load-bearing structure, and render waterproofing may also be required too.





Plinth waterproofing with MB products – unbeatable reliability

Because several different types of waterproofing tend to meet in the plinth region, problems have often occurred here at the transitions between materials as a result of insufficient adhesion of the waterproofing materials, as well as different mechanical and thermal properties of the surface being waterproofed or the building materials being used. But now that's a thing of the past!

In order to reliably meet the technical and design requirements over the long term, the plinth must be provided with adequate protection against exterior stresses. Firstly, the plinth region – which extends from 30 cm above ground level to 20 cm below it – is exposed to varying levels of moisture. Secondly, in the transitional areas between waterproofing/material types, i.e. in the region of transition to the soil, there are often stresses caused by mechanical and thermal loads. With the flexible polymer-modified thick coatings (FPD) from the Remmers MB product range, all waterproofing work can be carried out safely and

securely with just one material. No matter what the area of application, Remmers reactive waterproofing products have the appropriate test certificates and proof of usability. As well as having unbeatable crack-bridging properties at low layer thicknesses and an extremely low drying time, the liquid-applied waterproofing materials are also exceptionally easy to work with.

FPDs from the Remmers MB product range can be applied just as easily as a slurry as they can with a trowel or sprayer, depending on the variant. What's more, all Remmers FPDs can be coated to match the colour of the plinth.



① **Primer**

Prime the prepared, absorbent mineral substrate with Kiesol MB up to at least 30 cm above ground level.

② **Mineral slurry contact layer**

Once the primer is dry, apply a layer of WP Sulfatex as a bonding layer for the WP DS Levell.

③ **Levelling and contact layer**

Use WP DS Levell to level out any defects, open joints or unevenness while the material is still wet, and apply a contact layer (scratch coat) of MB 2K after WP DS Levell has dried.

④ **Plinth waterproofing**

After the scratch coat has dried, apply two coats of MB 2K as the waterproofing layer.

⑤ **Plinth insulation/render**

Bond the plinth insulation with MB Fix 2K* then apply VM Fill as reinforcement mortar with Tex 4/100 fabric and VM Fill rapid as wall base render.

⑥ **Moisture protection (render waterproofing)**

Use MB 2K to seal the render, covering the pores, to at least 5 cm above ground level.

⑦ **Protecting the waterproofing**

Install DS Protect up to ground level.

⑧ **Surface finish (optional)**

Use Color PA over plinth render and render waterproofing.

This system solution can also be used with other flexible polymer-modified thick coatings (FPDs) from the MB product range.



* Alternative bonding with two-component Remmers FPDs and PMBCs

Plinth waterproofing in detail with the plinth guide

With the entry into force of DIN 18533 “Waterproofing of elements in contact with soil”, a detailed description now exists for waterproofing in the plinth region. In the transition area of the plinth, a distinction is made between vertical waterproofing in contact with the ground in accordance with W1-E and W2.1-E and splash water protection in accordance with water exposure class W4-E.

If plinth cladding is removed from the existing building, the plinth area must always be waterproofed up to a height of 30 cm from the top edge of the ground in accordance with WTA Code of Practice 4-9 “Subsequent sealing and repairing of building and component bases” and connected to the external waterproofing in contact with the ground. At the

transition area to the ground, the constructive moisture protection of render and rendered external thermal insulation as well as the render waterproofing prevent further moisture absorption from the ground or from snow melt. The moisture protection must be compatible with the building waterproofing in contact with the ground and the plinth render, and must be installed to 5 cm above ground level and at least 20 cm below ground level in the overlap area with the existing building waterproofing.

The Remmers plinth guide has been developed on the basis of the current waterproofing standards and WTA regulations. It explains the connection between the correct implementation of waterproofing measures and suitable waterproofing products.



Masonry attacked by moisture and salt

- ① **Levelling and intermediate waterproofing** (Rear moisture protection) with WP Sulfatex and WP DS Levell.
- ② **Plinth waterproofing** with Remmers FPDs in two layers.
- ③ **Plinth render with reinforcement layer** of VM Fill and Tex 4/100 and finishing render VM Fill rapid.
- ④ **Moisture protection (render waterproofing)** with Remmers FPDs.
- ⑤ **Protective layer** comprising a dimpled sheet with integrated sliding, protection and load distribution layer → DS Protect.



Single-leaf masonry containing moisture and salt



You can find more information in the plinth guide or at www.remmers.com





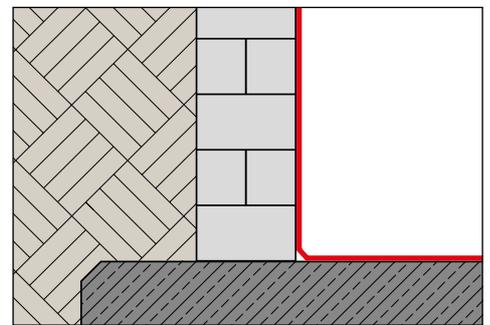
Subsequent interior waterproofing

The tried-and-tested solution

Interior waterproofing: a reliable and durable system

Optimum reliability

Interior waterproofing is used where exterior waterproofing is not technically possible or commercially justifiable. The reasons for this can include surrounding buildings, supply lines that would be difficult to disconnect, or potential impairment of the structural stability. In interior waterproofing, the wall cross-section that is waterproofed from the inside always stays damp. Remmers interior waterproofing systems offer optimum reliability and are a tested and approved solution.



	[basic] system	classic system	flex system
Wall	Quick, easy, high build	Classic, reliable, approved durable, low build	Innovative, flexible, fast, heat-insulating, impervious to radon
Primer:	Kiesol	Kiesol	Kiesol
Contact layer:	WP Top [basic]	WP Sulfatex	WP Sulfatex
Levelling/sealing groove:	WP Top [basic]	WP DS Levell	WP DS Levell
Contact layer:	-	-	MB 2K
Waterproofing:	WP Top [basic]	WP Sulfatex	MB 2K
Contact layer:	-	WP Sulfatex + SP Prep	PP Fix
Physical functional layer:	SP Top SL [basic]	SP Top white	Power Protect [eco]
Surface finish:	-	SP Füll Q3	SL Füll Q3 + Tex 4/100
Floor			
Primer:	Primer Hydro HF / Primer Hydro LC		Kiesol
Waterproofing:	WP Flow		WP Sulfatex / MB 2K
Protective layer:	-		Screed on separation layer

The [basic] system for utility basements

Quick and easy with high build

Time is money! For this reason, being able to rely on quick solutions for basements with simple usage profiles is priceless. These solutions have not been designed with optimum (living) comfort in mind, but rather are intended to be the most efficient approach.

Remmers WP Top [basic] is the core product of this solution. In utility basements such as garages, storage rooms, boiler rooms etc., the product can be used in combination with the capillary-active low-build finishing plaster SP Top SL [basic] as a condensate buffer.

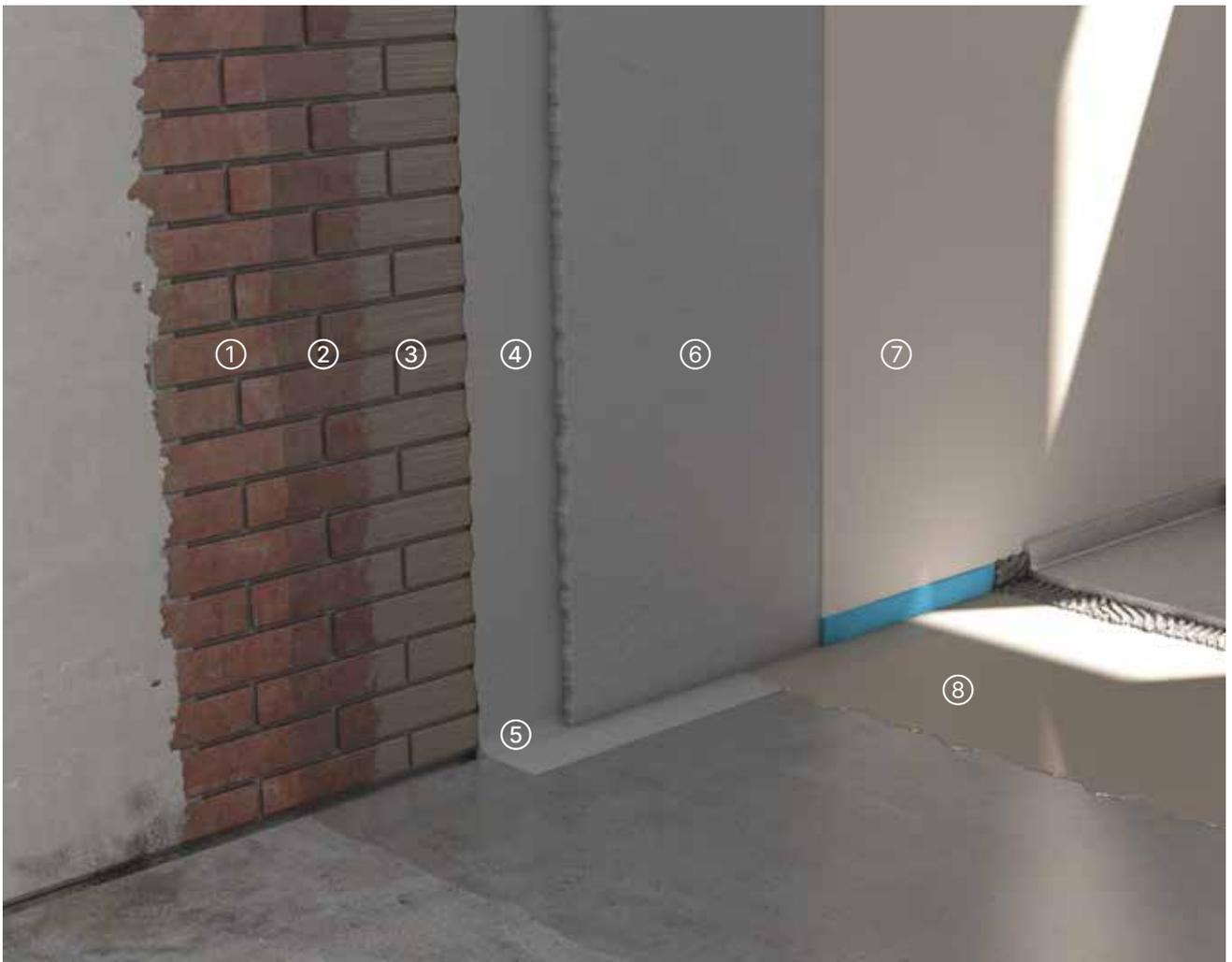
Application examples

- ✓ Utility rooms with a normal moisture load. Sorption takes place through the capillary-active, highly sorptive low-thickness finishing plaster SP Top SL [basic]
- ✓ Storage rooms, pantries, garages, bicycle storage areas

Properties

- ✓ Fibre-reinforced, water-impermeable plaster
- ✓ WTA-certified to 0.75 bar negative pressure (range of application up to 3m water column)
- ✓ Levelling and waterproofing with the same product
- ✓ Efficient application thanks to small number of easy work steps





① Substrate pre-treatment

Remove old plaster and coatings to 80 cm above the damaged region, or to a suitable level following investigation, and chase out damaged joints to a depth of 2 cm. Seal any existing flow points/water ingress with the fast-setting plugging mortar WP RH rapid.

② Primer

Apply an even layer of Kiesol (1:1 with water). Pre-wet highly absorbent substrates with water.

③ Contact layer

Within the reaction time of Kiesol, use a grouting brush to apply the bonding layer of WP Top [basic] in a slurry consistency.

④ Levelling/sealing groove

Use WP Top [basic] to level out any unevenness while the material is still wet and close off the sealing groove in the wall/base connection area.

⑤ Sealing cove

Using a curved trowel, create a sealing cove of WP Top [basic] in the transitional region between the wall/floor while the material is wet. Apply in accordance with WTA Code of Practice 4-6.

⑥ Waterproofing

Roughen the levelling layer, then waterproof with WP Top [basic] to a thickness of approx. 20 mm. To improve the grip of the subsequent filler, use e.g. a grated scraper to roughen the surface once it has hardened sufficiently.

⑦ Surface finish

After 2-7 days, apply a layer of SP Top SL [basic] approx. 10 mm thick.

⑧ Floor surface waterproofing

Depending on the substrate, prime with Primer Hydro HF or Primer Hydro LC. Levelling and waterproofing with self-flowing floor levelling compound WP Flow, see p. 34.



The classic system, tried and tested over decades

Classic and reliable with a low build

A proven long-lasting solution thanks to Kiesol and WP Sulfatex

The Remmers Kiesol system is a milestone in the story of subsequent interior waterproofing for basements: Developed more than 40 years ago and used hundreds of thousands of times, this refurbishment system stands head and shoulders above the rest when it comes to protection against moisture and salts.

Used as a primer, Kiesol stabilises, compacts and hydrophobises the wall surface, reducing the stresses in the contact zone between the wall and the waterproofing slurry. WP Sulfatex is a slurry with a high resistance against salts, which is applied to the primed surface 'wet-on-wet'. The white renovation plaster used afterwards is an effective condensate buffer that provides sufficient storage capacity for all moisture levels.

Application examples

- ✓ Tried-and-tested system for basements with normal to high moisture loads. The renovation plaster SP Top white ensures sorption
- ✓ All types of basements, e.g. basements used for high-value items or basement flats

Properties

- ✓ Water pressure-tight
- ✓ High sulphate resistance and low effective alkali content (SR/NA)
- ✓ Excellent adhesion to the substrate
- ✓ WTA-certified to 0.75 bar negative pressure (range of application up to 3m water column)
- ✓ Water vapour diffusion open

① **Substrate pre-treatment**

Remove old plaster and coatings to 80 cm above the damaged region and chase out damaged joints to a depth of 2 cm. Seal any existing flow points/water ingress with the fast-setting plugging mortar WP RH rapid.

② **Primer**

Apply an even layer of Kiesol (1:1 with water) over the prepared substrate. Pre-wet highly absorbent substrates with water.

③ **Contact layer**

Within the reaction time of Kiesol, use a grouting brush to apply the bonding layer of WP Sulfatex.

④ **Levelling/sealing groove**

Use WP DS Levell to level out any unevenness while the material is still wet and close off the sealing groove in the wall/base connection area.

⑤ **Sealing cove**

Use a curved trowel to create a sealing cove with WP DS Levell while the material is still wet.

⑥ **First waterproofing layer**

Use a slurry brush to apply the first waterproofing layer of WP Sulfatex over the levelling layer.

⑦ **Second waterproofing layer**

Apply the second slurry layer of WP Sulfatex over the first waterproofing layer wet-on-wet. Depending on the water impact class, several coats may be necessary.

⑧ **Rough casting**

Broadcast the preparatory mortar SP Prep over the entire surface area of a further waterproofing layer/bonding layer of WP Sulfatex wet-on-wet.

⑨ **Renovation plaster application**

Apply SP Top white after 24 to 48 hours.

⑩ **Surface finish**

Once incipient stiffening has occurred, rub the SP Top white with a sponge float and a small amount of water, or – optionally – comb it and apply SP Fill Q3 over the top.

⑪ **Floor surface waterproofing**

Depending on the substrate, prime with Primer Hydro HF or Primer Hydro LC. Levelling and waterproofing with self-flowing floor levelling compound WP Flow, see p. 34.



The flex system for innovative interior waterproofing

Flexible, fast, heat-insulating and with lasting imperviousness to radon

A new approach with MB 2K and Power Protect [eco]

Interior waterproofing is normally carried out with rigid, mineral waterproofing slurries. However, these products cannot permanently close dynamic cracks – nor are they impervious to radon. For this reason, Remmers recommends that basements used for important applications are waterproofed with a technically sophisticated combination of the crack-bridging waterproofing slurry MB 2K – with tested imperviousness to radon – and the Power Protect [eco] system, an ecologically and economically sustainable refurbishment and insulation system that has been awarded the German 'Blue Angel' eco-label.

Installing the system couldn't be easier. The environmentally friendly Power Protect [eco] panels are primarily made from the heat-insulating mineral perlite and recycled cellulose. They can simply be adhesively bonded onto the MB 2K – the WTA-certified solution for interior waterproofing – by floating, and then plastered over. That's all there is to it!

Application examples

- ✓ Basements with normal to high moisture loads – sorption takes place through the Power Protect [eco] system
- ✓ All types of heated basements used for important applications
- ✓ Cracked exterior basement walls

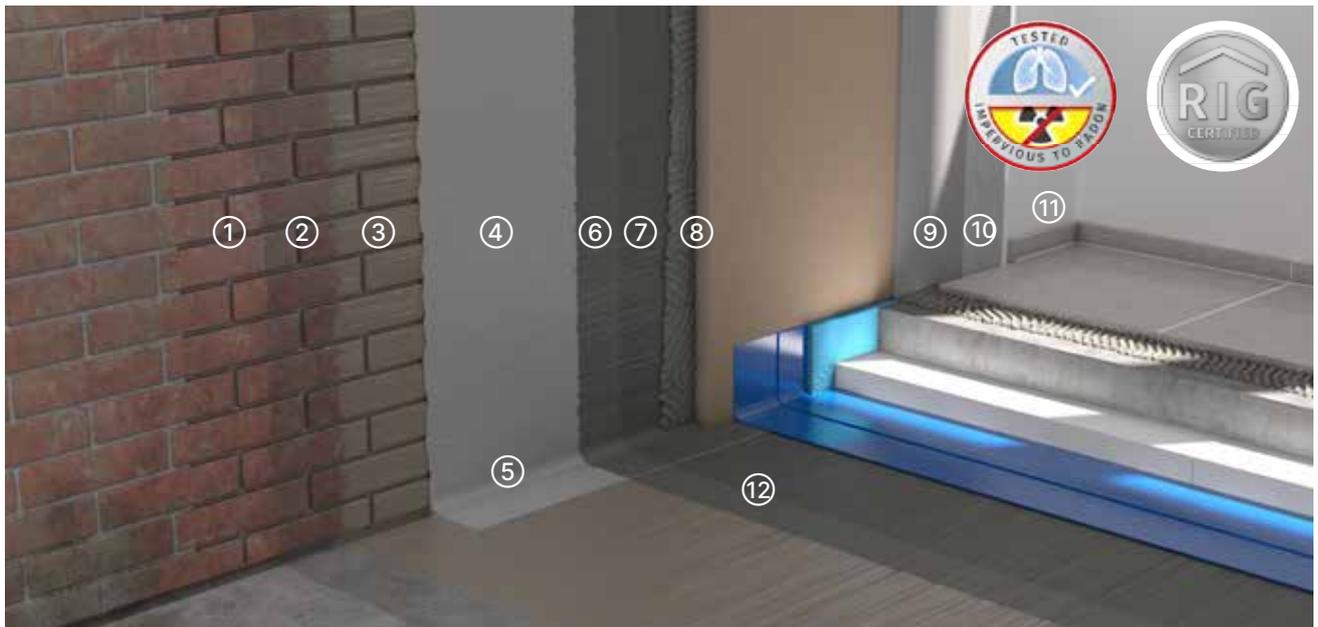
Properties

- ✓ Water pressure-tight
- ✓ Crack-bridging
- ✓ Heat-insulating
- ✓ Impervious to radon
- ✓ High sulphate resistance and low effective alkali content (SR/NA)
- ✓ Excellent adhesion to the substrate
- ✓ WTA-certified to 0.75 bar negative pressure (WTA usability range: up to 3 m water column)



For more information on systems impervious to radon, visit www.remmers.com





① Preliminary work

Remove old plaster and coatings to 80 cm above the damaged region, or to a suitable level following investigation, and chase out damaged joints to 2 cm deep. Seal any existing flow points/water ingress with the fast-setting plugging mortar WP RH rapid.

Primer

- ② Apply an even layer of Kiesol (1:1 with water) over the prepared substrate. Pre-wet highly absorbent substrates with water.

Contact layer

- ③ Within the reaction time of Kiesol, use a grouting brush to apply the bonding layer of WP Sulfatex.

Levelling/sealing groove

- ④ Use WP DS Levell to level out any unevenness while the material is still wet and close off the sealing groove in the wall/base connection area.

Sealing cove

- ⑤ Use a curved trowel to create a sealing cove with WP DS Levell while the material is still wet, in accordance with WTA Code of Practice 4-6.

⑥ First waterproofing layer

Use a slurry brush to apply the first waterproofing layer of MB 2K over the levelling layer.

⑦ Second waterproofing layer

Apply the second waterproofing layer of MB 2K over the dry first layer. Depending on the water impact class, several coats may be necessary.

⑧ Affixing the mould remediation panels

Apply the system adhesive PP Fix to the entire surface of the dried waterproofing material using the floating method. Position the Power Protect [eco] panels on the wall, press on and align. Avoid creating cross joints.

⑨ First filling layer

Using a toothed trowel, apply the filling and reinforcement mortar SL Fill Q3 onto the front side of the panel to a layer thickness of 3 mm.

⑩ Applying the reinforcement

Using a smoothing trowel, embed the reinforcement fabric Tex 4/100 into the mortar in vertical strips free of pleats (allow individual strips to overlap by at least 10 cm).

⑪ Second filling layer

Apply a further layer of the filling and reinforcement mortar SL Fill Q3 to a thickness of approx. 2 mm over the reinforcement layer once it has set sufficiently. To create a fine, closed surface ready for painting, smooth off SL Fill Q3 with the smoothing trowel and rub if necessary once stiffened.

⑫ Floor waterproofing

Apply 2 layers of MB 2K to the floor as surface waterproofing. (For information on constructing a radon-proof floor waterproofing system, see page 37)



Self-levelling floor waterproofing with WP Flow

The perfect addition to all interior waterproofing systems

WP Flow is the perfect addition to all Remmers interior waterproofing systems. Just like all the systems designed for walls, WP Flow is tested as a floor waterproofing product according to WTA Code of Practice 4-6, "Subsequent waterproofing of building elements with ground contact" at a layer thickness of 10 mm against rear pressing water loads. In the transition between walls and flooring, this self-levelling floor waterproofing material can be worked seamlessly up to the tried-and-tested Remmers systems, while levelling out uneven surfaces at the same time. WP Flow can be covered with floor tiles after a short time or can be coated with water vapour diffusion-open floor coatings.



① Substrate pre-treatment

Completely remove screed. Remove old plaster and coatings to approx. 30 cm above the concrete base and chase out damaged joints to a depth of 2 cm. If pressing water is present, chase out a 4×4 cm groove in the wall/base connection. Remove any layers that could impair adhesion at the base connection.

② Priming the floor/wall connection

Prime the mineral substrate at the floor/wall connection with Kiesol (diluted 1:1 with water).

③ Contact layer and substrate levelling/sealing groove

Within the reaction time of Kiesol, apply a bonding layer of WP Sulfatex rapid and seal open joints as well as defects and broken-out areas (including groove) with WP Sulfatex rapid while the material is still wet.

④ Sealing cove

Create a sealing cove of WP Sulfatex rapid with a radius of approx. 4-6 cm in the fresh contact layer and round off.

⑤ Waterproofing the floor/wall connection

Apply a waterproofing layer of WP Sulfatex rapid. Apply the waterproofing in the wall/base connection area to ≥ 15 cm on the wall and floor. Minimum dry layer thickness ≥ 3 mm.

⑥ Priming the floor surfaces

Prime weakly absorbent or non-absorbent substrates (e.g. old ceramic coverings) with Primer HF or LC.

⑦ Waterproofing and levelling

Once the primer has dried, level the surface with WP Flow. Layer thickness $> 5 - 30$ mm. In the case of rear water loading, the minimum layer thickness is ≥ 10 mm. Pour out mixed material with scraper/trowel and de-aerate with the spiked roller.

⑧ Surface finish (optional): Ceramic covering

Lay floor tiles using the thin-bed method with FL fix and grout with FL grout flex.

Alternative surface finish:

⑨ Primer

Prime clean substrate with Epoxy BS 2000 Fast.

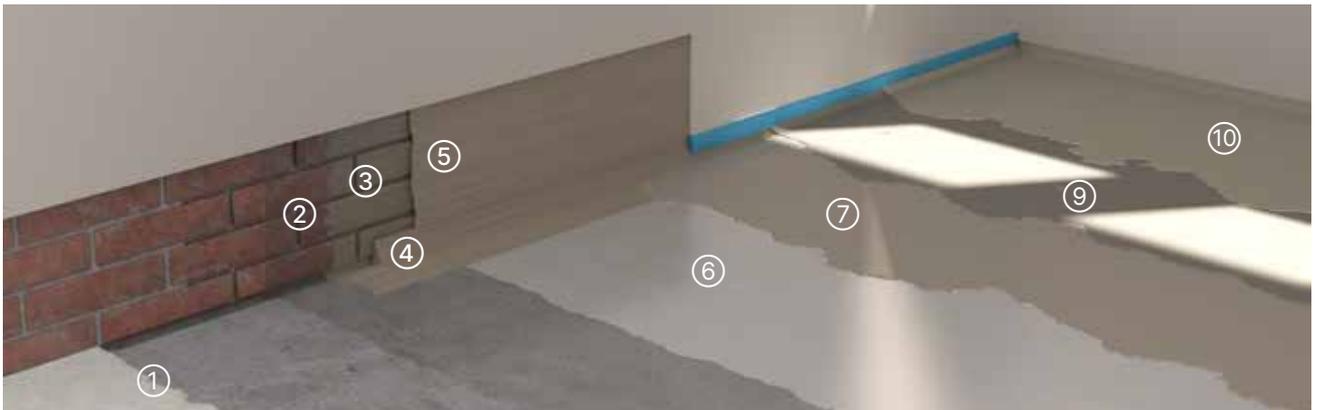
⑩ Coloured seal coat

Apply a coloured seal coat of Epoxy BS 3000 SG or Epoxy BS 3000 M to prepared surfaces.

Ceramic covering



Epoxy floor coating



High-quality, radon-proof floor and wall waterproofing

Certified radiation protection with MB 2K for areas with ground contact

Radon is a radioactive gas that can accumulate unnoticed in houses. After tobacco smoke, radon is the most frequent cause of lung cancer and thus represents an incalculable danger and health risk. Radon can enter living spaces from various sources. These include the building foundation, building materials, the ambient air and water. The decisive factor is how well a building is protected against radon in the area in contact with the ground (basement wall and basement floor).

Radon works its way through cracks, crevices and the smallest openings in foundations and wall formers and also along cable and pipe penetrations; it diffuses through the building materials if there is insufficient protection. MB 2K is not only tested and certified radon-proof, but also tested and certified as interior waterproofing according to WTA.

As a crack-bridging interior waterproofing product, MB 2K provides safe and reliable protection for walls and floors. Material changes are obsolete; floor/wall transitions and uneven areas can all be handled with just one material. This is interior waterproofing at its very best. Long-lasting protection against moisture and radon with MB 2K!



The German radon guidebook from the Federal Office for Radiation Protection describes the entry of radon into buildings as follows (translated from the original German):

“There is negative pressure in the buildings compared to their surroundings. This is caused by the temperature difference between indoor spaces and the outside air as well as air movements around the building. A low negative pressure in the building is sufficient to draw in the radon-containing air from the soil, from a radius of approx. 10 to 20 metres.”

Source: German radon guidebook, Federal Office for Radiation Protection, p.12 (2019)





① Substrate pre-treatment

Completely remove screed. Remove old plaster and coatings to approx. 30 cm above the concrete base and chase out damaged joints to a depth of 2 cm. If pressing water is present, chase out a 4×4 cm groove in the wall/base connection. Remove any layers that could impair adhesion at the base connection.

② Priming the floor/wall connection

Prime the mineral substrate at the floor/wall connection with Kiesol (diluted 1:1 with water).

③ Contact layer and substrate levelling

Within the reaction time of Kiesol, apply a bonding layer of WP Sulfatex rapid and seal open joints as well as defects and broken-out areas (including groove) with WP Sulfatex rapid while the material is still wet.

④ Sealing cove

Create a sealing cove of WP Sulfatex rapid with a radius of approx. 4-6 cm in the fresh contact layer and round off.

⑤ Waterproofing the floor/wall connection

Apply a waterproofing layer of WP Sulfatex rapid. Apply the waterproofing in the wall/base connection area to ≥ 15 cm on the wall and floor.

⑥ Priming floor surfaces

Prime the prepared, mineral surfaces with Kiesol MB.

⑦ Waterproofing floor/wall surfaces

Once the Kiesol MB has dried, apply a scratch coat of MB 2K and seal surfaces with two layers of MB 2K.

⑧ Screed and footfall sound insulation

Install footfall sound insulation and apply screed on separation layer.

⑨ Surface finish: Ceramic covering

Lay floor tiles using the thin-bed method with FL fix and grout with FL grout flex.

Alternative surface finish:

⑩ Primer

Prime clean substrate with Epoxy BS 2000 Fast.

⑪ Coloured seal coat

Apply a coloured seal coat of Epoxy BS 3000 SG or Epoxy BS 3000 M to prepared surfaces.



Interior waterproofing and energetic retrofitting

The ideal combination

Energetic retrofitting in basements

Interior waterproofing and climate-friendly insulation

Improving energy standards

The synergies between reliable interior waterproofing and internally insulated walls are obvious. Walls waterproofed with Remmers systems are permanently and reliably sealed against moisture on the inside. However, the wall itself remains permanently damp and must therefore always be finished on the inside with at least a condensation-buffering plaster. For higher-quality use, capillary-active and climate-regulating interior insulation is an alternative. A combination of innovative interior waterproofing and intelligent internal insulation, e.g. in the flex system (see p. 30) offers numerous benefits for residents, the environment and heating costs.

- ✓ **Permanently dry wall surfaces**
- ✓ **Improves the indoor climate**
 - Increases wall surface temperatures
 - Reduces humidity in areas near wall surfaces
 - Meets the requirements for hygienic minimum thermal protection
 - No mould growth
- ✓ **Tangible improvement in energy standards/ comfort**
 - Improved well-being and comfort
- ✓ **Saves heating energy**
 - Reduces heating costs
 - Reduces consumption of fossil fuels
 - Reduces CO₂ emissions



Developers can choose from various Remmers interior insulation systems, with which different energy standards can be achieved. The better the system, the higher the achievable wall surface temperatures – meaning greater comfort and more significant energy cost savings.

	SP Top SL [basic]	SLP CS	Power Protect [eco]	iQ-Therm 2.0
Material	Capillary-active climate-regulating plaster	Cellulose-reinforced calcium silicate	Perlite cellulose compound	Intelligent combination of PUR insulation and capillary-active special mortar in strip technology
Building material class	A1 Non-flammable	A1 Non-flammable	B-s1,d0 Low flammability, no/low smoke production, no droplets	B-s1,d0 (in system) Low flammability, no/low smoke production, no droplets
Heat insulation capacity / Lambda W/(m·K)	Approx. 0.09	Approx. 0.069	Approx. 0.05	~ 0.025 - 0.028 depending on component thickness λ once installed: approx. 0.003 W/(m·K) higher in each case



SP Top SL [basic] / Mould control plaster

Capillary active, climate-regulating plaster, in particular for mould control

Application

- ✓ Repair, refurbishment and restoration of damp walls and floors that are susceptible to mould infestation
- ✓ Humidity regulation indoors
- ✓ Improving the energy efficiency of external walls

Property profile:

- ✓ Diffusion open and capillary active
- ✓ High proportion of pore volume with capillary condensation action
- ✓ Heat-insulating
- ✓ Two-layer application thickness up to 50 mm
- ✓ High sulphate resistance and low effective alkali content (SR/NA)
- ✓ Machine-workable



Structure	Product / Product details	Application rate
1 Interior water-proofing	[basic] or classic system	depending on system
2 Preparatory mortar	SP Prep (classic) P. 107	~ 4 - 6 kg/m ²
3 Climate-regulating plaster	SP Top SL [basic] P. 114	~ 5.6 kg/m ² /cm
4 Fine filler Q3 + reinforcement	SL Fill Q3 P. 139 Tex 4/100 P. 115	~ 1.2 kg/m ² /mm ~ 1.1 m ² /m ²
5 Optional: Fine filler Q4	SL Fill Q4 P. 140	~ 1.1 kg/m ² /mm
6 Colour finish	Color SL P. 141	~ 0.15 l/m ² per coat
Alternative: Colour finish	Color CL Historic P. 141	~ 0.2 - 0.25 l/m ² per coat

SLP CS 25 / 30 / 50

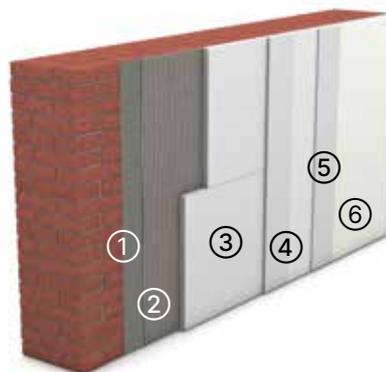
Calcium silicate interior insulation panels for energy efficiency and damp control refurbishments

Application

- ✓ Mould remediation and prevention in existing buildings
- ✓ Establishment of the minimum hygienic thermal protection standard for existing building substance
- ✓ Improvement of the indoor climate thanks to increased wall surface temperature
- ✓ Improved energy standards

Property profile:

- ✓ Thermal insulation and mould inhibition
- ✓ Water vapour diffusion open
- ✓ Capillary-active
- ✓ No quartz sand or powdered quartz
- ✓ Thermal conductivity approx. 0.07 W/(m•K)
- ✓ Building material class A1 (non-flammable)
- ✓ Low construction height



Structure	Product / Product details	Application rate
1 Interior water-proofing	System as chosen	depending on system
2 Adhesive mortar	SLP Fix P. 126	~ 1.2 kg/m ² /mm
3 Panels	SLP CS 25 / 30 / 50 P. 130	2 pcs/m ²
4 Fine filler Q3 + reinforcement	SL Fill Q3 P. 139 Tex 4/100 P. 115	~ 1.2 kg/m ² /mm ~ 1.1 m ² /m ²
5 Optional: Fine filler Q4	SL Fill Q4 P. 140	~ 1.1 kg/m ² /mm
6 Colour finish	Color SL P. 141	~ 0.15 l/m ² per coat
Alternative: Colour finish	Color CL Historic P. 141	~ 0.2 – 0.25 l/m ² per coat



Power Protect P 25 / P 40 [eco]

Insulating panel for environmentally sustainable mould control

Application

- ✓ Mould remediation and prevention in existing buildings
- ✓ Establishment of the minimum hygienic thermal protection standard for existing building substance
- ✓ Improvement of the indoor climate thanks to increased wall surface temperature
- ✓ Ecological improvement of energy standards

Property profile:

- ✓ Protects health and the environment, awarded the "Blue Angel" ecolabel
- ✓ Open to vapour diffusion
- ✓ Capillary-active
- ✓ Thermally insulating, λ 0.05 W/(m•K)
- ✓ Tested and certified mould resistance
- ✓ Euro class B-s1, d0
- ✓ Low construction height
- ✓ Easy to apply



Structure	Product / Product details	Application rate
1 Interior water-proofing	System as chosen	depending on system
2 Adhesive	PP Fix P. 124	~ 1.4 kg/m ² /mm
3 Panels	Power Protect P 25 / P 40 [eco] P. 127	~ 1.4 panels/m ²
4 Fine filler Q3 + reinforcement	SL Fill Q3 P. 139 Tex 4/100 P. 115	~ 1.2 kg/m ² /mm ~ 1.1 m ² /m ²
5 Optional: Fine filler Q4	SL Fill Q4 P. 140	~ 1.1 kg/m ² /mm
6 Colour finish	Color SL P. 141	~ 0.15 l/m ² per coat
Alternative: Colour finish	Color CL Historic P. 141	~ 0.2 – 0.25 l/m ² per coat



iQ-Therm – 2.0 30 / 50 / 80 / 120

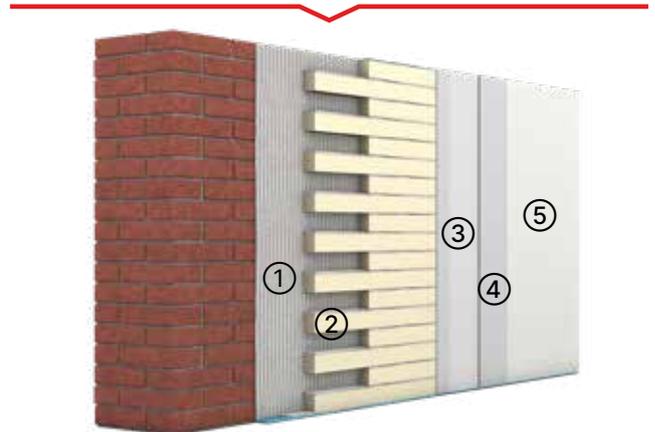
Capillary-active PUR rigid foam interior insulation system for creating highly insulating, diffusible interior insulation with capillary moisture transport

Application

- ✓ Energy modernisation
- ✓ Mould remediation and prevention in existing buildings
- ✓ Establishment of the minimum hygienic thermal protection standard for existing building substance
- ✓ Improvement of the indoor climate thanks to increased wall surface temperature

Property profile:

- ✓ Strip-shaped
- ✓ Excellent thermal insulation
- ✓ Open to vapour diffusion
- ✓ Capillary-active
- ✓ λ (EU nominal values):
 - iQ-Therm 2.0 30: 0.028 W/(m•K)
 - iQ-Therm 2.0 50: 0.028 W/(m•K)
 - iQ-Therm 2.0 80: 0.026 W/(m•K)
 - iQ-Therm 2.0 120: 0.025 W/(m•K)
- ✓ λ once installed:
 - approx. 0.004 W/(m•K) higher in each case
- ✓ Building material class (DIN 4102-1) B1 (in system)
- ✓ Reaction to fire (EN 13501-1) B-s1,d0 (in system)
- ✓ Low construction height, choice of 30, 50, 80 & 120 mm
- ✓ Easy to apply
- ✓ Thermal insulation material according to DIN 4108-10



Structure	Product / Product details		Application rate
1 Bonding*	iQ M universal	P. 125	~ 1.3 kg/m ² /mm
2 Strips	iQ-Therm 2.0 30 / 50 / 80 / 120	P. 133	~ 0.85 strips/m ~ 6.8 strips/m ²
3 Thin-coat plaster Q3	iQ M universal	P. 137	~ 1.3 kg/m ² /mm min. layer thickness 5 mm
+ reinforcement	Tex 4/100	P. 115	~ 1.1 m ² /m ²
Alternative: Climate-regulating plaster Q2 + reinforcement	iQ Top Tex 6.5/100	P. 136 P. 115	~ 0.6 kg/m ² /mm ~ 1.1 m ² /m ²
4 Optional: Fine filler Q4	SL Fill Q4	P. 140	~ 1.1 kg/m ² /mm
5 Colour finish	Color SL	P. 141	~ 0.15 l/m ² per coat
Alternative: Colour finish	Color CL Historic	P. 141	~ 0.2 – 0.25 l/m ² per coat



Remmers iQ-Therm 2.0 NEW

Minimum hygiene protection and guaranteed freedom from mould thanks to a sophisticated system consisting of organic, highly thermally insulating material and diffusion-open, mineral mortar.

* Exterior basement walls: Interior insulation on chosen interior waterproofing system





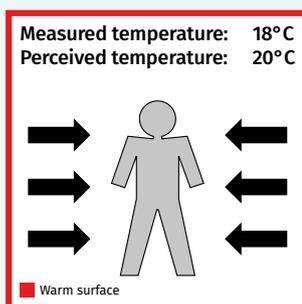
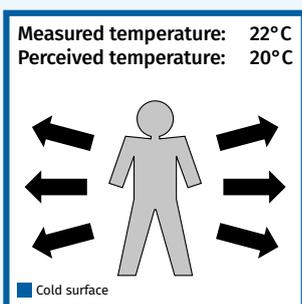
Comfort and well-being

Increasing the wall surface temperature by just 1 °C can save up to 6% on heating costs!

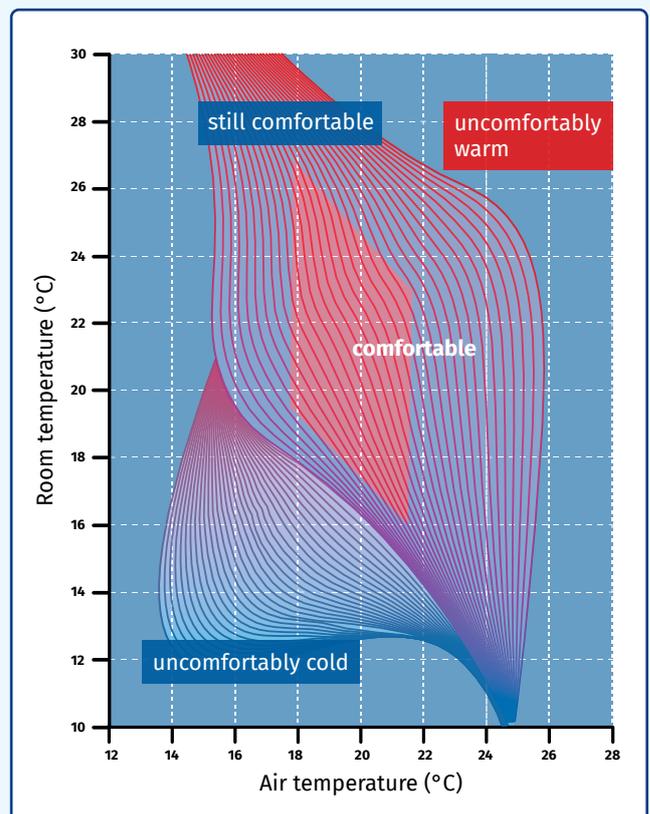
The wall surface temperature of a building component has a high influence on the perceived comfort. The illustration shows the difference between the perceived temperature and the actual temperature, depending on whether the surrounding wall surface is cold or warm. By increasing the wall surface temperature by just 1 °C, the room temperature can be reduced by 2 °C while maintaining the same perceived comfort level. This amounts to an average saving of approx. 6% on energy costs. At the same time, the heating phases necessary for maintaining the temperature of a room are significantly shortened. The wall former is not heated up as well, and the room can be used at a comfortable temperature for a short time. As a result, the use of fossil fuels is optimised and resources and expenses are saved.

By increasing the wall surface temperature by just 1 °C, we can already save about 6% of our expenditure on heating energy and still feel cosy and comfortable.

With the different Remmers interior insulation systems, every user and occupant is offered an optimum solution for energetic refurbishments in compliance with the minimum hygienic thermal protection and also in terms of requirements, safety and legality.



Influence of wall surface temperature on comfort



System enhancements

Reliable waterproofing of pipe penetrations from inside

Penetrations such as pipe lead-throughs for electricity, water and gas are a challenge for every basement waterproofing project. In the past, if the completed work was inadequate, the only solution was a cost-intensive process of excavating and re-waterproofing the defective area. But now, thanks to a special system solution from Remmers, time-consuming repairs like these are a thing of the past.

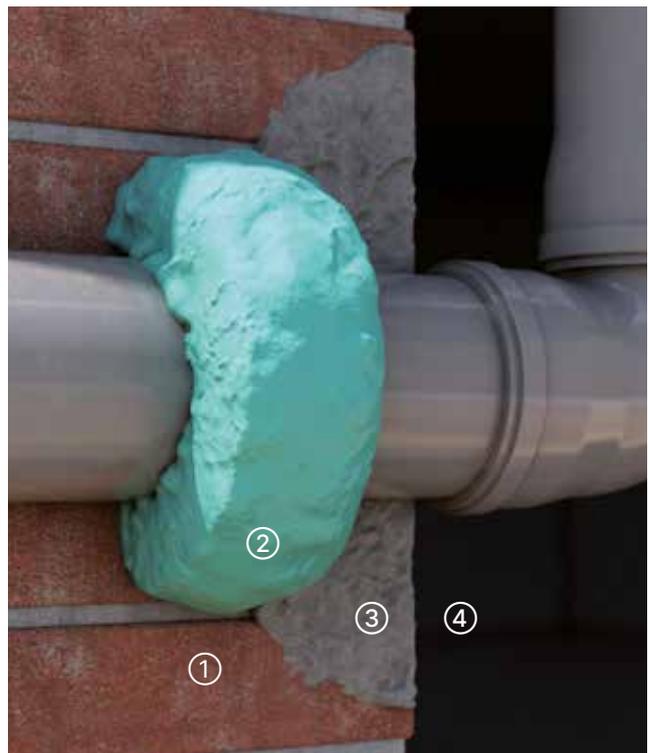
With the combination of Betofix R4 and the permanently non-hardening sealing compound Remmers Stopaq, water ingress at pipe penetrations can be sealed off from the interior with minimal effort. Stopaq swells upon contact with water and its material characteristics enable it to form a permanent seal. Broken-out areas inside the room are stabilised with Betofix R4 and integrated into the interior waterproofing if necessary.

- ① **Expose the pipe penetration**
Expose the masonry around the pipe penetration to a depth of at least 100 mm.
- ② **Apply Stopaq**
Carefully apply Stopaq around the pipe from back to front, to a thickness of at least 10 mm and a depth of 50 mm.
- ③ **Seal off the surface**
Seal off any broken-out areas on the surface in the room with Betofix R4.
- ④ **Interior waterproofing**
Apply subsequent interior waterproofing in the Remmers interior waterproofing system.



The customer benefits in detail:

- ✓ Expands on contact with water
- ✓ Resistant to various chemical influences
- ✓ Non-hardening sealing of cables, lines and pipes under rear moisture loads
- ✓ Water and wastewater applications (gas-tight)
- ✓ Sealing off water-bearing leaks







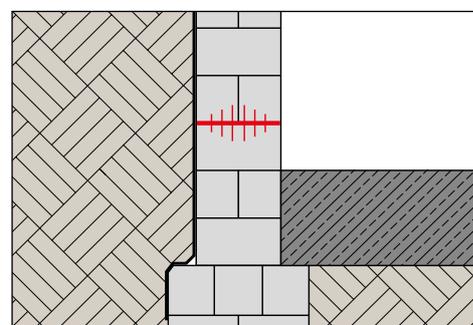
Subsequent horizontal barriers

Long-lasting protection for masonry
against rising damp

Masonry injection for cross-section waterproofing

Minimal extra work with maximum benefits

Cross-sectional waterproofing stops capillary moisture transport in the masonry. While cross-sectional waterproofing can be found nowadays in all new buildings in the form of horizontal barriers, it was rarely used at all in older buildings. In recent decades, injection procedures for subsequent production of horizontal barriers in masonry have been established and tested. This is an effective, clean and above all low-cost way of carrying out work on a building that avoids vibrations to the greatest extent possible. Remmers has set numerous milestones in this domain. Conventional product systems are liquid-based. However, products with a cream consistency have also been available for some time now. They are easier and simpler to use and boast greater functionality. Here, too, Remmers is ahead of the curve.



	The classic procedure	The cream procedure	The advanced procedure with void filling
	Long-lasting pore-narrowing effect, simple, water-repelling	Innovative, quick, pressureless, water-repelling	Pressure injection, fast, water-repelling
Insulation:	Kiesol WP Sulfatex WP DS Levell	–	Kiesol WP Sulfatex WP DS Levell
Void filling:	–	–	BSP 3 / 6
Injection material:	Kiesol	Kiesol C [basic] or Injection Cream 80	Kiesol iK
Sealing off drill holes:	BSP 3 / 6 and WP DS Levell	WP DS Levell	BSP 3 / 6 and WP DS Levell



The classic method

Simple, long-lasting, tried-and-tested

Dual effect: Narrows pores and repels water

When Kiesol is used in an injection procedure, not only are pores and ducts in the masonry made water-repellent, they are also closed – or at least significantly narrowed. This means that capillary water transport is no longer possible. The first test certificate for Kiesol dates back to 1965 and was issued by the materials testing institute of North Rhine-Westphalia. It certifies the effectiveness of Kiesol against rising damp (capillary suction capacity).

Decades of experience with Kiesol, along with the present-day WTA certificates, have demonstrated that the active concentrate can penetrate deeply and uniformly into the masonry. Injection under gravity is possible up to moisture saturation levels of 80%. Pressure injection is needed at higher levels. On hollow masonry, the advanced procedure with Kiesol iK is used in combination with the shrinkage-compensated, highly sulphate-resistant drill hole suspension BSP.

Application examples

- ✓ Decades of successful use as a system for masonry
- ✓ Porous, mineral building materials such as sandstone, fired and sand-lime brick
- ✓ Subsequent cross-sectional waterproofing of masonry under gravity up to 80% moisture saturation
- ✓ Subsequent cross-sectional waterproofing of masonry at low pressure up to 95% moisture saturation

Properties

- ✓ Boosts strength
- ✓ Narrows pores
- ✓ Repels water
- ✓ Inhibits masonry salt

① **Primer**

Apply an even layer of Kiesol (1:1 with water) over the prepared substrate. Pre-wet highly absorbent substrates with water.

② **Contact layer**

Within the reaction time of Kiesol, use a grouting brush to apply the bonding layer of WP Sulfatex.

③ **Levelling**

Use WP DS Levell to level out any unevenness while the material is still wet.

④ **Making drill holes**

After the injection region has been plugged, drill holes into the masonry at a spacing of max. 12.5 cm and with a diameter of 30 mm at a 45° angle.

⑤ **Cleaning the drill holes**

Use oil-free air to blow any drilling dust out of the holes.

⑥ **Injecting the material**

Use a feeding cartridge or surface sprayer to fill the hole with Kiesol. If necessary, allow penetration to continue over a longer period of time.

⑦ **Sealing the drill holes**

Once injection is complete, fill the drill holes with BSP 3 or BSP 6 and seal off with WP DS Levell.

⑧ **Supporting measures**

Create a vertical waterproofing strip in the Kiesol system. Apply to at least 30 cm beyond the level of the drill holes.



The cream method

Masonry injection with an innovative high-speed formula

Cream never fails – Kiesol C [basic]

When comparing the properties of the currently available injection procedures for producing subsequent cross-sectional waterproofing, or the product systems that are available for this, it becomes clear that Remmers cream technology has considerable advantages over liquid product systems – and even over other cream-based products on the market. Kiesol C [basic] is WTA-tested and certified for injection up to 95% moisture saturation.

The determination of the degree of moisture penetration required for liquid injection materials before a procedure could be selected can now be eliminated, because Kiesol C [basic] can be used at any level of moisture saturation. The narrow, horizontal drill holes minimise the drilling work and amount of material needed, as well as making the procedure quicker. With this procedure, subsequent filling of the drill holes with drill-hole suspension (BSP 3/6) is no longer necessary.

What is the difference between conventional injection creams and Kiesol C+?



Conventional, cream-based horizontal barriers

- ✓ Cream consistency with encapsulated active substance, suspended in water
- ✓ Injection under gravity up to 95% moisture saturation
- ✓ WTA effectiveness class C (> 120 days)

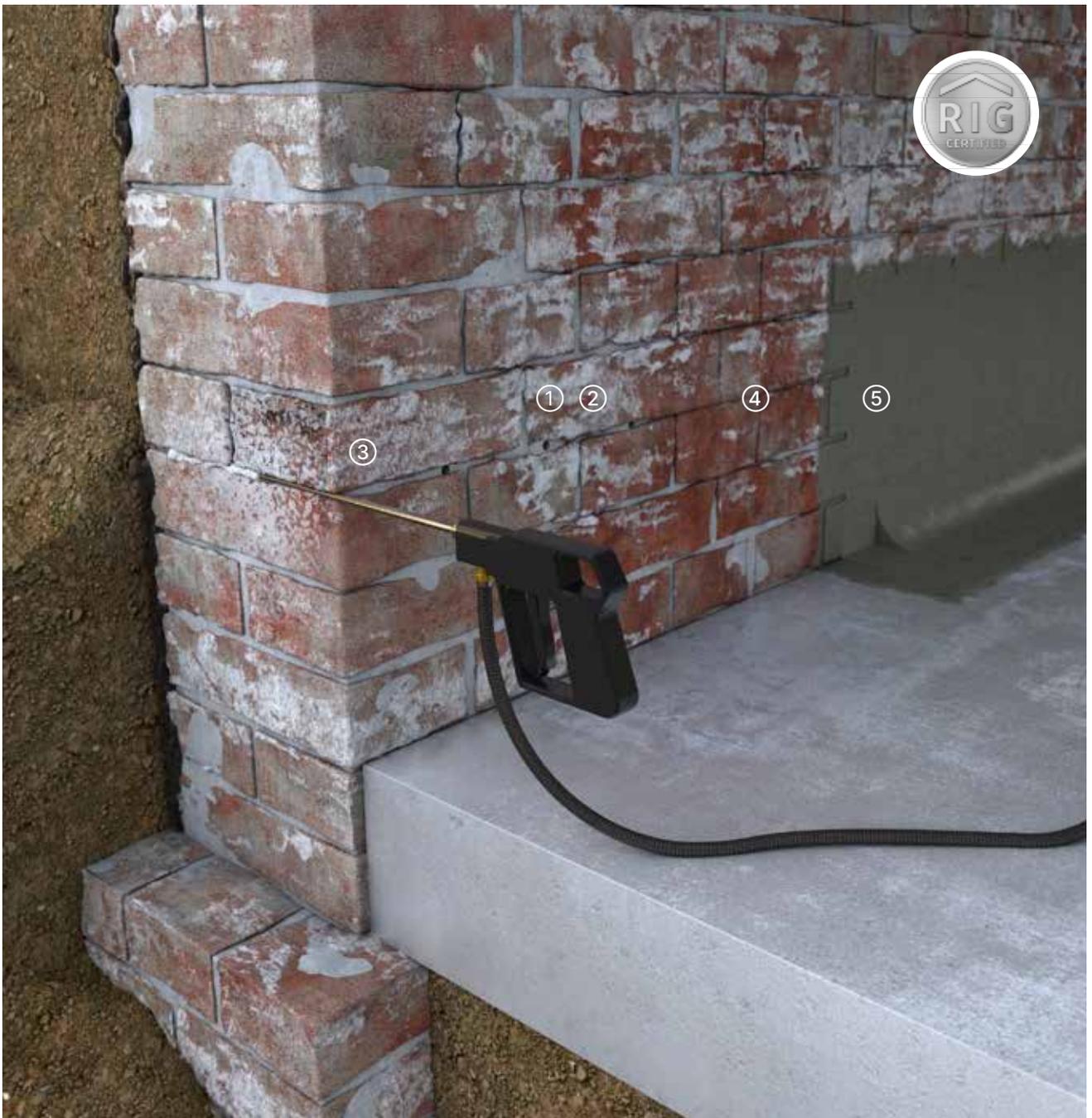
Dieser Part war so auch schon in der Vorgängerbroschüre in EN drin.
Was soll wie überarbeitet werden?



Innovative high-speed formula

The new Kiesol C+

- ✓ Silane cream with encapsulated water in the liquid active substance
- ✓ Injection under gravity up to 95% moisture saturation
- ✓ WTA effectiveness class B (> 90 to < 120 days)



① **Making drill holes**

Drill holes with a diameter of 12 mm at a spacing of 12 cm horizontally into the bed joint.

② **Cleaning the drill holes**

Use oil-free air to blow any drilling dust out of the holes.

③ **Injecting the material**

Use a sealant gun, injection lance, injection kit or suitable machine technology to fill the drill hole with Kiesol C [basic]..

④ **Sealing the drill holes**

Once injection is complete, seal off the drill holes at the surface using WP DS Levell.

⑤ **Supporting measures**

Create a vertical waterproofing strip in the Kiesol system. Apply to at least 30 cm beyond the level of the drill holes.



The advanced procedure with void filling

Water-repellent and fast: the multi-stage pressure injection with void filling

Kiesol iK from Remmers makes it possible

Multi-stage injection is a procedure that was patented in the 1990s. It is still particularly relevant nowadays for masonry with a large number of cavities and a high degree of moisture saturation. In this procedure, which is also called the wet-in-wet procedure, voids are filled and the injection material is inserted into the masonry via the same drill holes, meaning there is no need for laborious re-drilling.

Normally, the first step (stage 1) involves filling the masonry with the shrinkage-compensated, highly sulphate-resistant drill hole suspension BSP with a compressive strength of 3 or 6 N/mm² as required. Soon afterwards, the injection channel can be reopened. It is then time for the most crucial element of the multi-stage injection: Pressurised injection with Remmers Kiesol iK (stage 2). That's all there is to it!

It's no surprise that the procedure has also been used in the past on masonry with no voids, or masonry with very high levels of moisture saturation. This involved injecting Kiesol iK in a first step, then activating it with a subsequent injection of Kiesol. Nowadays, this is no longer necessary. For masonry without large voids, Kiesol C [basic] or Injection Cream 80 is the answer.

Application examples

- ✓ Porous, mineral building materials such as sandstone, fired and sand-lime brick
- ✓ Subsequent cross-sectional waterproofing of masonry at low pressure up to 95% moisture saturation
- ✓ Wet-in-wet procedure (multi-stage injection)

Properties

- ✓ Water-repelling
- ✓ Good penetration characteristics
- ✓ Active ingredient content: 100%
- ✓ Water-dilutable (up to 1:12) for a high yield

① **Primer**

Apply an even layer of Kiesol (1:1 with water) over the prepared substrate. Pre-wet highly absorbent substrates with water.

② **Contact layer**

Within the reaction time of Kiesol, use a grouting brush to apply the bonding layer of WP Sulfatex.

③ **Levelling**

Use WP DS Levell to level out any unevenness while the material is still wet.

④ **Making drill holes**

After the injection region has been plugged, drill holes into the masonry at a spacing of max. 12.5 cm and with a diameter of 18 mm at a 45° angle.

⑤ **Cleaning the drill holes**

Use oil-free air to blow any drilling dust out of the holes.

⑥ **Setting injection packers and filling voids**

Insert the lamella drive-in packer including closure piece for filling (max. 5 bar) into the cleaned hole using a setting tool.

Inject drill hole suspension BSP 3 or BSP 6. Use the test rod to re-pierce the filled holes.

⑦ **Injecting the material**

Use suitable injection apparatus and injection packers to inject Kiesol iK according to the instructions in the Technical Data Sheet.

⑧ **Sealing the drill holes**

After void filling and injection, seal the drill holes with WP DS Levell.

⑨ **Supporting measures**

Create a vertical waterproofing strip in the Kiesol system. Apply to at least 30 cm beyond the level of the drill holes.





Renovation plaster systems for interiors & exteriors

Systems for reliable protection
against moisture and damaging salts

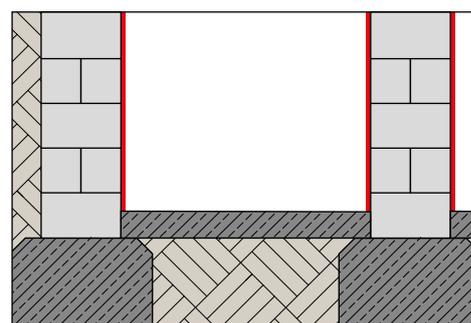
Refurbishment and protection

Functional principles of renovation plaster systems

Renovation plaster systems are used for plastering damp and/or salt-containing masonry. Salts that damage the building material accumulate in the render and are kept away from its surface thanks to the hydrophobic properties of the material. WTA-compliant, single-layer renovation plasters only have limited suitability for salt remediation. This is because the potential for storing salt is limited, there is a risk of the moisture level rising, and the space available for moisture transport is relatively low.

If there are high levels of salt in the substrate, it is recommended to use a renovation plaster system consisting of a WTA-compliant pore undercoat render and a WTA-compliant renovation plaster.

A renovation plaster system with these distinct functions has various properties that can be used to extend the life of the building materials and have an overall positive effect on the building. The pore



undercoat plaster is not water-repelling, which allows salts to enter. The exceptionally high porosity of the material means that it offers plenty of space to store the salts without causing damage. The permanently water-repelling and highly diffusion open renovation plaster allows the wall formers (masonry and undercoat plaster) to dry out while holding the salts back so as to prevent efflorescence and moisture spots at the surface.

	classic system	classic rapid system	advanced system
	low to moderate levels of damaging salts	low to moderate levels of damaging salts, rapid	low to high levels of damaging salts
WTA-compliant renovation plaster systems			
Primer:	–	–	Salt IH / Sulfatex LQ
Joint sealing/ Levelling:	SP Levell	SP Levell	SP Levell
Rough casting:	SP Prep	SP Prep rapid	SP Prep
Pore undercoat plaster:	–	–	SP Levell
Renovation plaster:	SP Top White	SP Top rapid	SP Top White
Surface filler (optional):	SP Fill Q3	SP Fill Q3	SP Fill Q3
Surface finish (optional):	Color SP	Color SP	Color SP



Renovation plaster systems

From research to practical application

Back in the 1990s, Remmers conducted a research project with the University of Münster, in which it developed its two-layer renovation plaster systems with distinct functions. SP Levell, SP Top white and SP Top rapid are the next stage in the evolution of the premium products from the Remmers renovation plaster series, which have proven their worth in years of practical application. Thanks to a special formulation, the renovation plaster can establish their water-repelling effect even at high humidity levels. Selected aggregates give the products an exceptionally high capacity for bonding salts, meaning that they can be used in a single layer for low to moderate salt loads according to WTA.

If the level of damaging salts is in the 'red' zone, the results from the research make one thing clear: it is always recommended to apply two layers with distinct functions. Here, an additional layer of SP Levell is included in the system. This gives the Remmers renovation plaster systems their outstanding salt bonding capacity and ensures their longevity.

Application examples

- ✓ Repair, refurbishment and restoration of damp walls and masonry containing damaging salts
- ✓ Can be used up to moisture saturation levels of <40% without waterproofing
- ✓ Interior walls of basements, old buildings and facades
- ✓ Single-layer renovation plaster can be used as undercoat and finishing coat

Properties

- ✓ High sulphate resistance and low effective alkali content (SR/NA)
- ✓ Water vapour diffusion open
- ✓ Pore hydrophobic (renovation plaster only)
- ✓ Fibre-reinforced
- ✓ Promotes drying
- ✓ Bonds salts
- ✓ Machine-workable

① Preliminary work

Remove any components that could impair adhesion and chase out friable joints to a depth of 2 cm. The substrate must not exhibit any pressing moisture (saturation < 40%). In the case of high levels of harmful salts, the substrate can be pre-treated or primed with Sulfatex LQ and/or Salt IH.

② Rough casting

Throw on SP Prep in clumps (50% coverage).

③ Applying the pore undercoat plaster (advanced system only)

After 24 hours, apply SP Levell at least 15 mm thick and roughen with a grated scraper while wet.

④ Renovation plaster application

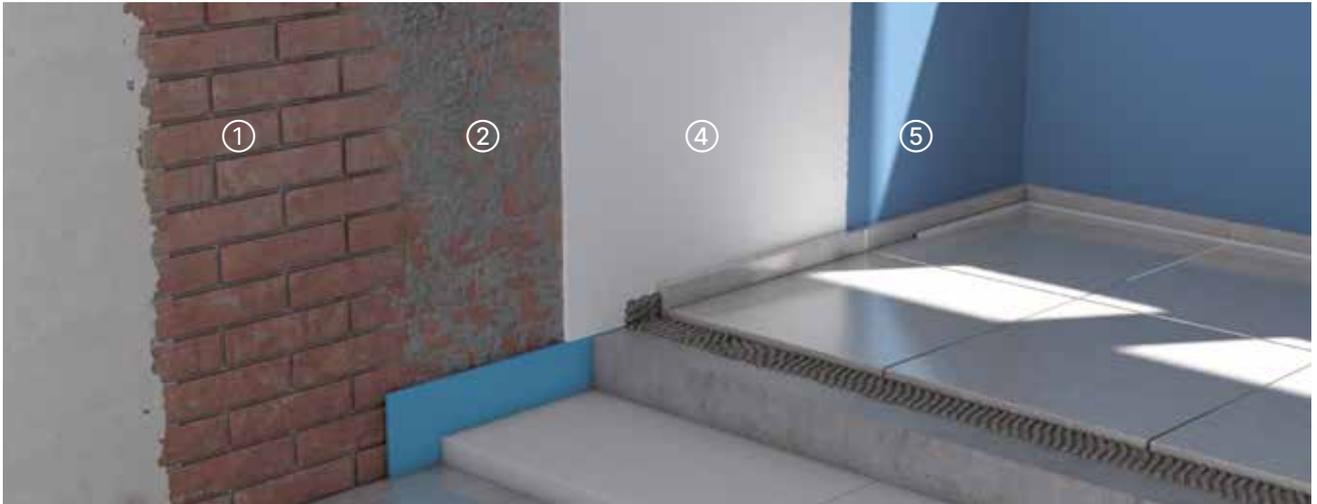
Apply SP Top White after 24 hours. Use a stainless steel tool to level and work the wet surface. Once incipient stiffening has occurred, rub the SP Top white with a sponge float and a small amount of water, or – optionally – comb it and apply fine plaster over the top. In the classic rapid system, use SP Top rapid instead of SP Top White.

⑤ Surface finish (optional)

Apply a finishing coat of the diffusion open special coating Color SP.

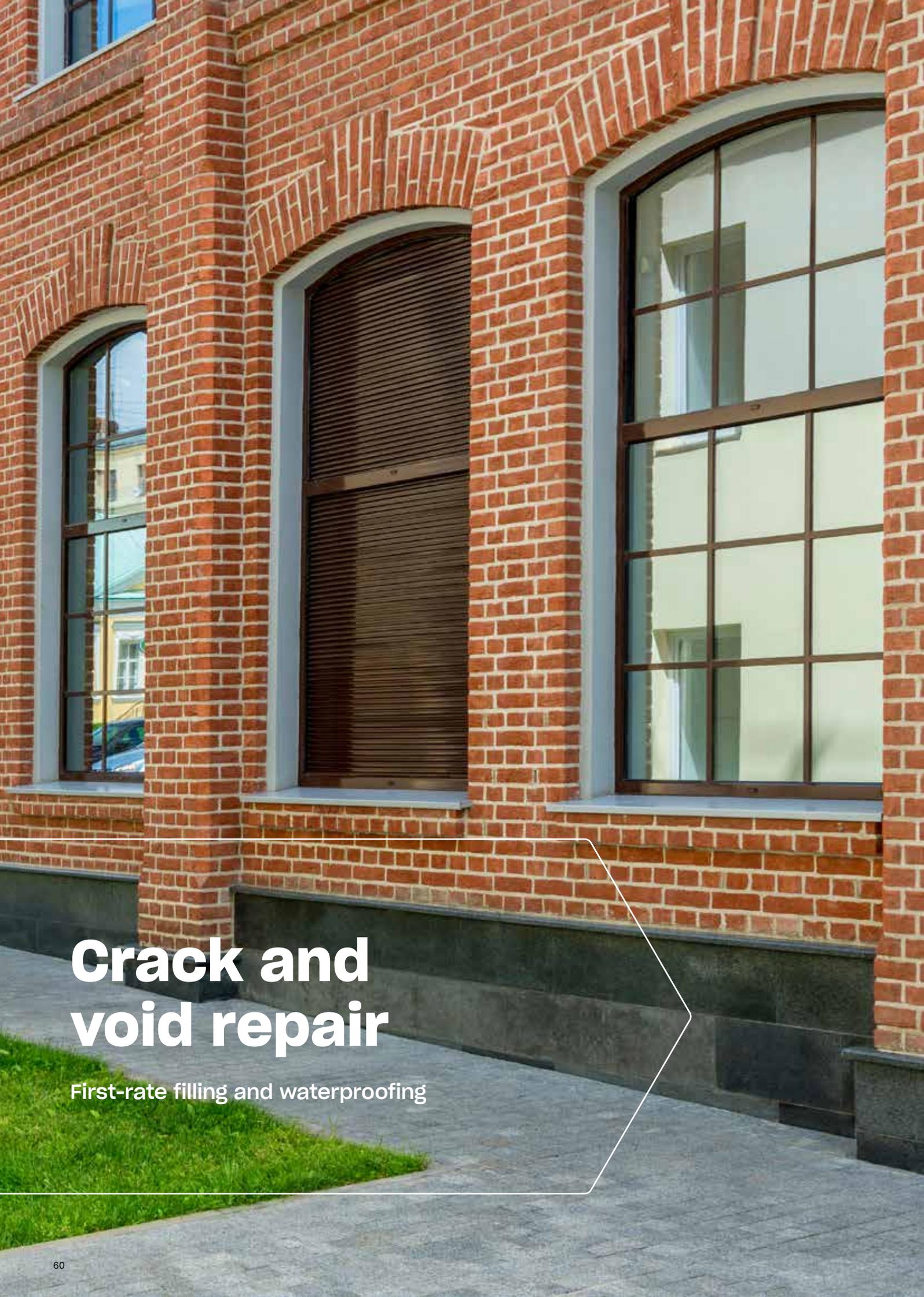
	Low levels of damaging salts [% mass]	Moderate levels of damaging salts [% mass]	High levels of damaging salts [% mass]
Chlorides:	< 0.2	0.2 – 0.5	> 0.5
Nitrates:	< 0.1	0.1 – 0.3	> 0.3
Sulphates:	< 0.5	0.5 – 1.5	> 1.5

classic system or classic rapid system



advanced system





Crack and void repair

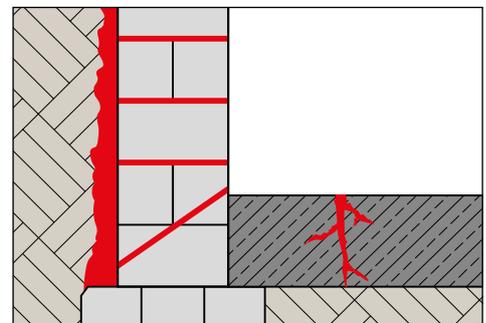
First-rate filling and waterproofing

Water-pressure-tight curtain injection and crack filling

System solutions without laborious excavation work – Remmers injection technology

Injection techniques are used to solve a variety of problems in building refurbishment. They are often employed to restore the basic condition of a structure by filling cracks, joints or voids, sealing them up so that they are also – or exclusively – protected against moisture penetration. In this context, injections into building structures constitute an important group of procedures – especially when it comes to measures for protecting and repairing reinforced concrete.

Moreover, injection can be used to create a flat waterproofing seal on the outer face – this is known as curtain injection. It is used when exposing or excavating the exterior wall structure would be too costly or is not possible at all.



Curtain injection

Waterproofing from the inside out

Curtain injections are used whenever it is not possible to excavate the basement because of other structures in the way, or other obstacles (e.g. pipelines). As a rule, waterproofing injections into the foundation soil can be used as independent waterproofing for all levels of water load. See also WTA Leaflet 5-20-2009.

The injection material is injected from the inside into the surrounding subsoil. Here, IG Acryl 3K from Remmers – a water-swellable injection gel on an acrylate/methacrylate base – acts as a long-term waterproofing agent, strengthener and stabiliser.

Supporting measures such as controlled ventilation, drying measures, or injections to protect against rising damp, can also be used depending on the circumstances. Various WTA leaflets containing detailed information on these measures are available (see p. 4, WTA Leaflet 5-20-2009).

① Making drill holes

Using a suitable drilling template, make drill holes in accordance with the specifications of WTA Leaflet 5-20-09/D.

② Placing packers

Insert packers in the drill holes and fix in place.

③ Gel curtain injection

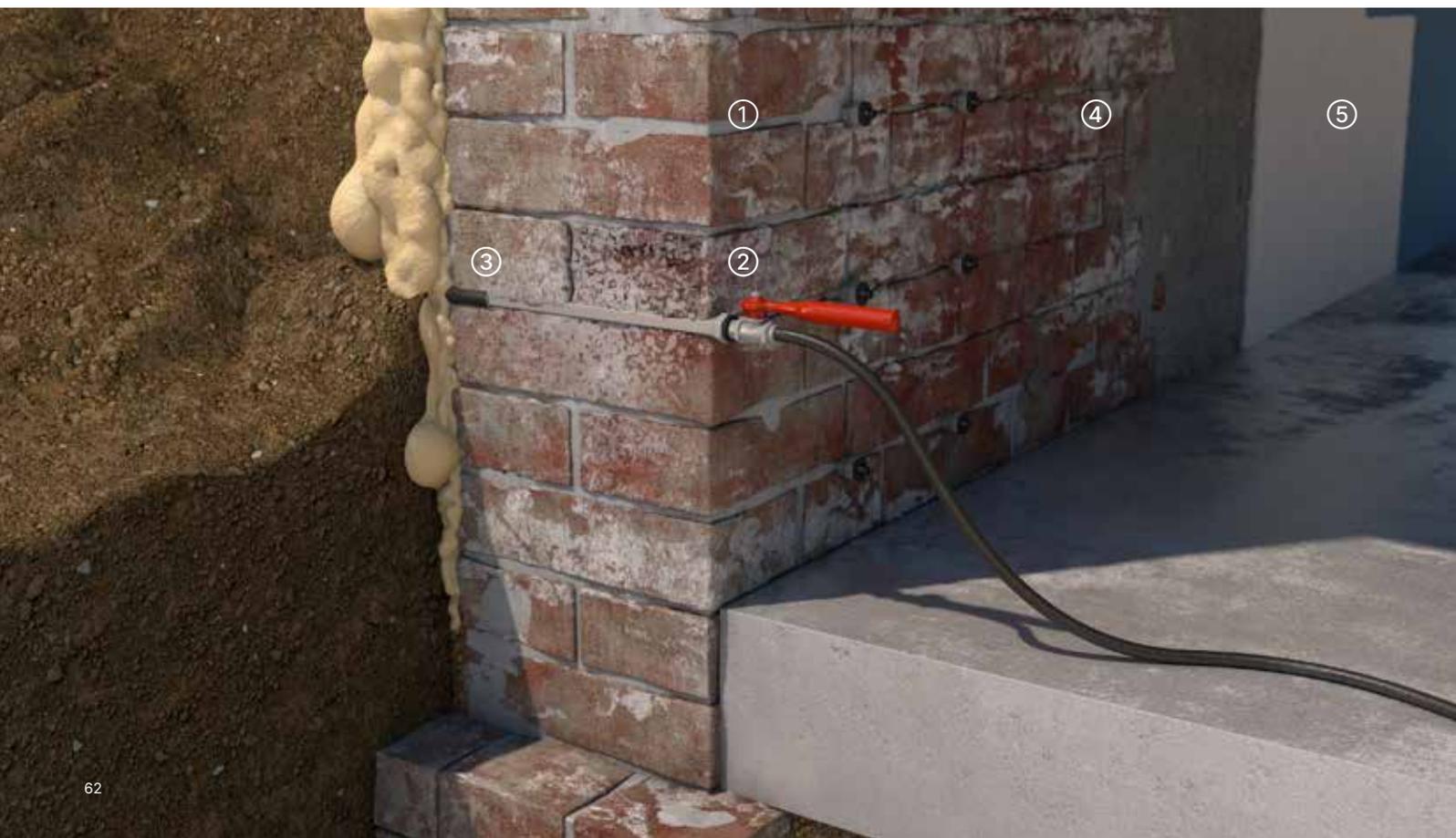
Using a suitable 2-component pump, inject the prepared components of IG Acryl 3K into the subsoil.

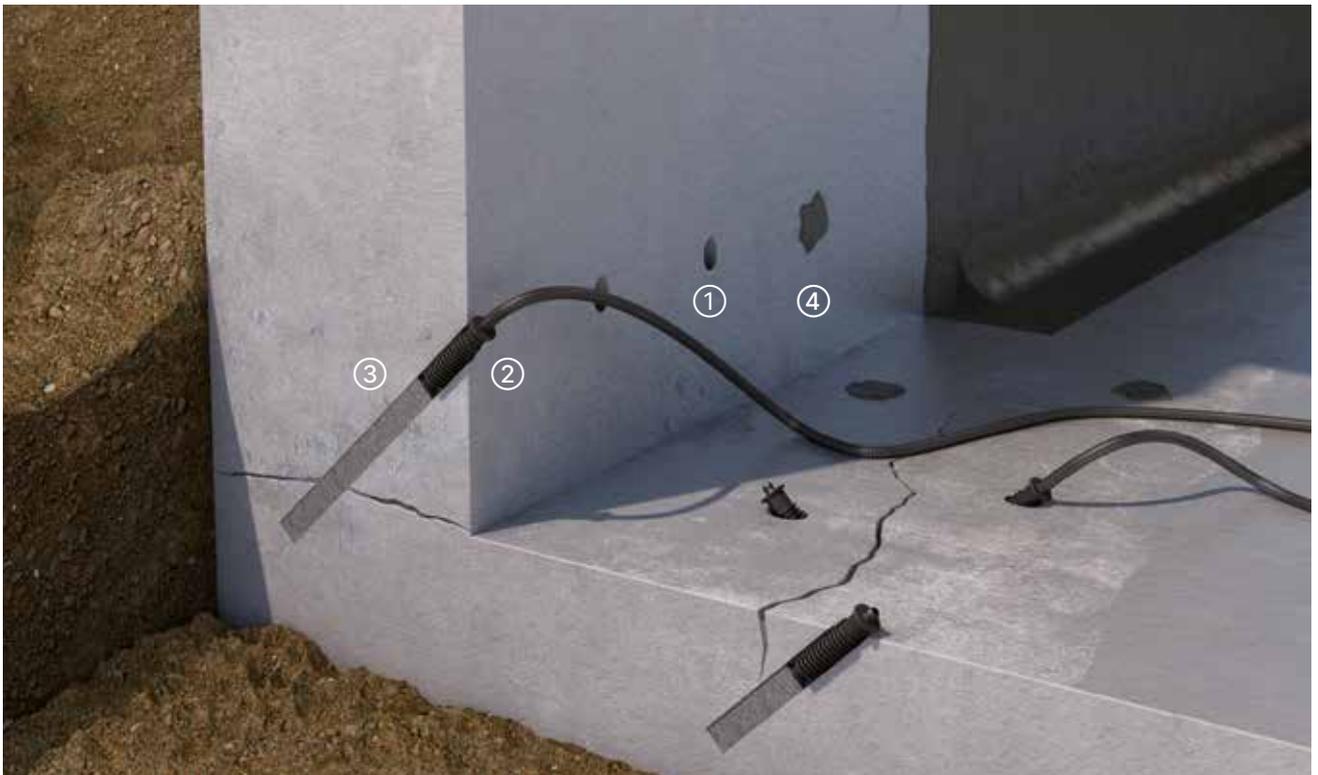
④ Sealing the drill holes

Once the gel has reacted (solidified), remove the packer and seal the drill holes with WP DS Levell.

⑤ Renovation plaster (optional)

Apply a suitable Remmers renovation plaster system.





Crack injection

Quick and reliable sealing of water-bearing cracks

A large number of water leaks – and the associated ingress of harmful substances into the building material – occur as a result of cracks, voids or defective joints. Not only does this impede the use of the adjoining rooms, it also causes major damage to the building substance. The most common causes of cracks include:

- ✓ Shrinkage due to inadequate after-treatment
- ✓ Inherent stress of the building element

In order to successfully and permanently seal defective areas of this type, it is crucial not only to possess detailed knowledge of the cause, type and characteristics of the crack, but also to select a suitable injection material. Remmers offers a range of polyurethane-based injection resins for damp or water-bearing cracks. Our resins can be used to create expandable connections in masonry and concrete structures.

- ① **Making drill holes**
Drill holes on both sides in an offset pattern along the path of the crack at an angle of 45°.
- ② **Placing packers**
Blow out any drilling dust, then insert injection packers in the drill holes and fix in place.
- ③ **Crack injection**
Inject the prepared injection resin (IR PUR 250, IR PUR 2K rapid and/or IR PUR 2K 150 depending on the application).
- ④ **Sealing the drill holes**
Once the injection resin has reacted (hardened), remove/knock off the packers. Seal the drill holes with WP DS Levell.

System solutions for subsequent building waterproofing



Overview

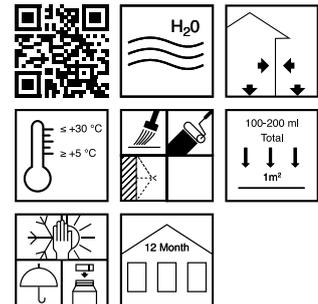
Silicification concentrates/primers	66
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Kiesol MB

Special primer

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

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



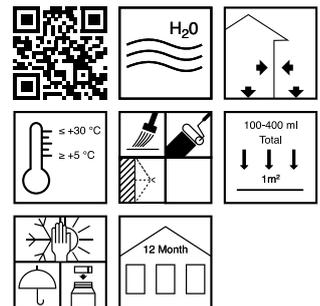
System products	Art. no.
MB 2K	(3014)
MB 2K [eco]	(2940)
MB 1K rapid	(0851)
Remmers PMBCs	
Remmers waterproofing slurries	

Primer Hydro F

Aqueous primer with strengthening effect

Range of use	<ul style="list-style-type: none"> ▪ Sanding, absorbent mineral substrates ▪ Under ceramic coverings
Property profile	<ul style="list-style-type: none"> ▪ Strengthens the surface ▪ Evens out absorption ▪ Fast drying ▪ Aqueous
Application rate	▪ Approx. 0.1 - 0.4 l/m ² depending on the substrate

Quantity per pallet	90	24
Packaging unit	5 l	30 l
	Plastic canister	Plastic canister
Container code	05	30
Art. no.		
2842	■	■



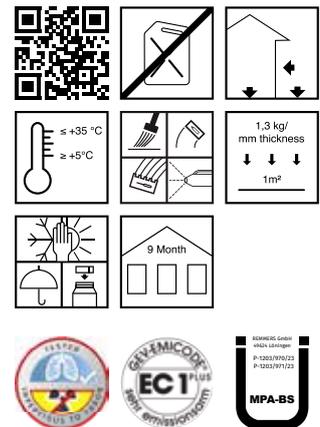
System products	Art. no.
FL fix white	(2850)
FF 1K	(2868)
FL fix [basic]	(2859)
FL fix	(2817)
FL fix rapid	(2866)

MB 1K rapid

Single-component, versatile building waterproofing product

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

Quantity per pallet	45	44	18
Packaging unit	5 kg	10 kg	25 kg
	Plastic bucket	Plastic bucket	Plastic bucket
Container code	05	10	25
Art. no.			
0851	■	■	■
Minimum order quantity: 45 × 5 kg (pallet)			



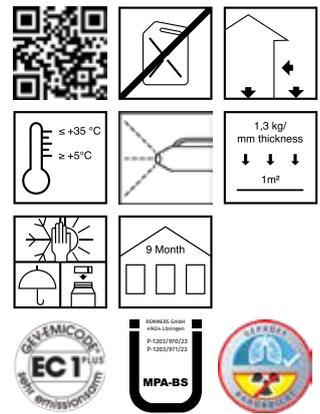
System products	Art. no.
Tape F	(4822)
Protect MKT 1*	(3024)
Kiesol MB	(3008)
WP DS Levell	(0426)
WP DKS rapid [basic]	(0423)
VM Fill	(0517)
VM Fill rapid	(0519)
FL fix	(2817)
Color PA	(6500)
DS Protect	(0823)
Tex 4.8/100	(4183)

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

MB 1K S

Single-component, versatile building waterproofing product for machine application

Range of use	<ul style="list-style-type: none"> Waterproofing new buildings Installation depths > 3 m in the ground Connections to water-impermeable concrete constructions Cross-sectional waterproofing in and under walls Plinth and render waterproofing Subsequent exterior waterproofing of existing buildings Bonding layer on old bitumen 	
Property profile	<ul style="list-style-type: none"> Can be applied as a slurry, by brush or by spraying Fast adhesive bonding, even on non-mineral substrates Very low emissions (GEV-EMICODE EC 1Plus) Highly flexible, ductile and crack-bridging Radon impermeability (verified through testing) Water pressure-tight Can be painted and plastered over Fast, crosslinker-assisted complete drying Resistant to frost/de-icing salts 	
Application rate	<ul style="list-style-type: none"> Min. 1.3 kg/m²/mm dry layer thickness 	
Quantity per pallet	18	1
Packaging unit	25 kg Plastic bucket	1000 kg Container
Container code	25	61
Art. no.		
0852	■	■



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

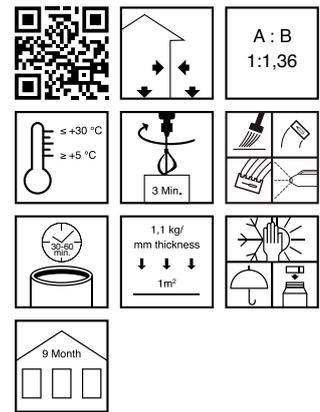
*Use biocides safely. Always read the label and product information before use.

MB 2K

Versatile building waterproofing that 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"> ▪ Rapid waterproofing ▪ Waterproofing new buildings ▪ Horizontal waterproofing in and under walls ▪ WTA-compliant waterproofing in existing buildings ▪ Installation depths > 3 m in the ground ▪ Approved for connections to water-impermeable concrete constructions ▪ Base and footing waterproofing ▪ Composite waterproofing ▪ Bonding layer on old bitumen
Property profile	<ul style="list-style-type: none"> ▪ Tested crack bridging of more than 3 mm (acc. to DIN EN 14891) ▪ Fast drying and cross-linking after 18 hours at 5 °C and 90% RH ▪ Satisfies the test requirements for PMBCs ▪ Radon impermeability (verified through testing) ▪ Very low emissions (GEV-EMICODE EC 1^{Plus}) ▪ Solvent-free ▪ Bitumen-free ▪ Water pressure-tight ▪ High adhesive pull strength ▪ Very good adhesion even on non-mineral substrates (e.g. plastics, metals) ▪ Highly flexible, ductile and crack-bridging ▪ Short time until ready for covering (≥ 4h) ▪ UV-resistant ▪ Resistant to frost/de-icing salts ▪ Can be painted and plastered over ▪ Can be applied as a slurry, by trowel, brush or spraying
Application rate	<ul style="list-style-type: none"> ▪ Min. 1.1 kg/m²/mm dry layer thickness

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

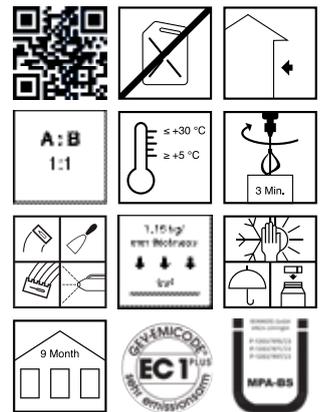


System products	Art. no.
Kiesol MB	(3008)
WP DS Levell	(0426)
VM Fill rapid	(0519)
Protect MKT 1*	(3024)
VZ MB	(3005)
VM Fill	(0517)
Kiesol	(1810)
Remmers waterproofing slurries	
*Use biocides safely. Always read the label and product information before use.	

MB 2K [eco]

Two-component, versatile building waterproofing made from renewable raw materials

Range of use	<ul style="list-style-type: none"> ▪ Rapid waterproofing ▪ Waterproofing new buildings ▪ Installation depths > 3 m in the ground ▪ Mineral substrates ▪ 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) ▪ Waterproofing of new buildings according to DIN 18533 for water impact class W1-E, W2.1-E, W3-E and W4-E ▪ Base and footing waterproofing ▪ Bonding layer on old bitumen
Property profile	<ul style="list-style-type: none"> ▪ Very low emissions (GEV-EMICODE EC 1^{Plus}) ▪ Fast drying and cross-linking after 24 hours at 5 °C and 90% RH ▪ Solvent-free ▪ Bitumen-free ▪ Water pressure-tight ▪ Radon impermeability (verified through testing) ▪ High adhesive pull strength ▪ Highly flexible, ductile and crack-bridging ▪ Can be painted and plastered over ▪ Can be applied as a slurry, by trowel, brush or spraying ▪ Very good adhesion even on non-mineral substrates (e.g. plastics, metals) ▪ UV-resistant
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.15 kg/m²/mm dry layer thickness ▪ Approx. 4.6 kg/m² for a 4 mm layer thickness



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	■

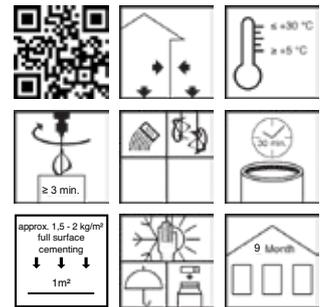
System products	Art. no.
WP DKS rapid [basic]	(0423)
WP DS [basic]	(0405)
WP DS Levell	(0426)
MB ADD S	(3079)
DS Protect [basic]	(0815)
DS Protect	(0823)
Selectmix RMS	(6752)
Tex 4/100	(3880)
Tape VF 120 [eco]	(4827)

MB Fix 2K

Lightweight, bitumen-free reactive insulation board adhesive

Range of use	<ul style="list-style-type: none"> ▪ Bonding perimeter and base insulation boards to mineral substrates and existing waterproofing ▪ Bonding insulation boards together
Property profile	<ul style="list-style-type: none"> ▪ High-yield thanks to air pores formed when stirring ▪ Very good adhesion ▪ Safe and fast reaction behind insulation boards ▪ No long waits to apply filler, even in unfavourable climate conditions ▪ Highly stable ▪ Easy to use and versatile ▪ Durable ▪ Bitumen- and solvent-free
Application rate	<ul style="list-style-type: none"> ▪ Depending on the substrate properties and density achieved <ul style="list-style-type: none"> ▪ Approx. 3 to 4 kg/m² for full-surface bonding using the buttering-floating method ▪ Approx. 1.5 to 2 kg/m² for full-surface bonding using the buttering or floating method

Quantity per pallet	18
Packaging unit	16.5 kg
	Combi-container (1 × 9.9 kg powder + 1 × 6.6 kg polymer)
Container code	17
Art. no.	
0855	■



System products	Art. no.
DS Protect ^[basic]	(0815)
DS Protect	(0823)
VZ MB	(3005)
Remmers FPDs	
Remmers PMBCs	
Twin-shaft stirrer	

MB 2K Window Kit

Pre-assembled kit for waterproofing full-length windows

Range of use	<ul style="list-style-type: none"> ▪ Waterproofing full-length windows
Property profile	<ul style="list-style-type: none"> ▪ CONTENTS MB 2K Window Kit: <ul style="list-style-type: none"> - Instructions for use - MB 2K (8.3 kg) - Collomix stirrer WK 70 S - Tape VF 120 (10 m roll adhesive tape) - Tape VF 100 IC (4x internal corners) - Tape VF 75 EC (4x external corners) - Abrasive sponge - Kana® KanaClassic corner brush - Flat brush
Quantity per pallet	18
Packaging unit	1 pc
Container code	01
Art. no.	
3137	▪

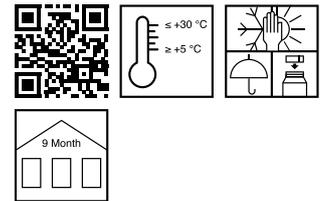


System products	Art. no.
MB 2K	(3014)
Tape VF series	

VZ MB

Liquid retarding agent

Range of use	<ul style="list-style-type: none"> Slows the setting rate
Property profile	<ul style="list-style-type: none"> Retarding and plasticising effect
Application rate	<ul style="list-style-type: none"> Max. 1.0% with MB 2K based on total quantity Max. 0.5% with Betofix OS 5b+ based on total quantity
Quantity per pallet	240
Packaging unit	10 × 1 l
	Carton
Container code	01
Art. no.	
3005	■



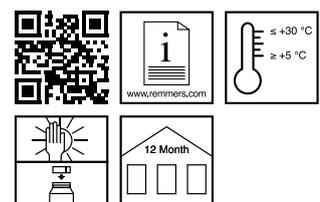
System products	Art. no.
MB 2K	(3014)

Protect MKT 1

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

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

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



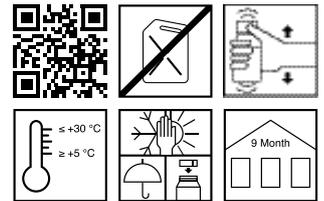
System products	Art. no.
MB 2K	(3014)
MB 1K rapid	(0851)

MB ADD S

Additive for spray application

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

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



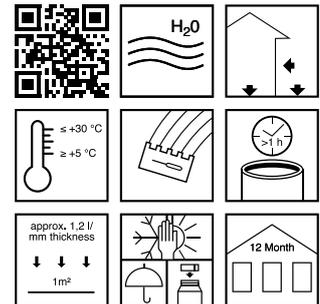
System products	Art. no.
MB 2K	(2940)
Betofix OS 5b+	(1113)
MB 2K	(3014)
MB 1K rapid	(0851)

BIT 2K [basic]

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

Range of use	<ul style="list-style-type: none"> Waterproofing with ground contact in new and old buildings Water impact classes W1.1-E, W1.2-E, W2.1-E, W3-E and W4-E (splashwater only) acc. to DIN 18533 Subsequent building waterproofing acc. to WTA Leaflet 4-6
Property profile	<ul style="list-style-type: none"> Solvent-free Water pressure-tight Highly flexible, ductile and crack-bridging Radon impermeability (verified through testing)
Application rate	<ul style="list-style-type: none"> Approx. 1.2 l/m²/mm dry layer thickness Approx. 3.5 - 4.5 l/m² with full-surface bonding of panels Min. 1.5 l/m² as perimeter adhesive for local bonding

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



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

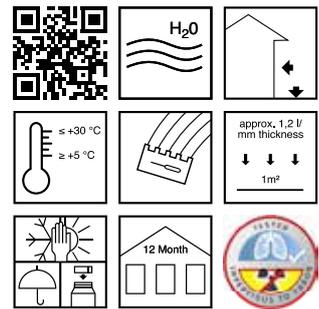
BIT 1K [basic]

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

Range of use	<ul style="list-style-type: none"> Waterproofing with ground contact in new and old buildings Water impact classes W1.1-E, W1.2-E, W2.1-E, W3-E and W4-E (splashwater only) acc. to DIN 18533 Subsequent building waterproofing acc. to WTA Leaflet 4-6
Property profile	<ul style="list-style-type: none"> Solvent-free Water pressure-tight Highly flexible, ductile and crack-bridging Radon impermeability (verified through testing)
Application rate	<ul style="list-style-type: none"> Approx. 1.2 l/m²/mm dry layer thickness



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



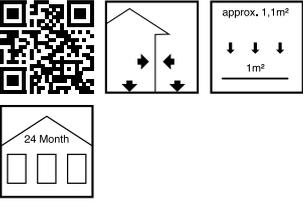
System products	Art. no.
Kiesol	(1810)
WP DS Levell	(0426)
BIT ADD S	(0869)
Kiesol MB	(3008)
Tex 4.8/100	(4183)
DS Protect	(0823)
Bit Primer [basic]	(0824)
MB 2K	(3014)
Ilack C	(0814)
Pipe Flange	(4350)
Remmers waterproofing slurries	

Tex 4.8/100

Reinforcement fabric made of E-glass with polymer sheathing

Range of use	<ul style="list-style-type: none"> Reinforcement inlay for polymer-modified bitumen thick coatings (PMBCs) Reinforcement inlay for flexible polymer-modified thick coatings (FPDs)
Property profile	<ul style="list-style-type: none"> Rot-proof Alkali resistant
Application rate	<ul style="list-style-type: none"> Approx. 1.1 m²/m² Tex 4.8/100

Quantity per pallet	48
Packaging unit	1.0 × 50 m Roll
Container code	02
Art. no.	
4183	■



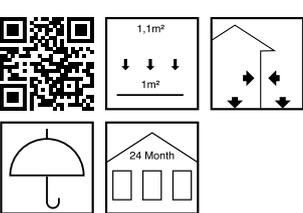
System products	Art. no.
Remmers PMBCs	

Tex 5/100 [eco]

Reinforcement fabric made of natural fibres

Range of use	<ul style="list-style-type: none"> Reinforcement inlay in MB 2K [eco] Compensating for movements in the substrate Crack repair
Property profile	<ul style="list-style-type: none"> Made from renewable raw materials Permanently elastic Does not slide
Application rate	<ul style="list-style-type: none"> Approx. 1.1 m²/m²

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

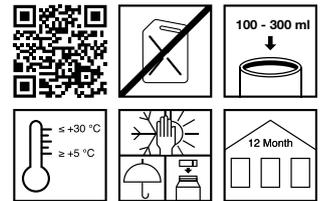


System products	Art. no.
MB 2K	(2940)

BIT ADD S

Additive for PMBCs for spray application

Range of use	<ul style="list-style-type: none"> ▪ Spray application of PMBCs
Property profile	<ul style="list-style-type: none"> ▪ Solvent-free ▪ Liquefying
Application rate	<ul style="list-style-type: none"> ▪ 100 - 300 ml per container
Quantity per pallet	432
Packaging unit	6 × 1 l Plastic bottle
Container code	01
Art. no.	
0869	■

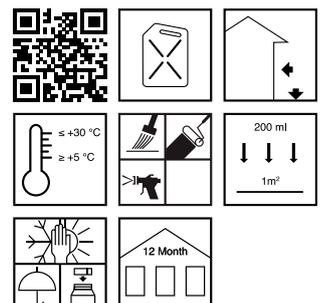


System products	Art. no.
BIT 2K	(0871)
BIT K2	(0888)

Ilack C

Cream-like protective bitumen coating, solvent-based

Range of use	<ul style="list-style-type: none"> ▪ Priming on old bituminous substrates (with sprinkling finish) ▪ Protective coating on concrete, masonry and render in the ground 	
Property profile	<ul style="list-style-type: none"> ▪ Cream form ▪ Solvent-based ▪ Moisture-resistant ▪ Resistant to heat and cold 	
Application rate	<ul style="list-style-type: none"> ▪ Min. 0.20 l/m² per coat 	
Quantity per pallet	96	22
Packaging unit	5 l Tin bucket	20 l Tin bucket
Container code	05	20
Art. no.		
0814	■	■



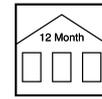
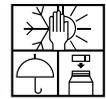
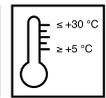
System products	Art. no.
Remmers PMBCs	

Bit Primer [basic]

Solvent-free bitumen emulsion

Range of use	<ul style="list-style-type: none"> Protective coating on concrete, masonry and render in the ground Primer under bituminous waterproofing (PMBCs) Capillary sealer
Property profile	<ul style="list-style-type: none"> Solvent-free Moisture-resistant Resistant to heat and cold Water-dilutable
Application rate	<ul style="list-style-type: none"> Priming: min. 0.025 kg/m² (1:10 with water) Protection: min. 0.25 kg/m² per coat

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	■	■	■



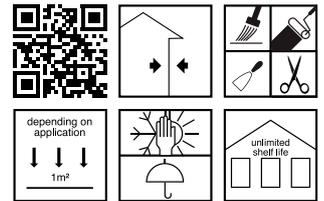
Tape VF 120

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

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



Quantity per pallet	48	120	600	50
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			■



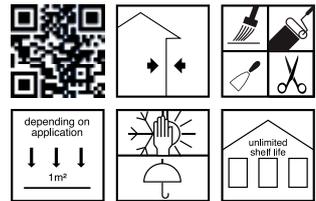
System products	Art. no.
MB TX 2K	(3004)
WP Flex 1K	(0445)
MB 2K	(3014)
Betofix OS 5b+	(1113)
MB FL 2K	(3001)

Tape VF 120 [eco]

Premium sealing tape based on NBR rubber

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

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 / Internal Corner	4828		■
TAPE VF 75 [eco] EC / External Corner	4829		■



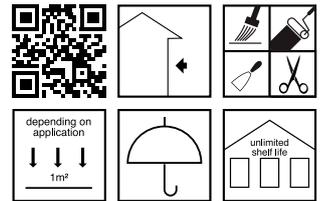
System products	Art. no.
MB 2K [eco]	(2940)

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

Quantity per pallet	110
Packaging unit	2 pcs Carton
Container code	01
Art. no.	
blue	4802



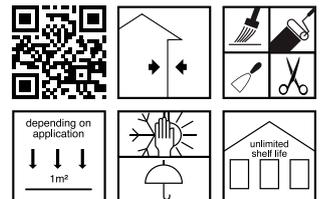
System products	Art. no.
MB 2K	(3014)

Tape VF 500

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

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

Quantity per pallet	48
Packaging unit	10 m Roll
Container code	01
Art. no.	
Tape VF 500 / Joint Tape VF 500	5075



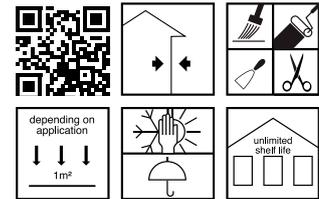
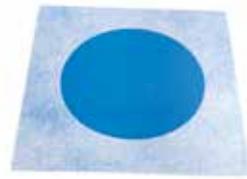
System products	Art. no.
WP Flex 1K	(0445)
MB 2K	(3014)

Tape VF 350 HC

Sealing sleeve for pipe penetrations

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

Quantity per pallet	50
Packaging unit	5 pcs Carton
Container code	01
Art. no.	
blue	4804



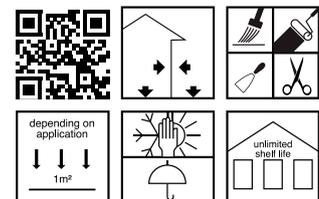
System products	Art. no.
WP Flex 1K	(0445)
MB 2K	(3014)
Remmers PMBCs	

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"> ▪ Interiors and exteriors ▪ Waterproofing in transitions to WI concrete structures (PG-ÜBB) ▪ Composite waterproofing ▪ Plinth waterproofing ▪ Applying flexible polymer-modified thick coatings ▪ Building waterproofing with ground contact ▪ Secure and water-tight sealing of internal corners and joints ▪ Connections to adjacent components ▪ Connections to non-mineral components ▪ Application in conjunction with crack-bridging, mineral waterproofing slurries (MDS) and flexible, polymer-modified thick coatings (FPD)
Property profile	<ul style="list-style-type: none"> ▪ Highly flexible ▪ High stretch and resilience ▪ Special fabric coating
Application rate	<ul style="list-style-type: none"> ▪ As needed

Quantity per pallet	24
Packaging unit	50 m Roll
Container code	01
Art. no.	
	4805



System products	Art. no.
MB TX 2K	(3004)
MB FL 2K	(3001)
WP Flex 1K	(0445)
MB 2K	(3014)

Tape F

Reinforcement fabric for 1K multi-functional building waterproofing

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

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



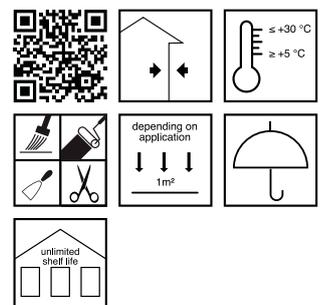
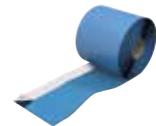
System products	Art. no.
MB 1K S	(0852)
MB 1K rapid	(0851)

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

Quantity per pallet	24
Packaging unit	25 m
	Roll
Container code	01
	Art. no.
4803	■



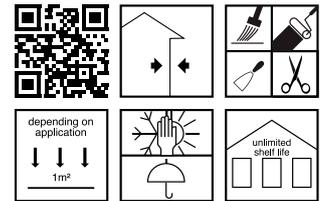
System products	Art. no.
MB 2K	(3014)
WP Flex 1K	(0445)
Remmers PMBCs	

Tape XA 100/XA 250

Fabric-coated, self-adhesive butyl sealing tape

Range of use	<ul style="list-style-type: none"> ▪ Interiors and exteriors ▪ 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
Property profile	<ul style="list-style-type: none"> ▪ Flexible ▪ High adhesive strength ▪ Special fabric coating ▪ Water tight
Application rate	<ul style="list-style-type: none"> ▪ As needed

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	■



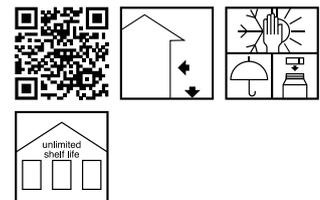
System products	Art. no.
WP Flex 1K	(0445)
MB 2K	(3014)
Remmers PMBCs	

Tape B 240 E / Tape B 240

Water stop for waterproofing building dividing joints

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

Quantity per pallet	140	24
Packaging unit	7 m Roll	30 m Roll
Container code	01	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)

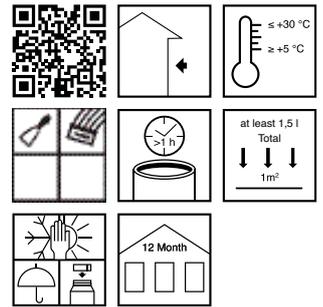
BITUMINOUS INSULATING BOARD ADHESIVE

BIT 2K Fix [basic]

Solvent-free, bituminous insulating board adhesive, 2K

Range of use	<ul style="list-style-type: none"> Adhesive for insulating boards on mineral and bituminous substrates Adhesive for bonding insulating boards together
Property profile	<ul style="list-style-type: none"> Solvent-free High adhesive strength Resistant to concrete-damaging water (DIN 4030 XA3)
Application rate	<ul style="list-style-type: none"> Min. 1.5 l/m²

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



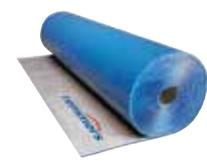
System products	Art. no.
MB 2K	(3014)
Kiesol MB	(3008)
DS Protect	(0823)
Remmers PMBCs	

DS Protect

Highly durable, 3-layer protective sheet with decoupling function

Range of use	<ul style="list-style-type: none"> Protection for waterproofing with ground contact in new/old builds Protective layer according to DIN 18533 Protective layer according to WTA Code of Practice 4 - 6 Vertical drain element according to DIN 4095 Horizontal drain element in multi-storey and underground car parks
Property profile	<ul style="list-style-type: none"> High compressive strength Good water drainage Resistant to rot
Application rate	<ul style="list-style-type: none"> Approx. 1.1 m²/m²

Quantity per pallet	6	6
Packaging unit	2 m x 20 m = 40 m ²	2 m x 12.5 m = 25 m ²
	Roll	Roll
Container code	01	25
Art. no.		
0823	■	■



System products	Art. no.
DS Protect AL	(0819)
DS Protect Clip	(0818)
MB 2K	(3014)
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"> Fastening and assembly aid for DS Protect Holder for DS Protect AL
Property profile	<ul style="list-style-type: none"> Self-sealing in connection areas Flexible UV and temperature resistant
Application rate	<ul style="list-style-type: none"> Approx. 4 pcs/m
Quantity per pallet	80
Packaging unit	50 pcs
	Bag
Container code	01
Art. no.	
0818	■



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

DS Protect AL

Finishing strip for DS Protect

Range of use	<ul style="list-style-type: none"> Decorative connector for DS system protection Protects the drain level of DS Protect
Property profile	<ul style="list-style-type: none"> Flexible UV and temperature resistant
Quantity per pallet	150
Packaging unit	20 pcs
	Carton
Container code	01
Art. no.	
2 m per pc	0819 ■



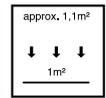
System products	Art. no.
DS Protect Clip	(0816)
DS Protect	(0823)
DS Protect	(0815)
DS Protect Clip	(0818)

DS Protect [basic]

3-layer protective system made of recycled PET

Range of use	<ul style="list-style-type: none"> Protection for waterproofing with ground contact in new/old builds Protective layer according to DIN 18533 Protective layer according to WTA Code of Practice 4 - 6 Vertical drain element according to DIN 4095
Property profile	<ul style="list-style-type: none"> Recycled PET Good water drainage
Application rate	<ul style="list-style-type: none"> Approx. 1.1 m²/m²

Quantity per pallet	6
Packaging unit	1.25 m x 14 m = 17.5 m ² Roll
Container code	01
Art. no.	
0815	■



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

WATERPROOFING ACCESSORIES

DS Protect Clip [basic]

Holder for DS Protect [basic] and DS Protect AL

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



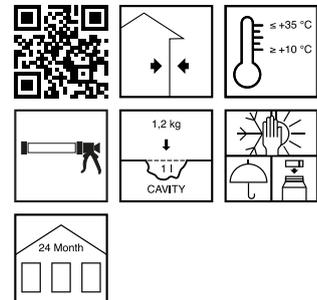
System products	Art. no.
DS Protect [basic]	(0815)
DS Protect AL	(0819)

WATERPROOFING PROTECTION

Stopaq

Non-hardening, swellable sealant

Range of use	<ul style="list-style-type: none"> Non-hardening waterproofing of cables, lines and pipes For water loads from the rear Water and waste-water applications Sealing off water-bearing leaks 	
Property profile	<ul style="list-style-type: none"> Water pressure-tight up to 0.3 bar Gas impermeable Resistant to ageing Permanently plastic Expands on contact with water 	
Application rate	<ul style="list-style-type: none"> Approx. 1.2 kg/l void 	
Quantity per pallet	48	900
Packaging unit	10 kg Plastic bucket	25 × 310 ml Cartridge
Container code	10	25
Art. no.		
7810	■	■



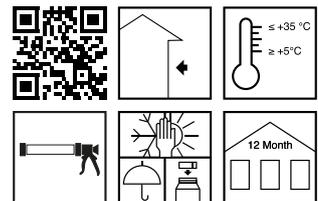
System products	Art. no.
Round Cord	(4260)
WP DS Levell	(0426)
Betofix R4	(1096)

Pipe Flange

Special flange + adhesive for waterproofing pipe penetrations

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

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					■	■

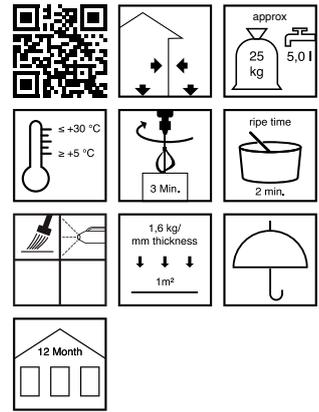


System products	Art. no.
MB 2K	(3014)
Remmers PMBCs	

WP Sulfatex

Rigid mineral waterproofing slurry with high sulphate resistance

Range of use	<ul style="list-style-type: none"> Subsequent waterproofing of basements Subsequent plinth waterproofing Waterproofing of vessels against water pressing from the inside Rear moisture protection for waterproofing with ground contact Components in contact with drinking water Substrates contaminated with salt WW waterproofing slurry as per DIN 19573
Property profile	<ul style="list-style-type: none"> Very low emissions (GEV-EMICODE EC 1^{Plus}) Water pressure-tight High sulphate resistance and low effective alkali content (SR/NA) Excellent adhesion to the substrate Water vapour diffusion open Chemical resistance according to DIN 4030 up to attack level XA2
Application rate	<ul style="list-style-type: none"> Approx. 1.6 kg/m²/mm layer thickness
Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
grey	0430 ■



System products	Art. no.
Kiesol C+	(0743)
Kiesol MB	(3008)
Kiesol	(1810)
Kiesol iK	(1813)
MB 2K	(3014)
Remmers refurbishment renders	

WP Sulfatex rapid

Fast-setting sealing mortar with high sulfate resistance, for application as a slurry or filler

Range of use	<ul style="list-style-type: none"> Subsequent waterproofing of basements Subsequent plinth waterproofing Protection against rear moisture penetration for waterproofing with ground contact Waterproofing of vessels against water pressing from the inside Water-tight fast repair of defective areas Joint and surface filler For producing sealing coves Substrates contaminated with salt
Property profile	<ul style="list-style-type: none"> Single layer thickness up to 50 mm High sulphate resistance and low effective alkali content (SR/NA) Fast setting Water pressure-tight Slurry to trowel consistency can be achieved by adding water
Application rate	<ul style="list-style-type: none"> Approx. 1.6 kg/m²/mm layer thickness as slurry Approx. 1.7 kg/m²/mm layer thickness with trowel Approx. 1.7 kg/m as sealing cove
Quantity per pallet	42
Packaging unit	25 kg PE bag
Container code	25
Art. no.	
grey	0429













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

WP DS Levell

Waterproofing filler with high sulphate resistance

Range of use	<ul style="list-style-type: none"> Water-tight repair of defective areas Joint and surface filler For producing sealing covers Levelling underneath waterproofing
Property profile	<ul style="list-style-type: none"> Low-stress and sets without cracking Excellent adhesion to the substrate Single layer thickness up to 50 mm High sulphate resistance and low effective alkali content (SR/NA)
Application rate	<ul style="list-style-type: none"> Approx. 1.7 kg/m²/mm layer thickness Approx. 1.7 kg/m as sealing cove
Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
grey	0426











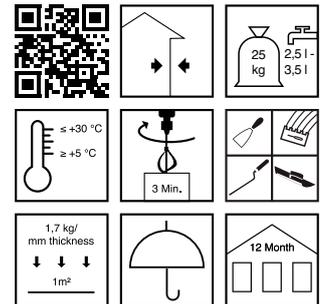

System products	Art. no.
SP Prep	(0400)
WP RH rapid	(1010)
MB 2K	(3014)
Kiesol MB	(3008)
Kiesol	(1810)
Remmers waterproofing slurries	
Remmers PMBCs	

WP DKS rapid [basic]

Quick-setting waterproofing filler

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

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



System products	Art. no.
MB 1K rapid	(0851)
MB TX 2K	(3004)
MB 2K	(3014)
Kiesol MB	(3008)
MB 1K S	(0852)
Kiesol	(1810)
MB 2K	(2940)
Remmers PMBCs	
Remmers waterproofing slurries	

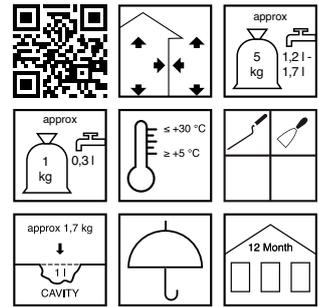
WP RH rapid

Quick-setting plugging mortar

Range of use	<ul style="list-style-type: none"> ▪ Rapid repair of leaking areas, seepage areas and water intrusions ▪ Plugging under Remmers mineral waterproofing slurries ▪ Repair and waterproofing of concrete, masonry, render and shafts
Property profile	<ul style="list-style-type: none"> ▪ Reacts within seconds (starts to set after approx. 30 seconds) ▪ Water pressure-tight ▪ Low shrinkage ▪ Resistant to frost
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.7 kg/l void



Quantity per pallet	288	64	32
Packaging unit	1 kg	5 kg	15 kg (3 × 5 kg)
	Plastic bucket	Plastic bucket	Plastic bucket
Container code	01	05	15
Art. no.			
grey	1010	■	■



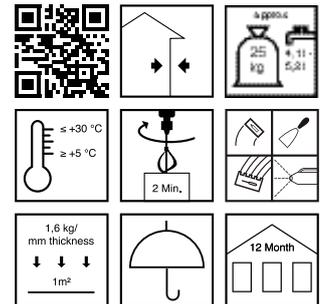
System products	Art. no.
WP Sulfatex	(0430)
Kiesel	(1810)

WP Top [basic]

Water-impermeable premixed mortar

Range of use	<ul style="list-style-type: none"> Interior waterproofing in the Remmers [basic] system Levelling mineral substrates Water-impermeable plaster and masonry mortar
Property profile	<ul style="list-style-type: none"> Water impermeable from a dry layer thickness of 20 mm Stable High sulphate resistance and low effective alkali content (SR/NA) Resistant to water, weather and frost Pore hydrophobic Machine-workable Fibre-reinforced
Application rate	<ul style="list-style-type: none"> Approx. 1.6 kg/m²/mm layer thickness or approx. 1.6 kg/dm³

Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
grey	0428 ■

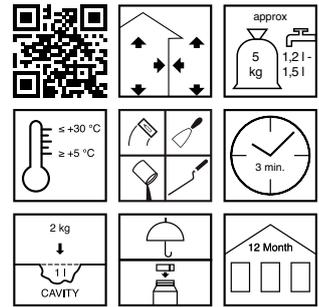


System products	Art. no.
WP Sulfatex	(0430)
SP Prep	(0400)
Salt IH	(0674)
SP Top SL	(1050)
Kiesol	(1810)
Sulfatex LQ	(0663)
Remmers refurbishment renders	
Remmers waterproofing products (FPD, MDS, PMBC)	

CEM rapid

Chloride-free quick-drying cement for universal use

Range of use	<ul style="list-style-type: none"> ▪ Rapid assembly mortar for add-on parts ▪ Rapid repair of leaking areas, seepage areas and water intrushes ▪ Pouring out from open and closed moulds ▪ Accelerator for normal mortars
Property profile	<ul style="list-style-type: none"> ▪ Very high early and final strength ▪ Reacts within minutes (5 minutes) ▪ Water impermeable ▪ Resistant to frost/de-icing salts ▪ Can be mixed with cements acc. to DIN EN 197-1
Application rate	<ul style="list-style-type: none"> ▪ Approx. 2.0 kg/l void <p>Mixing ratio by use: Fast assembly/fixing anchoring: approx. 3 parts CEM rapid to 1 part water Sealing leaking/seepage areas: approx. 3 parts CEM rapid to 1 part water Producing moulds: 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 Plastic bucket	15 kg (3 × 5 kg) Plastic bucket
Container code	05	15
Art. no.		
grey	2834	■

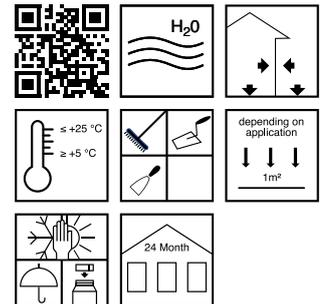
QUICK-DRYING CEMENT

ZM HF [basic]

Mortar improver based on an aqueous polymer dispersion

Range of use	<ul style="list-style-type: none"> Production of bonding slurries & mortars, patch-up & repair mortars Improving screeds, renders and patch-up layers Primer for concrete, cement and anhydrite screeds
Property profile	<ul style="list-style-type: none"> Improves adhesive bonding Increases compressive strength Increases flexural strength Resistant to saponification
Application rate	<ul style="list-style-type: none"> For bonding layers, slurries: approx. 0.1 - 0.2 kg/m² For bonding mortar: approx. 1.0 kg on 1 - 2 m² depending on layer thickness

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	■	■	■



System products

Remmers restoration mortars

Remmers grouts

Remmers waterproofing slurries

Remmers mineral plasters

SUBSEQUENT HORIZONTAL BARRIERS

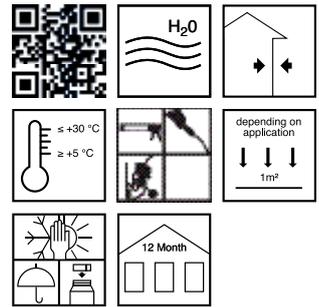
Kiesol C+

Silane cream for horizontal barriers against rising damp in masonry

Range of use	<ul style="list-style-type: none"> ▪ Porous, mineral building materials: sandstone, fired & sand-lime brick ▪ Subsequent cross-sectional waterproofing of masonry under gravity up to 95% moisture saturation
Property profile	<ul style="list-style-type: none"> ▪ Inverse formulation for faster action ▪ Excellent penetration ▪ Water-repelling ▪ High yielding ▪ WTA test certificate for effectiveness class B (< 120 days)
Application rate	<ul style="list-style-type: none"> ▪ Approx. 80 ml/m per 10 cm wall thickness



Quantity per pallet	18	400	64	60	32
Packaging unit	12 × 550 ml Countertop box - aluminium bag with screw top and single-use injector	20 × 550 ml Aluminium bag with screw top	5 l Plastic bucket	10 l Politainer	12.5 l Plastic bucket
Container code	12	55	05	10	13
Art. no.					
0743	■	■	■	■	■

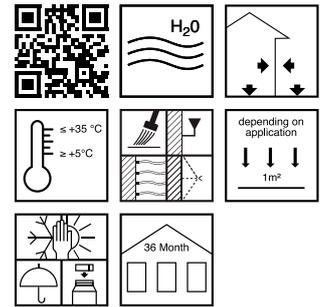


System products	Art. no.
WP Sulfatex rapid	(0429)
WP DS Levell	(0426)
Kiesol	(1810)
WP Sulfatex	(0430)

Kiesel

Single-component, solvent-free, strengthening silicification concentrate

Range of use	<ul style="list-style-type: none"> ▪ Porous, mineral building materials such as brick, sand-lime brick, mineral renders ▪ Subsequent cross-sectional waterproofing of masonry under gravity up to 80% moisture saturation ▪ Subsequent cross-sectional waterproofing of masonry at low pressure up to 95% moisture saturation ▪ Priming against rear moisture penetration ▪ Surface improvement
Property profile	<ul style="list-style-type: none"> ▪ Strengthening ▪ Narrows pores ▪ Repels water ▪ Inhibits masonry salt ▪ Improves adhesion, abrasion resistance and surface strength ▪ Increases resistance to chemical attack
Application rate	<ul style="list-style-type: none"> ▪ Subsequent cross-sectional waterproofing: Approx. 1.5 kg/m per 10 cm wall thickness (can vary significantly depending on porosity of masonry) Priming: Approx. 0.1-0.3 kg/m² (dilute 1:1 with water) Surface improvement: Approx. 0.2-0.4 kg/m²



Quantity per pallet	360	84	50	24	2	1
Packaging unit	1 kg	5 kg	10 kg	30 kg	210 kg	1000 kg
	Tin canis-ter	Tin canis-ter	Tin canis-ter	Tin canis-ter	Drum	Con-tainer
Container code	01	05	10	30	69	61
Art. no.						
1810	■	■	■	■	■	■

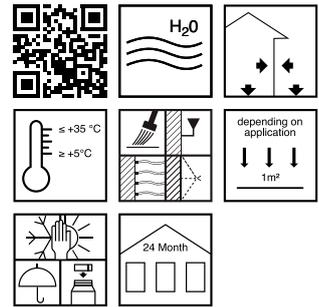
System products

Remmers interior and exterior waterproofing systems

Kiesel Standard

Single-component, strengthening silicification concentrate

Range of use	<ul style="list-style-type: none"> ▪ Porous, mineral building materials such as brick, sand-lime brick, mineral renders ▪ Subsequent cross-sectional waterproofing of masonry under gravity up to 80% moisture saturation ▪ Subsequent cross-sectional waterproofing of masonry at low pressure up to 95% moisture saturation ▪ Priming against rear moisture penetration ▪ Surface improvement
Property profile	<ul style="list-style-type: none"> ▪ Strengthening ▪ Narrows pores ▪ Repels water ▪ Improves adhesion, abrasion resistance and surface strength ▪ Increases resistance to chemical attack
Application rate	<ul style="list-style-type: none"> ▪ Subsequent cross-sectional waterproofing: Approx. 1.5 kg/m per 10 cm wall thickness (can vary significantly depending on porosity of masonry) Priming: Approx. 0.1-0.3 kg/m² (dilute 1:1 with water) Surface improvement: Approx. 0.2-0.4 kg/m²



Quantity per pallet	84	50	24	2
Packaging unit	5 kg	10 kg	30 kg	210 kg
	Politainer	Politainer	Politainer	Drum
Container code	05	10	30	69
Art. no.				
0310	■	■	■	■

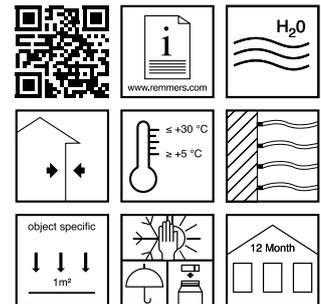
System products	Art. no.
BSP 3	(0312)
BIT 2K	(0871)
WP Top	(0428)
WP Sulfatex	(0430)
WP DS	(0405)
WP DS Levell	(0426)
WP Sulfatex rapid	(0429)
BIT 1K	(0872)
WP DKS rapid	(0423)
Remmers interior and exterior waterproofing systems	

Kiesol iK

Water-dilutable siloxane concentrate

Range of use	<ul style="list-style-type: none"> ▪ Porous, mineral building materials such as brick, sand-lime brick, mineral renders ▪ Subsequent cross-sectional waterproofing of masonry at low pressure up to 95% moisture saturation ▪ Wet-in-wet procedure (multi-stage injection)
Property profile	<ul style="list-style-type: none"> ▪ Water-repelling ▪ High penetration depth ▪ Active ingredient content: 100% ▪ Water-dilutable (up to 1:12) ▪ High yielding
Application rate	<ul style="list-style-type: none"> ▪ Concentrate (dilutable 1:8 to 1:12) Approx. 0.2 kg/m per 10 cm wall thickness (can vary significantly depending on porosity of masonry)

Quantity per pallet	50	24
Packaging unit	10 kg Tin canister	30 kg Tin canister
Container code	10	30
Art. no.		
1813	■	■



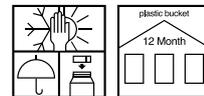
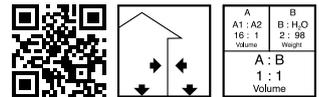
System products	Art. no.
Injection packers and plastic injector	(4200)
BSP 3	(0312)
WP Sulfatex	(0430)
Kiesol	(1810)
WP DS Levell	(0426)

IG Acryl 3K

Acrylate gel

Range of use	<ul style="list-style-type: none"> ▪ Curtain injection ▪ Substrate strengthening and waterproofing ▪ Joint backfilling
Property profile	<ul style="list-style-type: none"> ▪ Three components ▪ Swells with water ▪ Low viscosity ▪ Solvent-free ▪ Highly elastic ▪ Swelling capable ▪ Resistant to frost/de-icing salts
Application rate	<ul style="list-style-type: none"> ▪ Curtain injection: approx. 20 - 60 kg/m² (equals approx. 10 - 30 kg gel concentrate)

Quantity per pallet	24	36	
Packaging unit	1 kg	1 pc	22.95 kg
	Plastic canister	Plastic canister	Set
Container code	01	01	23
Art. no.			
IG Acryl 3K	6873		■
MIXCAN (20 l)	6875		■
IG Acryl COMP S	6877	■	
IG Acryl 3K Set contains: Component A1 (21.50 kg) & component A2 (1.05 kg) & component B (0.4 kg) Note: mixing container (Mixcan) and accelerator (IG Acryl Comp S) sold separately			

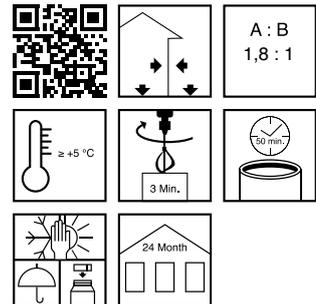


System products	Art. no.
End piece	(4519)
Setting tool	(4515)
Collomix® stirrer DLX	(4286)
WP DS Levell	(0426)
Lamella drive-in packer 18 × 115 mm	(4520)
Extension tube	(4521)
Special cutter	(4518)
Remmers injection packers	

IR PUR 2K 150

Highly flexible 2K PU injection resin, D-I (P)

Range of use	<ul style="list-style-type: none"> ■ Crack injection in concrete as per DIN EN 1504-5 ■ Classification: U(D1) W(2) (1/2/3/4*) (5/30) ■ Moisture level: DY, DP, WT, WF* - * A preliminary injection of IR PUR 2K rapid must be made into water-bearing cracks ■ Tested according to ZTV-Ing (RISS), (BASt list) ■ Tested according to DIN V 18028 ■ For use with injection hoses ■ Horizontal barrier and waterproofing in masonry ■ Sealing of damp and water-bearing cracks
Property profile	<ul style="list-style-type: none"> ■ High resistance to chemicals ■ Total solid (based on Deutsche Bauchemie e.V. testing method) ■ Low viscosity ■ High flank adhesion ■ Very high elasticity
Application rate	<ul style="list-style-type: none"> ■ - Project-specific - Depends on moisture in joint, crack width & component thickness - Approx. 1.1 kg/l void - Approx. 0.4-0.7 kg/rm



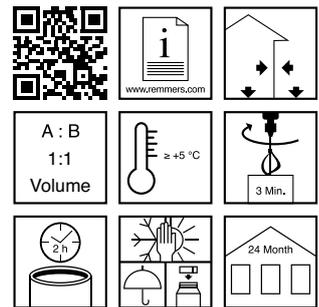
Quantity per pallet	300	
Packaging unit	1 kg	7.75 kg
	Tin canister	Tin canister
Container code	01	08
Art. no.		
6871	■	■

System products	Art. no.
IR PUR 2K rapid	(6876)
IH Set 30	(6874)
Epoxy MT 100	(0936)
V 101	(0978)
Remmers injection packers	

IR PUR 2K rapid

Rapid expanding 2K PU injection foam resin, SPUR, D-I (P)

Range of use	<ul style="list-style-type: none"> ■ Crack injection in concrete as per DIN EN 1504-5 ■ Classification: U(D1) W(1/2/3) (4*) (5/30) *Temporary waterproofing only! ■ Moisture level: WF ■ Pre-injection in water-bearing cracks (WF) ■ Tested according to ZTV-Ing (RISS), (BAST list) ■ Tested according to DIN V 18028 ■ Void filling in masonry/concrete with water inrush ■ Curtain injection 	
Property profile	<ul style="list-style-type: none"> ■ Temporary waterproofing ■ Expands rapidly and strongly ■ High resistance to chemicals ■ High flank adhesion 	
Application rate	<ul style="list-style-type: none"> ■ - Project-specific - Depends on moisture in joint, crack width & component thickness - Approx. 0.1 kg/l void - Approx. 0.3-0.5 kg/rm - Volume expansion approx. 40x 	
Quantity per pallet	300	
Packaging unit	1 kg	11.2 kg
	Tin canister	Tin canister
Container code	01	11
Art. no.		
6876	■	■

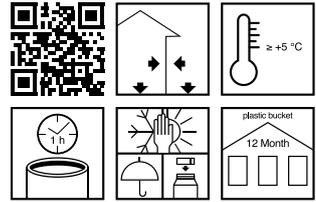


System products	Art. no.
IR PUR 2K 150	(6871)
Foam cleaner	(1099)
Thinner V 101	(0978)
Remmers injection packers	

IR PUR 250

Flexible, moisture-reactive 1K PU injection resin, D-I (P)

Range of use	<ul style="list-style-type: none"> ■ Crack injection in concrete as per DIN EN 1504-5 ■ Classification: U(D1) W(3) (2/3/4*) (8/30) *Only for water-bearing cracks under gravity! ■ Moisture level: DP, WT, WF ■ Waterproofing of buildings with pressing water ■ Sealing of damp and water-bearing cracks ■ Caution! Moisture/water must be present
Property profile	<ul style="list-style-type: none"> ■ Reacts with moisture ■ High resistance to chemicals ■ High flank adhesion ■ Very high elasticity
Application rate	<ul style="list-style-type: none"> ■ - Project-specific - Depends on moisture in joint, crack width & component thickness - Approx. 0.1 kg/l void - Approx. 0.3-0.5 kg/rm - Volume expansion approx. 25x



Quantity per pallet	495	126
Packaging unit	1 kg	5.3 kg
	Tin canister	Tin canister
Container code	01	05
Art. no.		
6870	■	■

System products	Art. no.
Epoxy MT 100	(0936)
WP DS Levell	(0426)
V 101	(0978)
Remmers injection packers	

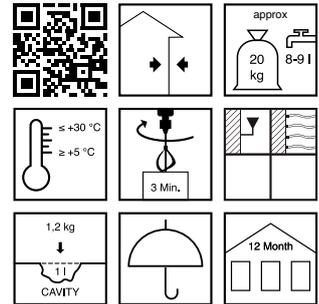
BSP 3/6

Flowable mineral filler and injection mortar

Range of use	<ul style="list-style-type: none"> Strengthening hollow and loose masonry (according to WTA Code of Practice 4-3) Filling joints and boreholes Preliminary injection of boreholes in multi-stage injection
Property profile	<ul style="list-style-type: none"> Low viscosity (highly flowable) Low shrinkage High sulphate resistance and low effective alkali content (SR/NA)
Application rate	<ul style="list-style-type: none"> Approx. 1.2 kg/l void



		Quantity per pallet	30
		Packaging unit	20 kg PE bag
		Container code	20
		Art. no.	
BSP 3 grey M 2.5 (normal)	0312	■	■
BSP 6 grey M 5 (solid)	0309	■	



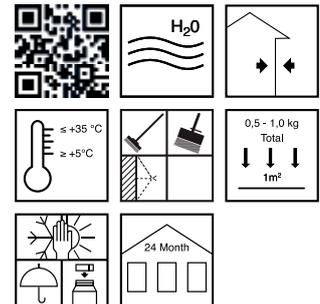
System products	Art. no.
WP RH rapid	(1010)
Kiesol iK	(1813)
Kiesol	(1810)

Sulfatex LQ

Immobilisation of sulphates

Range of use	<ul style="list-style-type: none"> ▪ Porous, mineral building materials such as brick, sand-lime brick, mineral renders ▪ Priming masonry containing sulphates
Property profile	<ul style="list-style-type: none"> ▪ Converts sulphates into poorly soluble compounds ▪ Not water repelling
Application rate	<ul style="list-style-type: none"> ▪ Approx. 0.5 - 1.0 kg/m² depending on the substrate

Quantity per pallet	90	24
Packaging unit	5 kg	30 kg
	Plastic canister	Plastic canister
Container code	05	30
Art. no.		
0663	■	■



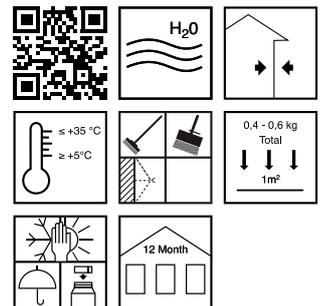
System products	Art. no.
Kiesol	(1810)
Salt IH	(0674)
WP Sulfatex	(0430)
WP Sulfatex rapid	(0429)
Remmers refurbishment render systems	

Salt IH

Temporary encapsulation of salts in masonry

Range of use	<ul style="list-style-type: none"> ▪ Porous, mineral building materials such as brick, sand-lime brick, mineral renders ▪ Priming masonry containing salts ▪ Surface improvement
Property profile	<ul style="list-style-type: none"> ▪ Encapsulates damaging salts ▪ Reduces absorptive capacity ▪ Strengthening ▪ Narrows pores
Application rate	<ul style="list-style-type: none"> ▪ Approx. 0.4 - 0.6 kg/m²

Quantity per pallet	90	24
Packaging unit	5 kg	30 kg
	Plastic canister	Plastic canister
Container code	05	30
Art. no.		
0674	■	■



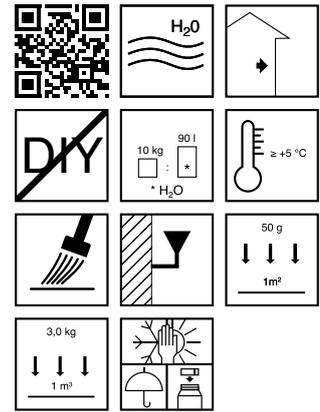
System products	Art. no.
Kiesol	(1810)
WP Sulfatex	(0430)
Sulfatex LQ	(0663)
WP Sulfatex rapid	(0429)
Remmers refurbishment render systems	

Adolit M liquid

Liquid protective concentrate to prevent growth of dry rot through masonry

Range of use	<ul style="list-style-type: none"> ■ Porous, mineral building materials ■ Masonry under roofs (not exposed to weather) ■ Inhibiting agent against dry rot
Property profile	<ul style="list-style-type: none"> ■ Broad spectrum of activity thanks to effective combination of active ingredients with long-term stability ■ Inhibits corrosion ■ Highly soluble
Application rate	<ul style="list-style-type: none"> ■ Surface method: 50 g concentrate per m² Usage concentration: 10% (500 g of ready-to-use solution) ■ Borehole (pressure) saturation: 3 kg concentrate per m³ masonry Usage concentration: 10 - 40% (7.5 - 30 kg of ready-to-use solution)

Quantity per pallet	84	60	24
Packaging unit	5 kg	10 kg	30 kg
	Plastic canister	Plastic canister	Plastic canister
Container code	05	10	30
Art. no.			
clear	2100	■	■



System products	Art. no.
Adolit Holzbau B*	(2111)
BSP 3	(0312)
IG-10 Impregna- tion Primer IT*	(7144)
Kiesol	(1810)

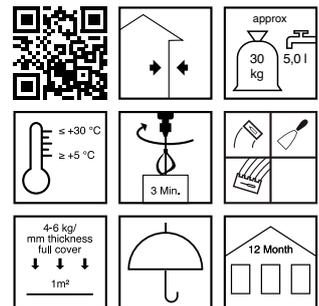
*Use biocides safely. Always read the label and product information before use.

SP Prep

WTA-compliant preparatory mortar

Range of use	<ul style="list-style-type: none"> Substrate preparation prior to applying mineral plasters Equalising different absorption characteristics of the substrate
Property profile	<ul style="list-style-type: none"> High adhesion to the substrate High sulphate resistance and low effective alkali content (SR/NA) Compressive strength: CS IV
Application rate	<ul style="list-style-type: none"> Full coverage approx. 4 - 6 kg/m²

Quantity per pallet	30
Packaging unit	30 kg Paper bag
Container code	30
Art. no.	
grey (inherent colour)	0400 ■



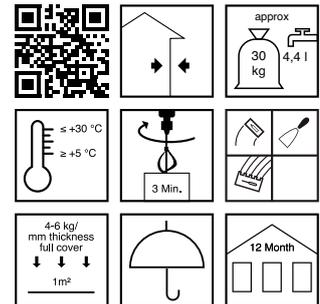
System products	Art. no.
SP Top SL	(1050)
Remmers refurbishment renders	

SP Prep rapid

Quick-setting preparatory mortar

Range of use	<ul style="list-style-type: none"> Substrate preparation prior to applying mineral plasters Equalising different absorption characteristics of the substrate
Property profile	<ul style="list-style-type: none"> High adhesion to the substrate Quick-setting Can be overcoated after 90 minutes High sulphate resistance and low effective alkali content (SR/NA) Compressive strength: CS IV
Application rate	<ul style="list-style-type: none"> Full coverage 4 - 6 kg/m²

Quantity per pallet	30
Packaging unit	30 kg Paper bag
Container code	30
Art. no.	
grey	0406 ■



System products	Art. no.
SP Top SL	(1050)
ZM HF	(0220)
Kiesol	(1810)
Remmers refurbishment renders	

SP Levell

WTA-compliant, salt-accumulating pore undercoat plaster in renovation plasters systems for masonry with water and salt loads

Range of use	<ul style="list-style-type: none"> Walls and masonry attacked by moisture and salt Old buildings, basements and facades Salt removal and moisture reduction Condensate buffer and protective layer on interior waterproofing
Property profile	<ul style="list-style-type: none"> High salt storage capacity Porosity > 45 vol.% High sulphate resistance and low effective alkali content (SR/NA) Water vapour diffusion open Capillary-active Single-layer application thickness 10 to 40 mm Machine-workable Compressive strength: CS III
Application rate	<ul style="list-style-type: none"> Approx. 9.5 kg/m²/cm layer thickness

Quantity per pallet	42
Packaging unit	20 kg Paper bag
Container code	20
	Art. no.
grey (inherent colour)	0401 ■



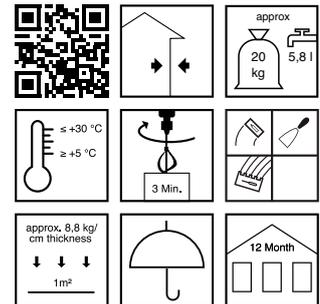
System products	Art. no.
Kiesol	(1810)
SP Prep	(0400)
Remmers refurbishment renders	
Remmers waterproofing slurries	

SP Top White

WTA-compliant renovation plasters for masonry with water and salt loads

Range of use	<ul style="list-style-type: none"> Repair, refurbishment and restoration of damp walls and masonry containing damaging salts Interior walls of basements, old buildings and facades Use in combination with SP Levell to combat high salt levels Single layer can be used as undercoat and finishing coat
Property profile	<ul style="list-style-type: none"> High sulphate resistance and low effective alkali content (SR/NA) Water vapour diffusion open Single-layer application thickness up to 30 mm Machine-workable Compressive strength: CS II
Application rate	<ul style="list-style-type: none"> Approx. 8.8 kg/m²/cm layer thickness

Quantity per pallet	42
Packaging unit	20 kg Paper bag
Container code	20
Art. no.	
white	0402 ■
Silo on request.	

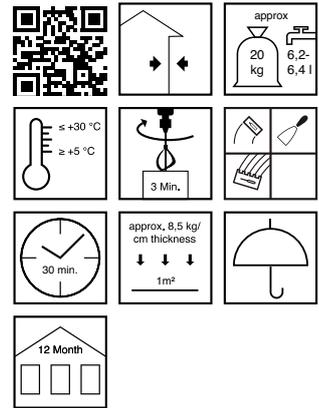


System products	Art. no.
SP Prep	(0400)
SP Fill Q3	(0409)
Kiesol	(1810)
SP Levell	(0401)
SP Top Q2	(0408)
Remmers waterproofing slurries	

SP Top rapid

WTA-compliant renovation plasters for masonry with water and salt loads

Range of use	<ul style="list-style-type: none"> Fast repair of damp and salt-contaminated walls (interior walls in basements and old buildings) Facades, historic buildings and architectural monuments Use in combination with SP Levell to combat high salt levels Single layer can be used as undercoat and finishing coat
Property profile	<ul style="list-style-type: none"> Fast setting High sulphate resistance and low effective alkali content (SR/NA) High salt storage capacity Water vapour diffusion open Pore hydrophobic Fibre-reinforced Promotes drying Single-layer application thickness up to 30 mm
Application rate	<ul style="list-style-type: none"> ~ 8.5 kg/m²/cm thick layer, ~ 17 kg/m² for 2 cm plaster thickness
Quantity per pallet	42
Packaging unit	20 kg Paper bag
Container code	20
	Art. no.
antique white (inherent colour)	0404 ■



System products	Art. no.
Tex 6.5/100	(0236)
SP Top Q2	(0408)
Kiesol	(1810)
SP Fill Q3	(0409)
Color SP	(3080)
SP Prep rapid	(0406)
Remmers waterproofing slurries	

SP Top SR

WTA-compliant renovation plasters with especially high sulphate resistance for masonry with water and salt loads

Range of use	<ul style="list-style-type: none"> Plinth areas with and without waterproofing Substrates with high levels of damaging salts Repair, refurbishment and restoration of old, damp and salt-contaminated masonry
Property profile	<ul style="list-style-type: none"> High sulphate resistance and low effective alkali content (SR/NA) Increased compressive strength Water vapour diffusion open Single-layer application thickness up to 30 mm Machine-workable
Application rate	<ul style="list-style-type: none"> Approx. 10.5 kg/m²/cm layer thickness
Quantity per pallet	42
Packaging unit	20 kg Paper bag
Container code	20
	Art. no.
grey (inherent colour)	0416 ■















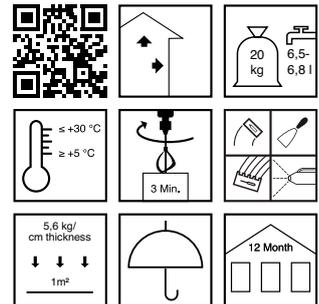
System products	Art. no.
Color SP	(3080)
SP Levell	(0401)
SP Top Q2	(0408)
Kiesol	(1810)

SP Top SL [basic]

Capillary active, climate-regulating plaster, in particular for mould control

Range of use	<ul style="list-style-type: none"> Repair, refurbishment and restoration of damp walls and floors that are susceptible to mould infestation Humidity regulation indoors Improving the energy efficiency of external walls
Property profile	<ul style="list-style-type: none"> Diffusion open and capillary active High proportion of pore volume with capillary condensation action Heat-insulating Two-layer application thickness up to 50 mm High sulphate resistance and low effective alkali content (SR/NA) Machine-workable
Application rate	<ul style="list-style-type: none"> Approx. 5.6 kg/m²/cm layer thickness

Quantity per pallet	35
Packaging unit	20 kg Paper bag
Container code	20
	Art. no.
antique white (inherent colour)	1050 ■

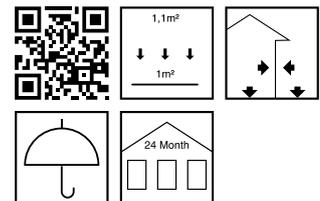


System products	Art. no.
SP Prep	(0400)
SL Fill Q3	(2997)
Tex 6.5/100	(0236)
Color SL	(0237)

Tex 4/100

Reinforcement fabric made of E-glass with polymer sheathing

Range of use	<ul style="list-style-type: none"> Compensating for movements in the substrate Repairing cracks Bonded thermal insulation systems Reinforcement of iQ M universal and SL Fill Q3
Property profile	<ul style="list-style-type: none"> Permanently elastic Rot-proof Alkali resistant Does not slide W: 1 m / L: 50 m
Application rate	<ul style="list-style-type: none"> Approx. 1.1 m²/m²
Quantity per pallet	1650
Packaging unit	50 m Roll
Container code	01
Art. no.	
3880	■

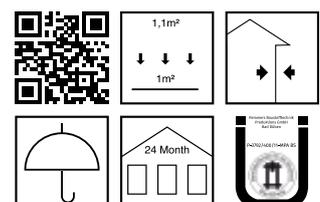


System products	Art. no.
SL Fill Q4	(0210)
MB TX 2K	(3004)
SL Fill Q3	(2997)
iQ M universal	(0211)
VM Fill	(0517)

Tex 6.5/100

Reinforcement fabric made of E-glass

Range of use	<ul style="list-style-type: none"> Compensating for movements in the substrate iQ-Therm interior insulation system Refurbishment render systems
Property profile	<ul style="list-style-type: none"> Permanently elastic Rot-proof Alkali resistant Does not slide Tension-proof No plasticisers
Application rate	<ul style="list-style-type: none"> 1.1 m²/m²
Quantity per pallet	34
Packaging unit	50 m Roll
Container code	01
Art. no.	
0236	■



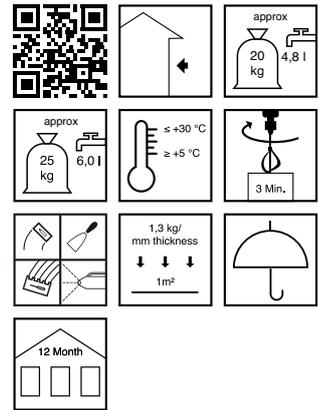
System products	Art. no.
iQ Top	(0228)
Remmers refurbishment renders	

SP Top Q2

Mineral fine plaster

Range of use	<ul style="list-style-type: none"> ▪ Surface and thin-coat plaster
Property profile	<ul style="list-style-type: none"> ▪ Water vapour permeable ▪ Resistant to water, weather and frost ▪ Suitable for manual and machine processing ▪ Can be felted ▪ Grain size: < 0.5 mm ▪ Compressive strength: CS II
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.3 kg/m²/mm; average up to approx. 3.5 kg/m²

Quantity per pallet	36	42
Packaging unit	25 kg	20 kg
	Paper bag	PE bag
Container code	25	20
	Art. no.	
antique white (inherent colour)	0408	■
special colours	0524	■

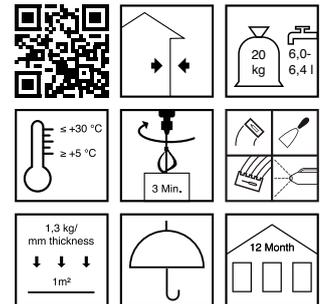


System products	Art. no.
Color PA	(6500)
Color SH	(0630)
Color LA	(6400)
Remmers refurbishment renders	

SP Fill Q3

Mineral surface filler and fine render

Range of use	<ul style="list-style-type: none"> ■ Creating fine, closed plastered surfaces that are ready for coating ■ Smoothing refurbishment renders and mineral undercoats ■ Mineral surface filler for use in interior and exterior areas 	
Property profile	<ul style="list-style-type: none"> ■ Can be painted and papered ■ Can be felted ■ Single layer thickness 1 - 5 mm ■ Suitable for manual and machine processing ■ Maximum grain size: approx. 0.3 mm ■ Compressive strength: CS II 	
Application rate	<ul style="list-style-type: none"> ■ Approx. 1.3 kg/m²/mm layer thickness, mean approx. 3.0 kg/m² 	
Quantity per pallet	30	
Packaging unit	20 kg PE bag	
Container code	20	
Art. no.		
antique	0409	■
white		



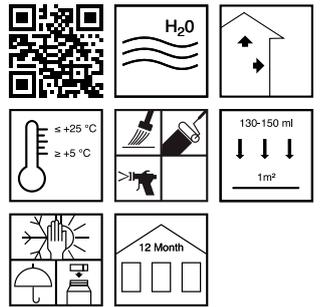
System products	Art. no.
Primer Hydro F	(2842)
Remmers refurbishment renders	

Color SP

Highly water vapour permeable interior paint for refurbishment render systems

Range of use	<ul style="list-style-type: none"> ▪ Opaque coating of refurbishment plasters in interiors ▪ Mineral substrates ▪ Refurbishment coating on matt, stable old coatings ▪ Wallpaper/woodchip
Property profile	<ul style="list-style-type: none"> ▪ Solvent-free and plasticiser-free ▪ Low emissions ▪ Wet abrasion class 3 as per DIN EN 13300 ▪ Covering power class 1 at 7.5 m²/l ▪ Gloss level: dull matt ▪ Highly water vapour permeable
Application rate	<ul style="list-style-type: none"> ▪ Approx. 0.13 - 0.15 l/m² per coat

Quantity per pallet	48	32
Packaging unit	5 l	12.5 l
	Plastic bucket	Plastic bucket
Container code	05	13
	Art. no.	
white	3080	■
Special Colour	3081	■

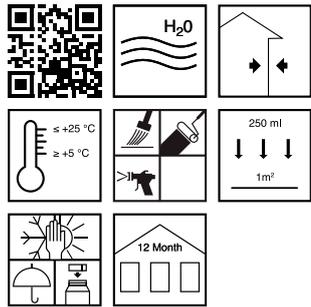


System products	Art. no.
Primer Hydro F	(2842)

Quartz primer

Bonding layer and coating for mineral substrates with low absorptive capacity

Range of use	<ul style="list-style-type: none"> Substrates with low absorptive capacity (shuttered in-situ concrete, precast concrete) Bonding layer for mineral and organic fillers and thin-coat plasters Texturing base coat On ceramic coverings
Property profile	<ul style="list-style-type: none"> Increases roughness/grip High adhesion capability White pigmented Coarse-filled Alkali resistant
Application rate	<ul style="list-style-type: none"> Approx. 0.25 l/m²



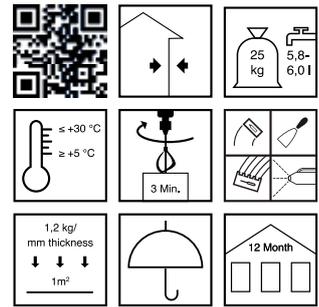
Quantity per pallet	48	32
Packaging unit	5 l	12.5 l
	Plastic bucket	Plastic bucket
Container code	05	13
Art. no.		
2810	■	■

VM Fill

Universal adhesive and reinforcement mortar

Range of use	<ul style="list-style-type: none"> Adhesive and reinforcement mortar Repairing cracked render and WDVS facades Plinth render
Property profile	<ul style="list-style-type: none"> Repels water Water vapour permeable Good adhesion properties Resistant to water, weather and frost Machine-workable
Application rate	<ul style="list-style-type: none"> Approx. 1.2 kg/m²/mm layer thickness

Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
antique white	0517



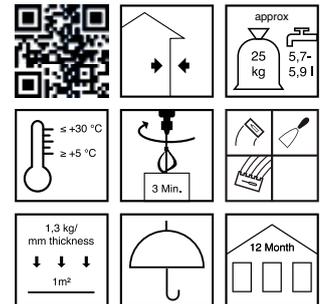
System products	Art. no.
Color SH	(0630)
Color LA	(6400)
Tex 4/100	(3880)
VM Fill rapid	(0519)
Color PA	(6500)
Color Flex	(2976)

VM Fill rapid

Fast-setting, feltable adhesive and repair mortar

Range of use	<ul style="list-style-type: none"> ■ Fast-acting adhesive mortar, filler and low-build render ■ Repairing cracked render and WDVS facades ■ Plinth render ■ Stucco
Property profile	<ul style="list-style-type: none"> ■ Quick-setting ■ Repels water ■ Water vapour permeable ■ Good adhesion properties ■ Can be felted ■ Resistant to water, weather and frost
Application rate	<ul style="list-style-type: none"> ■ Approx. 1.3 kg/m²/mm layer thickness

Quantity per pallet	42
Packaging unit	25 kg PE bag
Container code	25
Art. no.	
antique white	0519 ■



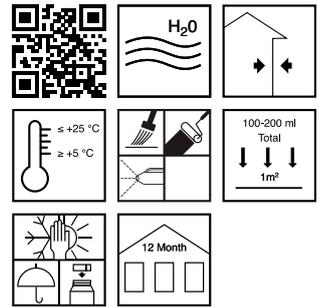
System products	Art. no.
VM Fill	(0517)
Color SH	(0630)
Color PA	(6500)
Color Flex	(2976)
Tex 4/100	(3880)
Color LA	(6400)

Primer Hydro HF

Aqueous deep primer with strengthening and hydrophobising properties

Range of use	<ul style="list-style-type: none"> ▪ Sanding and absorbent mineral substrates ▪ Weathered old coatings capable of supporting a load
Property profile	<ul style="list-style-type: none"> ▪ Strengthening ▪ Evens out absorption ▪ Aqueous
Application rate	▪ Approx. 100 - 200 ml/m ² depending on the substrate

Quantity per pallet	90	24
Packaging unit	5 l	30 l
	Plastic canister	Plastic canister
Container code	05	30
Art. no.		
0725	■	■

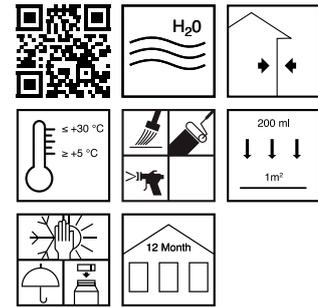


System products	Art. no.
Color PA	(6500)
Color SF	(6415)
WP Flow	(0431)
Color LA Fill	(0560)
Color LA	(6400)
Color Flex	(2976)

Color PA

High-quality, pure acrylate facade paint

Range of use	<ul style="list-style-type: none"> ■ Facades and concrete surfaces ■ Surface protection systems for concrete as per DIN EN 1504/DIN V 18026 <p>Remmers OS-B / OS 2 system: Primer Hydro HF + Color PA</p> <p>Remmers OS-C / OS 4-System: Color PA Fill + Color PA</p> <p>Remmers OS-C / OS 4-System: Betofix Fill + Color PA</p>
Property profile	<ul style="list-style-type: none"> ■ Carbonation inhibiting $s_d \text{ CO}_2: \geq 252 \text{ m}$ ■ Highly water-repellent $w \leq 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h} \cdot 0.5)$ ■ Water vapour permeable $S_d < 0.3 \text{ m}$ ■ Weather-resistant ■ Excellent hiding power ■ Colourfast ■ BAST-listed ■ Tested according to DIN EN 1504-2
Application rate	<ul style="list-style-type: none"> ■ Approx. 200 ml/m² per coat depending on the substrate properties



Quantity per pallet		48	32
Packaging unit		5 l	12.5 l
		Plastic bucket	Plastic bucket
Container code		05	13
	Art. no.		
white	6500	■	■
pebble grey (RAL 7032)	6502		■
Colour collection	6530	■	■
special colours *	6529	■	■
Only adjustable following consultation - no intense colours possible			

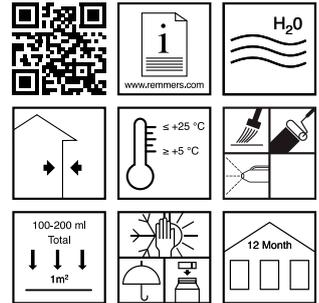
System products	Art. no.
Primer H	(0642)
Color PA Fill	(6490)
Betofix Fill	(1008)
Primer HF	(6438)

WP Flow

Waterproofing, self-flowing floor levelling compound for interiors

Range of use	<ul style="list-style-type: none"> Mineral substrates Waterproofing, self-flowing floor levelling compound Floor refurbishment in combination with very low system height Interior waterproofing and levelling basement floors
Property profile	<ul style="list-style-type: none"> Self-flowing Fast setting Low-stress and sets without cracking Water impermeable, water tight from 10 mm dry layer thickness Resistant to compression and wear Can be pumped with suitable machine technology
Application rate	<ul style="list-style-type: none"> Approx. 1.7 kg/m²/mm layer thickness

Quantity per pallet	42
Packaging unit	25 kg PE bag
Container code	25
Art. no.	
0431	■



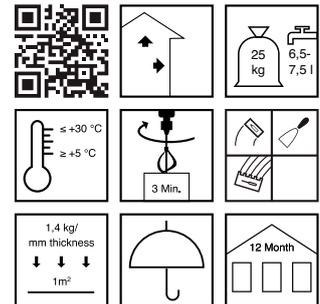
System products	Art. no.
Epoxy BS 2000	(6001)
Epoxy BS 2000 Fast	(6934)
Epoxy BS 3000 SG	(6380)
WP Sulfatex rapid	(0429)
Primer Hydro HF	(0725)

PP Fix

Bedding mortar in the Power Protect [eco] system

Range of use	<ul style="list-style-type: none"> ■ Bonding Remmers interior insulation panels (Power Protect P 25/P 40 [eco]) ■ Mineral (and sulphate/gypsum-based) wall building materials and substrates that are suitable for plastering
Property profile	<ul style="list-style-type: none"> ■ Hydraulic setting ■ No mineral fibres ■ Long adhesive open time ■ High slip resistance and bond adhesion ■ Water vapour permeable ■ Highly capillary active
Application rate	<ul style="list-style-type: none"> ■ Approx. 1.4 kg/m²/mm layer thickness, approx. 7.0 kg/m² incl. levelling filler

Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
grey	0260 ■



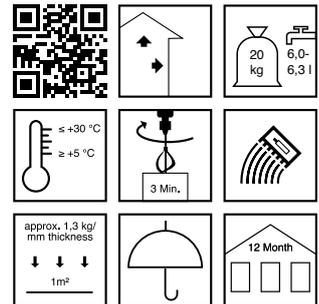
System products	Art. no.
Power Protect R 15	(0265)
Power Protect P 25/P 40	(0262)
SP Levell	(0401)
SL Fill Q3	(2997)
Power Protect W 30	(0264)

iQ M universal

Universal bedding mortar and thin-coat plaster in the iQ-Therm 2.0 system

Range of use	<ul style="list-style-type: none"> ▪ Bonding iQ-Therm 2.0 interior insulation strips to the substrate and to one another (bed joints) ▪ Mineral (and sulphate/gypsum-based) wall building materials and substrates that are suitable for plastering ▪ Reinforcement and thin plaster coat in the iQ-Therm 2.0 system
Property profile	<ul style="list-style-type: none"> ▪ Mildew resistant ▪ Water vapour diffusion open ▪ Highly capillary active ▪ Insusceptible to moisture ▪ High slip resistance and bond adhesion
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.3 kg/m²/mm layer thickness <p>Approx. 3 mm as adhesive mortar (depending on the evenness of the substrate) Approx. 1 mm as slurry in bed joints At least 5 mm as reinforcement and thin-coat plaster</p>

Quantity per pallet	42
Packaging unit	20 kg PE bag
Container code	20
Art. no.	
0211	■



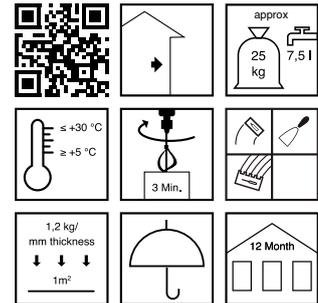
System products

Remmers iQ-Therm 2.0 system	
Tex 4/100	(3880)

SLP Fix

Bedding mortar for SLP panels

Range of use	<ul style="list-style-type: none"> ▪ Bonding and reinforcement mortar, especially for use in the Remmers SLP system ▪ Mineral wall building materials and substrates that are suitable for plastering 	
Property profile	<ul style="list-style-type: none"> ▪ Slows down capillary action ▪ No mineral fibres ▪ Long adhesive open time ▪ High slip resistance and bond adhesion ▪ Waterproof 	
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.2 kg/m²/mm layer thickness, approx. 6-7 kg/m² incl. levelling filler 	
Quantity per pallet	36	
Packaging unit	25 kg Paper bag	
Container code	25	
	Art. no.	
antique white (inherent colour)	0513	■

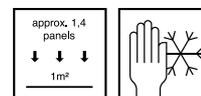
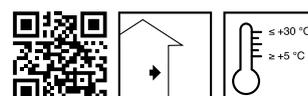


System products	Art. no.
SLP CS 25 / CS 30 / CS 50	(0273)
SL Fill Q3	(2997)
SLP CS L	(0277)
SP Levell	(0401)
SLP CS K	(0276)

Power Protect P 25/P 40 [eco]

Insulating panel for environmentally sustainable mould control

Range of use	<ul style="list-style-type: none"> ▪ Mould remediation and prevention in existing buildings ▪ Establishment of the minimum hygienic thermal protection standard for existing building substance ▪ Improvement of the indoor climate thanks to increased wall surface temperature
Property profile	<ul style="list-style-type: none"> ▪ Protects health and the environment, awarded the "Blue Angel" ecolabel ▪ Open to vapour diffusion ▪ Capillary-active ▪ Thermally insulating, lambda 0.05 W/(m.K) ▪ Tested and certified mould resistance ▪ Euro class B-s1, d0 ▪ Low construction height ▪ Easy to apply
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.4 panels/m²



Quantity per pallet		160	108
Packaging unit		10 panels = 7.2 m ²	6 panels = 4.32 m ²
		Pack	Pack
Container code		01	01
		Art. no.	
Power Protect P 25 [eco]	1200 mm x 600 mm (± 2 mm), thickness 25 mm (± 1 mm)	0262	■
Power Protect P 40 [eco]	1200 mm x 600 mm (± 2 mm), thickness 40 mm (± 1 mm)	0263	■

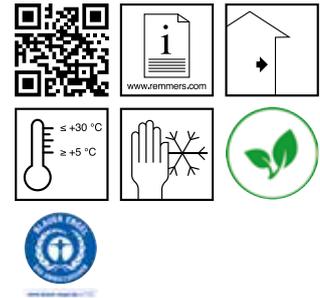
System products	Art. no.
SL Fill Q3	(2997)
SL Fill Q4	(0210)
Power Protect W 30 [eco]	(0264)
Color SL	(0237)
PP Fix	(0260)
Tex 4/100	(3880)
Power Protect R 15 [eco]	(0265)

Power Protect W 30 [eco]

Wedge-shaped insulating board in the Power Protect [eco] system

Range of use	<ul style="list-style-type: none"> Compensating for heat bridge effects in floor and wall joining regions Optical balancing of butt joints
Property profile	<ul style="list-style-type: none"> Environmentally friendly and mould-inhibiting Protects health and the environment, awarded the "Blue Angel" ecolabel Open to vapour diffusion Capillary-active Easy to apply
Application rate	<ul style="list-style-type: none"> As needed

Quantity per pallet	504
Packaging unit	12 Units = 2.645 m ² Carton
Container code	01
	Art. no.
580 mm x 380 mm (± 2 mm), thickness 30/8 (± 1 mm)	0264 ■



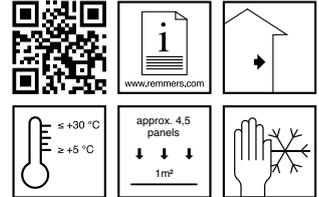
System products	Art. no.
Power Protect P 25 / P 40 [eco]	(0262)
Color SL	(0237)
PP Fix	(0260)
Tex 4/100	(3880)
Power Protect R 15 [eco]	(0265)

Power Protect R 15 [eco]

Reveal board in the Power Protect [eco] system

Range of use	<ul style="list-style-type: none"> ▪ Low available space e.g. reveals ▪ Floor/connection areas
Property profile	<ul style="list-style-type: none"> ▪ Environmentally friendly and mould-inhibiting ▪ Protects health and the environment ▪ Open to vapour diffusion ▪ Capillary-active ▪ Thermally insulating, lambda 0.06 W/(m.K) ▪ Low construction height ▪ Easy to apply
Application rate	<ul style="list-style-type: none"> ▪ Approx. 4.5 panels/m²

Quantity per pallet	672
Packaging unit	16 panels = 3.526 m ² Carton
Container code	01
	Art. no.
580 mm x 380 mm(± 2 mm), thickness 15 mm (± 1 mm)	0265 ■

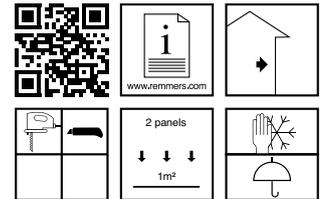


System products	Art. no.
Power Protect W 30 [eco]	(0264)
PP Fix	(0260)
Tex 4/100	(3880)
Power Protect P 25/P 40 [eco]	(0262)

SLP CS 25 / CS 30 / CS 50

Calcium silicate interior insulation panels for energy efficiency and damp control refurbishments

Range of use	<ul style="list-style-type: none"> ■ Mould remediation and prevention in existing buildings ■ Establishment of the minimum hygienic thermal protection standard for existing building substance ■ Improvement of the indoor climate thanks to increased wall surface temperature
Property profile	<ul style="list-style-type: none"> ■ Thermal insulation and mould inhibition ■ Water vapour diffusion open ■ Capillary-active ■ No quartz sand or powdered quartz ■ Thermal conductivity (nominal value) approx. 0.07 W/(m•K) ■ Building material class A1 (non-flammable) ■ Low construction height
Application rate	<ul style="list-style-type: none"> ■ 2 panels/m²



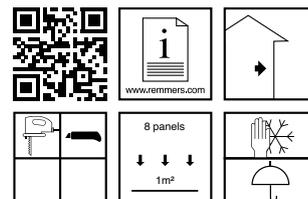
		Quantity per pallet	96	80	48
Packaging unit			6 pcs	5 pcs	3 pcs
			Pack	Pack	Pack
Container code			01	01	01
		Art. no.			
SLP CS 25	1000 × 500 (± 2) mm, thickness 25 (± 1) mm	0273	■		
SLP CS 30	1000 × 500 (± 2) mm, thickness 30 (± 1) mm	0274		■	
SLP CS 50	1000 × 500 (± 2) mm, thickness 50 (± 1) mm	0275			■

System products	Art. no.
SL Fill Q3	(2997)
SLP CS K	(0276)
SLP Fix	(0513)
Tex 4/100	(3880)
Color SL	(0237)
SLP CS L	(0277)

SLP CS L

Calcium silicate interior insulation panels for confined spaces

Range of use	<ul style="list-style-type: none"> ▪ Mould remediation and prevention in existing buildings ▪ Establishment of the minimum hygienic thermal protection standard for existing building substance ▪ Improvement of the indoor climate thanks to increased wall surface temperature ▪ Low available space e.g. reveals
Property profile	<ul style="list-style-type: none"> ▪ Thermal insulation and mould inhibition ▪ Open to vapour diffusion ▪ Capillary-active ▪ Building material class A1 (non-flammable) ▪ Low construction height
Application rate	<ul style="list-style-type: none"> ▪ 8 panels/m²



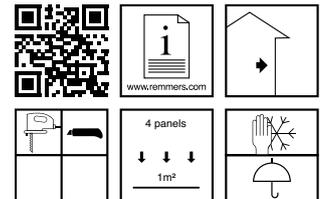
Quantity per pallet	360
Packaging unit	10 pcs Pack
Container code	01
	Art. no.
500 mm x 250 mm, thickness 15 mm (± 1 mm)	0277 ■

System products	Art. no.
SL Fill Q3	(2997)
SL Fill Q4	(0210)
SLP Fix	(0513)
Tex 4/100	(3880)

SLP CS K

Wedge-shaped calcium silicate interior insulation panels for wall and ceiling connections

Range of use	<ul style="list-style-type: none"> ■ Mould remediation and prevention in existing buildings ■ Establishment of the minimum hygienic thermal protection standard for existing building substance ■ Improvement of the indoor climate thanks to increased wall surface temperature ■ Compensating for heat bridge effects in floor and wall joining regions ■ Optical balancing of butt joints
Property profile	<ul style="list-style-type: none"> ■ Thermal insulation and mould inhibition ■ Open to vapour diffusion ■ Capillary-active ■ Thermal conductivity (nominal value) approx. 0.07 W/(m•K) ■ Building material class A1 (non-flammable)
Application rate	<ul style="list-style-type: none"> ■ 4 panels/m²



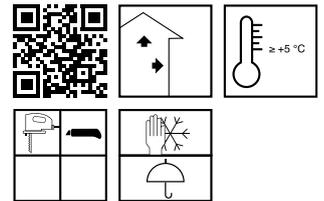
Quantity per pallet	180
Packaging unit	20 pcs Pack
Container code	01
	Art. no.
approx. 1000 × 250 mm, panel thickness approx. 25 - 5 mm	0276 ■

System products	Art. no.
SL Fill Q3	(2997)
SL Fill Q4	(0210)
SLP Fix	(0513)
Tex 4/100	(3880)

iQ-Therm 2.0 30/50/80/120

Strips of rigid polyurethane foam backed with mineral fleece for creating capillary-active interior insulation

Range of use	<ul style="list-style-type: none"> Energy modernisation Mould remediation and prevention in existing buildings Establishment of the minimum hygienic thermal protection standard for existing building substance Improvement of the indoor climate thanks to increased wall surface temperature
Property profile	<ul style="list-style-type: none"> Strip-shaped Excellent thermal insulation Open to vapour diffusion Capillary-active in system Rated lambda value once installed approx. 0.004 W/(m·K) higher in each case Reaction to fire class B-s1, d0 (DIN EN 13501-1) Building material class B1 low-flammability as per DIN 4102-1 Low construction height, choice of 30, 50, 80 & 120 mm Easy to apply Thermal insulation material according to DIN 4108-10
Application rate	<ul style="list-style-type: none"> Approx. 0.85 strips/m Approx. 6.8 strips/m²



Quantity per pallet		3	3	3	3
Packaging unit		144 strips = 21.15 m ²	84 strips = 12.34 m ²	48 strips = 7.05 m ²	36 strips = 5.29 m ²
		Carton	Carton	Carton	Carton
Container code		01	01	01	01
	Art. no.				
iQ-Therm 2.0 / 30	1175 mm x 125 mm, thickness 30 mm	0160	■		
iQ-Therm 2.0 / 50	1175 mm x 125 mm, thickness 50 mm	0161		■	
iQ-Therm 2.0 / 80	1175 mm x 125 mm, thickness 80 mm	0162			■
iQ-Therm 2.0 / 120	1175 mm x 125 mm, thickness 120 mm	0163			■

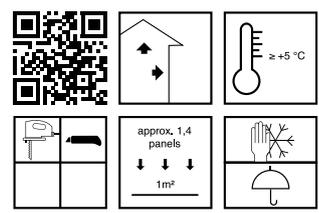
System products	Art. no.
SL Fill Q4	(0210)
iQ M universal	(0211)
iQ Top	(0228)



iQ-Therm 2.0 K 50

Wedge-shaped interior insulation panel in the iQ-Therm 2.0 system

Range of use	<ul style="list-style-type: none"> ▪ Energy modernisation ▪ Mould remediation and prevention in existing buildings ▪ Establishment of the minimum hygienic thermal protection standard for existing building substance ▪ Improvement of the indoor climate thanks to increased wall surface temperature ▪ Compensating for heat bridge effects in floor and wall joining regions ▪ Optical balancing of butt joints
Property profile	<ul style="list-style-type: none"> ▪ Excellent thermal insulation ▪ Thermal conductivity (nominal value) approx. 0.027 W/(m•K) ▪ Low construction height ▪ Easy to apply ▪ Thermal insulation material according to DIN 4108-10
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.4 panels/m²



Quantity per pallet	160
Packaging unit	8 wedges = 5.76 m ² Pack
Container code	01
	Art. no.
Approx. 1200 mm x 600 mm, thickness approx. 50/10 mm	0164 ■



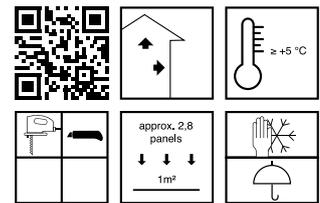
System products	Art. no.
iQ-Therm 2.0 L15	(0165)
iQ M universal	(0211)
iQ-Therm 2.0 30/50/80/120	(0160)
SL Fill Q4	(0210)

iQ-Therm 2.0 L15

Reveal panel in the iQ-Therm 2.0 system

Range of use	<ul style="list-style-type: none"> Energy modernisation Mould remediation and prevention in existing buildings Establishment of the minimum hygienic thermal protection standard for existing building substance Improvement of the indoor climate thanks to increased wall surface temperature Compensating for heat bridge effects in floor and wall joining regions Optical balancing of butt joints
Property profile	<ul style="list-style-type: none"> Excellent thermal insulation Thermal conductivity (nominal value) approx. 0.027 W/(m•K) Low construction height Easy to apply Thermal insulation material according to DIN 4108-10
Application rate	<ul style="list-style-type: none"> Approx. 2.8 panels/m²

Quantity per pallet	440
Packaging unit	10 panels = 3.6 m ² Pack
Container code	01
	Art. no.
Approx. 1200 mm x 300 mm; thickness approx. 15 mm	0165 ■



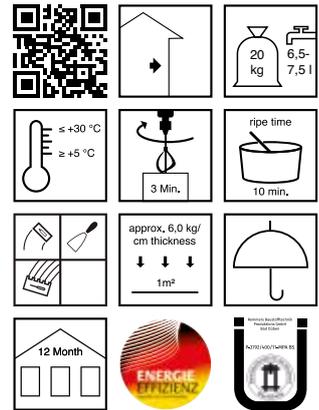
System products	Art. no.
SL Fill Q4	(0210)
iQ Top	(0228)
iQ-Therm 2.0 30/50/80/120	(0160)
iQ M universal	(0211)
iQ-Therm 2.0 K 50	(0164)

iQ Top

Climate-regulating plaster

Range of use	<ul style="list-style-type: none"> Reinforcement and finishing plaster in the iQ-Therm 2.0 system Improving the energy efficiency of external walls
Property profile	<ul style="list-style-type: none"> Climate-regulating Water vapour permeable Highly capillary active High moisture retention capacity Single-layer application thickness up to 10 mm Two-layer application thickness up to 15 mm
Application rate	<ul style="list-style-type: none"> Approx. 6 kg/m²/cm layer thickness

Quantity per pallet	35
Packaging unit	20 kg Paper bag
Container code	20
Art. no.	
antique white	0228 ■



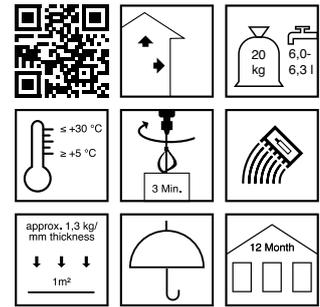
System products	Art. no.
SL Fill Q4	(0210)
Tex 6.5/100	(0236)
Color CL Historic	(6569)
Color SL	(0237)
iQ-Therm 2.0 30/50/80/120	(0160)

iQ M universal

Universal bedding mortar and thin-coat plaster in the iQ-Therm 2.0 system

Range of use	<ul style="list-style-type: none"> ■ Bonding iQ-Therm 2.0 interior insulation strips to the substrate and to one another (bed joints) ■ Mineral (and sulphate/gypsum-based) wall building materials and substrates that are suitable for plastering ■ Reinforcement and thin plaster coat in the iQ-Therm 2.0 system
Property profile	<ul style="list-style-type: none"> ■ Mildew resistant ■ Water vapour diffusion open ■ Highly capillary active ■ Insusceptible to moisture ■ High slip resistance and bond adhesion
Application rate	<ul style="list-style-type: none"> ■ Approx. 1.3 kg/m²/mm layer thickness <p>Approx. 3 mm as adhesive mortar (depending on the evenness of the substrate) Approx. 1 mm as slurry in bed joints At least 5 mm as reinforcement and thin-coat plaster</p>

Quantity per pallet	42
Packaging unit	20 kg PE bag
Container code	20
Art. no.	
0211	■



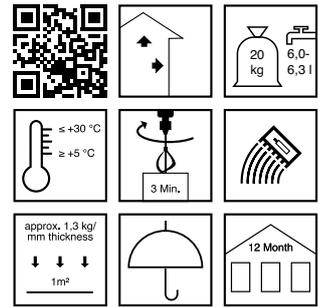
System products	Art. no.
iQ-Therm 2.0 30/50/80/120	(0160)
iQ-Therm 2.0 L15	(0165)
iQ-Therm 2.0 K 50	(0164)
Color SL	(0237)
Color CL Historic	(6569)

SL Fill Q3

Mould control filler, fine

Range of use	<ul style="list-style-type: none"> Smoothing off mould remediation systems Creating fine, closed plastered surfaces that are ready for coating Surface quality grades Q1-Q3
Property profile	<ul style="list-style-type: none"> Diffusion open and capillary active Insusceptible to moisture Good smoothing and adhesion capacity Stable Can be used on all absorbent substrates without primer
Application rate	<ul style="list-style-type: none"> Approx. 1.3 kg/m²/mm layer thickness <p>At least 5 mm as reinforcement and thin-coat plaster</p>

Quantity per pallet	30
Packaging unit	20 kg PE bag
Container code	20
Art. no.	
2997	■



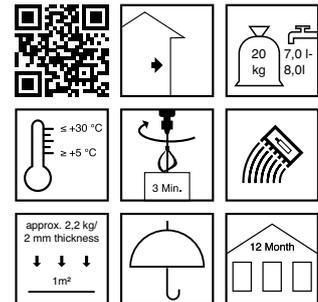
System products	Art. no.
Color CL Historic	(6569)
Tex 4/100	(3880)
Color SL	(0237)
Power Protect P 25/P 40	(0262)
SLP CS 25 / CS 30 / CS 50	(0273)
SP Top SL	(1050)

SL Fill Q4

Fine filler

Range of use	<ul style="list-style-type: none"> ▪ Interiors ▪ Creating fine, closed plastered surfaces that are ready for coating ▪ Surface quality grades Q2-Q4
Property profile	<ul style="list-style-type: none"> ▪ Can be feathered out to zero ▪ Good sanding properties ▪ High adhesion capability ▪ Insusceptible to moisture
Application rate	<ul style="list-style-type: none"> ▪ Approx. 2.2 kg/m² for a 2 mm layer thickness

Quantity per pallet	42
Packaging unit	20 kg PE bag
Container code	20
	Art. no.
antique white (inherent colour)	0210 ■

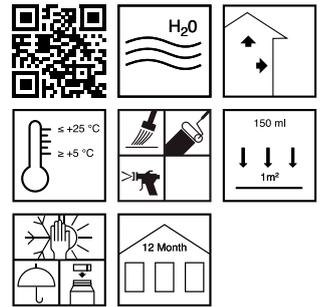


System products	Art. no.
iQ Top	(0228)
Color SL	(0237)
Remmers interior insulation systems	

Color SL

Washproof, solvent-free and plasticiser-free silicate interior wall paint

Range of use	<ul style="list-style-type: none"> Remmers interior insulation and mould control systems Mineral substrates
Property profile	<ul style="list-style-type: none"> Capillary-active Highly water vapour permeable Mildew resistant thanks to alkalinity Solvent-free and plasticiser-free Low emissions Wet abrasion class 3 as per DIN EN 13300 Covering power class 2 at 7 m²/l Gloss level: dull matt
Application rate	<ul style="list-style-type: none"> Approx. 0.15 l/m² per coat



Quantity per pallet	48	32
Packaging unit	5 l	12.5 l
	Plastic bucket	Plastic bucket
Container code	05	13
Art. no.		
white	0237	■
special colours	0238	■
Available upon consultation. Intense colours not possible.		

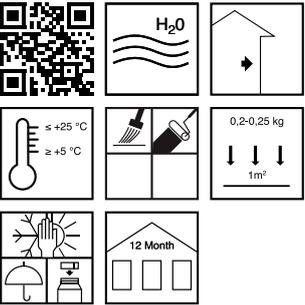
System products	Art. no.
iQ Top	(0228)
iQ M universal	(0211)
Remmers interior insulation and mould control systems	

Color CL Historic

Lime paint without organic binders

Range of use	<ul style="list-style-type: none"> ▪ Porous, mineral building materials in interiors ▪ Preservation of historic buildings ▪ Eco-friendly construction
Property profile	<ul style="list-style-type: none"> ▪ Capillary-active ▪ Highly water vapour diffusible ▪ Good covering power ▪ No organic binder additives ▪ Solvent-free and plasticiser-free ▪ Free from preservatives ▪ Mineral water-based ▪ Free from titanium dioxide
Application rate	<ul style="list-style-type: none"> ▪ Approx. 0.2 - 0.25 kg/m² per coat

Quantity per pallet	32
Packaging unit	10 kg Plastic bucket
Container code	10
Art. no.	
white	6569 ■



System products	Art. no.
Color CL Fill Historic	(6566)
CL Fill Q4 Historic	(6564)
CL Fill Q3 Historic	(6562)

Collomix stirrer AR

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

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

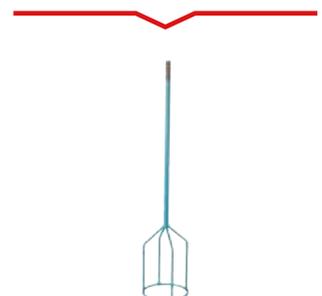


System products
PMBC
Crack-bridging MDS
Synthetic resin mortar

Collomix® stirrer KR

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

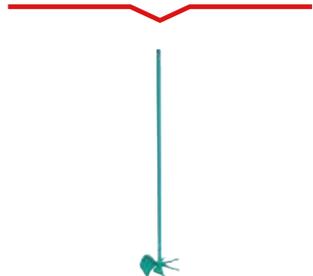
Packaging unit	1 pc
Container code	01
Art. no.	
KR 120 HF	4292 ■
KR 140 HF	4294 ■
KR 160 HF	4295 ■



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



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



System products
Reaction resins
Floor coatings
Colours

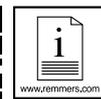
Collomix stirrer DLX

Stirrer for liquid and flowable materials

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



Packaging unit	1 pc
Container code	01
Art. no.	
DLX 120 HF	4298
DLX 152 HF	4286



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

HEXAFIX® adapter

for Collomix stirrer

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



System products	Art. no.
Collomix stirrer	

Remmers Quirlex

Cleaning bucket

Range of use	<ul style="list-style-type: none"> Easy cleaning of stirrers for electric mixers Note: The top ring of brushes should be covered with approx. 1 - 2 cm of water.
Property profile	<ul style="list-style-type: none"> For stirrers up to max. Ø 220 mm Cover, inner and outer bucket can be separated for cleaning Quick and efficient removal of material residue Filling volume: 30 l



Packaging unit	1 pc
Container code	01
Art. no.	
4282	■

System products	Art. no.
Stirrer	

Scoop

for PMBC

Range of use	<ul style="list-style-type: none"> For applying liquid waterproofing materials
Property profile	<ul style="list-style-type: none"> Stable design Material: Aluminium



Packaging unit	1 pc
Container code	01
Art. no.	
4103	■

System products	Art. no.
Remmers MB products	
Remmers waterproofing slurries	
Remmers PMBCs	

Sponge float red

Range of use	<ul style="list-style-type: none"> ▪ Grout jointing on brickwork facades ▪ Pointing tiles ▪ Initial cleaning of pointed surfaces ▪ Rubbing plaster
Property profile	<ul style="list-style-type: none"> ▪ With medium-pore 20 mm sponge rubber coating ▪ Dimensions: 280 × 140 mm ▪ Soft grip

Packaging unit	1 pc
Container code	01
Art. no.	
4935	■



System products	Art. no.
FM FS	(0435)
FL grout flex	(2891)
Remmers refurbishment renders	

Render comb

Range of use	<ul style="list-style-type: none"> ▪ Roughening (undercoat) render when applying in multiple layers
Property profile	<ul style="list-style-type: none"> ▪ Width: 300 mm ▪ With wooden handle ▪ Rust-free

Packaging unit	1 pc
Container code	01
Art. no.	
4130	■



System products
Remmers mineral plasters

Grated scraper

Range of use	<ul style="list-style-type: none"> ▪ Scraping plaster
Property profile	<ul style="list-style-type: none"> ▪ Level ▪ 2 sides closed, 2 sides open ▪ Dimensions: 285 × 140 mm ▪ High-quality and robust ▪ Moulded PVC handle ▪ Notched on one side



Packaging unit	1 pc
Container code	01
Art. no.	
4231	■



System products

Remmers mineral plasters

Viscose cleaning sponge

Range of use	<ul style="list-style-type: none"> ▪ Grout jointing on brickwork facades ▪ Pointing tiles ▪ Cleaning pointed surfaces ▪ Felting reinforcement/thin coat plasters and fillers
Property profile	<ul style="list-style-type: none"> ▪ Highly absorbent



Packaging unit	1 pc
Container code	01
Art. no.	
4133	■



System products	Art. no.
FM FS	(0435)
FL grout flex	(2891)
Surface fillers and fine plasters	
Concrete filler	

Lamella drive-in packer 14 × 95 mm

Range of use	<ul style="list-style-type: none"> ▪ Injecting mineral materials into cracks and voids
Property profile	<ul style="list-style-type: none"> ▪ Injection pressure: max. 50 bar ▪ Free passage Ø 7 mm ▪ External thread R 1/4"

Packaging unit	1 pc	50 pcs	1 pc	50 pcs
	Bag	Carton	Bag	Carton
Container code	01	01	01	01
Art. no.				
Lamella drive-in packer 14 × 95 mm	4526	■		
Setting tool 12 mm	4544	■		
Setting tool 14 mm	4523		■	
Locking piece	4522			■



System products	Art. no.
ICS 2K	(0476)

Lamella drive-in packer 18 × 80 mm

With moulded tapered nipple

Range of use	<ul style="list-style-type: none"> ▪ Low-pressure injection of injection materials
Property profile	<ul style="list-style-type: none"> ▪ Injection pressure: max. 2 bar ▪ Return valve tested for tightness

Packaging unit	1 pc	50 pcs
	Bag	Bag
Container code	01	01
Art. no.		
Lamella drive-in packer 18 × 80 mm	4543	■
Setting tool 12 mm	4544	■



System products	Art. no.
Setting tool 12 mm	(4544)
Pressure hose with gripping head and sleeve	(4546)

Lamella drive-in packer 18 × 105 mm

Range of use	<ul style="list-style-type: none"> ▪ Injecting mineral materials into cracks and voids ▪ Multi-stage injection ▪ Low-pressure injection of injection materials
Property profile	<ul style="list-style-type: none"> ▪ External thread R 1/4" ▪ Free passage Ø 7 mm ▪ Injection pressure: max. 50 bar



Packaging unit	50 pcs	1 pc	50 pcs	50 pcs
	Carton	Bag	Carton	Carton
Container code	01	01	01	01
Art. no.				
Lamella drive-in packer 18 × 105 mm	4524	■		
Setting tool 14 mm	4523		■	
LP flat-headed nipple R1/4"	4538		■	
Locking piece	4522			■



System products	Art. no.
Kiesol	(1810)
IG Acryl 3K	(6873)
Kiesol iK	(1813)
Borehole suspensions	

Injection Set

Consisting of injection lance and sealant gun

Range of use	<ul style="list-style-type: none"> ▪ Masonry injection for protection against capillary rising damp ▪ Injection under gravity ▪ Complete set
Property profile	<ul style="list-style-type: none"> ▪ Stable aluminium tube ▪ Stable design ▪ Conical aluminium coupler with washer and internal thread for 550 ml aluminium bag with screw cap ▪ Flexible, transparent connector for controlling the material flow



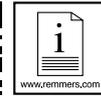
Packaging unit		1 pc	
			PC
Container code		01	01
Art. no.			
Injection set	4195		■
Injection lance 400 mm	4196	■	
Injection lance 600 mm	4193	■	



GLORIA® 405 / 410 T Profiline

Pressure sprayer

Range of use	<ul style="list-style-type: none"> ▪ Spare parts and accessories: http://shop.gloriagarten.de/ ▪ Note: When using with Kiesol C+, the filter screen must be removed from the handle and the bent end of the brass spray lance must be cut off ▪ Applying liquid and cream products
Property profile	<ul style="list-style-type: none"> ▪ Operating pressure: max. 6 bar ▪ Sheet steel container with internal coating ▪ Brass spray lance and hollow cone nozzle ▪ Manometer ▪ Oil-resistant design ▪ Filled content: 5 / 10 litres



Packaging unit	1 pc	1 pc	1 pc	1 pc
	Carton	Bag	Bag	Carton
Container code	01	01	01	01
Art. no.				
Gloria® 410 T Pro (10 l)	4667			■
Gloria® 405 T Pro (5 l)	4669			■
Sliding coupling	4535		■	
Gripping head	4037	■		
Pressure hose with gripping head and sleeve	4546	■		

System products	Art. no.
Kiesol C+	(0743)
Solvent-free liquid products	

Layer thickness trowel

Range of use	<ul style="list-style-type: none"> ▪ Even application of liquid-applied materials in a defined wet layer thickness
Property profile	<ul style="list-style-type: none"> ▪ Material: Stainless steel ▪ Rust-free

Packaging unit	1 pc
Container code	01
Art. no.	
2 mm	4105 ■
2.5 mm	4108 ■
3 mm	4000 ■
4 mm	4821 ■



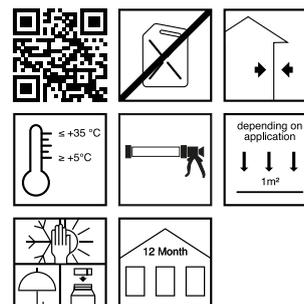
System products	Art. no.
Remmers MB products	
Remmers waterproofing slurries	
Remmers PMBCs	

MultiBond Express

Clear, universal, high-strength PUR adhesive

Range of use	<ul style="list-style-type: none"> ▪ Interiors and exteriors ▪ Universal ▪ Wood, metal, ceramics, PVC, polystyrene and glass ▪ Assembling furniture, panels, moulding and door linings ▪ Gluing wooden windows and doors
Property profile	<ul style="list-style-type: none"> ▪ Single-component ▪ Solvent-free ▪ High adhesive strength, no staining ▪ Invisible bonds ▪ Water-resistant according to DIN EN 204: D4 ▪ Does not run off, evens out surface irregularities
Application rate	<ul style="list-style-type: none"> ▪ Approx. 5 - 15 g/m² if applied in strips, approx. 50 g/m² if applied in dots

Quantity per pallet	1200
Packaging unit	15 × 310 ml Cartridge
Container code	15
Art. no.	
clear	1571



System products	Art. no.
Assembly cylinder	(4257)

Aluminium float

with wooden handle

Range of use	<ul style="list-style-type: none"> ▪ Smoothing and levelling plaster
Property profile	<ul style="list-style-type: none"> ▪ Length: 150 cm

Packaging unit	1 pc
Container code	01
Art. no.	
Notched on one side	4429
No notching	4428



System products
Remmers mineral plasters

Salt Test Set

Equipment for preliminary investigations prior to masonry restoration

Range of use	<ul style="list-style-type: none"> ▪ Determine salt type and concentration ▪ Basic equipment for sampling
Property profile	<ul style="list-style-type: none"> ▪ Detection reagents: 1x MQuant™ sulphate, nitrate and chloride test, 100 pcs Fisherbrand™ colour-fixed pH indicator rods, 1 bottle natural (L+) tartaric acid
Packaging unit	1 pc
Container code	01
Art. no.	
4953	■



System products

WTA refurbishment render systems

Compriband 15/5-10

Pre-compressed PU soft foam sealing tape in PP films for subsequent decompression

Range of use	<ul style="list-style-type: none"> ▪ Connection joints between interior insulation/mould remediation system and adjoining building components such as ceilings, wooden beams, walls, windows, etc.
Property profile	<ul style="list-style-type: none"> ▪ Precisely timed activation thanks to tear-off foil ▪ Air-tight, complies with the specifications of DIN 41078-7, RAL quality-assured window installation ▪ Meets the requirements of DIN 18542 for load group GB R ▪ Air permeability: a value $< 0.1 \text{ m}^3/(\text{h} \cdot \text{m}^2 \cdot \text{daPa})$
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1 m/m



System products

Remmers interior insulation and mould control systems

Quantity per pallet	100	36
Packaging unit	10 m	200 m
	Carton	Carton
Container code	01	01
Art. no.		
4272	■	
4268		■
Available in box only		

Gun foam 1K

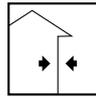
Moisture-curing 1K PU foam for window and door installation

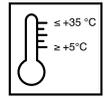
Range of use	<ul style="list-style-type: none"> ▪ Assembly of door and window frames ▪ Filling and waterproofing cavities and joints ▪ Bonding insulation material, masonry, wood, sheet metal and various plastics ▪ Injection of small defective areas between iQ-Therm panels
Property profile	<ul style="list-style-type: none"> ▪ Especially for processing with a spray gun ▪ High foam yield ▪ Excellent insulation, sound and heat insulation ▪ Rot-proof ▪ Decay-resistant ▪ Resistant to water, oil, petrol, lyes and various solvents
Application rate	<ul style="list-style-type: none"> ▪ Dependent on application <p>Yield: 750 ml: approx. 40 l/can (free-foaming)</p>

Quantity per pallet	468
Packaging unit	12 × 750 ml Aerosol can
Container code	12
Art. no.	
1542	■



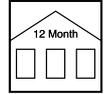














System products	Art. no.
Foam cleaner	(1099)
PU foam gun	(4213)

Partition wall strips

Closed-cell polyurethane foam for thermal, hygric and acoustic decoupling in wall/floor connection areas

Range of use	<ul style="list-style-type: none"> ▪ Protecting moisture-sensitive components/building materials ▪ Preventing moisture transfer in connection areas ▪ Connection joints between interior insulation/mould remediation system and adjacent components, especially in the wall/floor connection area ▪ For thermal, hygric and acoustic decoupling
Property profile	<ul style="list-style-type: none"> ▪ Width 75 mm ▪ Length per roll 30 m ▪ Thickness 3 mm
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1 m/m

Quantity per pallet	300
Packaging unit	12 × 30 m/roll Carton
Container code	01
Art. no.	
4258	■



Assembly cylinder

Fixing of larger loads

Range of use	<ul style="list-style-type: none"> ▪ Assembly/fixing of heavy loads with no heat bridges, e.g. wall cabinets ▪ Pressure base for heavy units ▪ Fastening/bolting directly in cylinder without additional dowels
Property profile	<ul style="list-style-type: none"> ▪ Lambda: 0.04 W/(m.K) ▪ Highly resistant to compression ▪ Load bearing capacity: 50 kg ▪ Easy retrofitting ▪ Length: 540 mm ▪ Width: 125 mm ▪ Precise execution with minimal time outlay ▪ CFC-free PU rigid foam cylinder, can be cut to size



Packaging unit	1 pc
Container code	01
Art. no.	
4257	■

System products	Art. no.
iQ-Therm 30	(0241)
iQ-Therm 80	(0243)
MultiBond Express	(1571)
iQ-Therm 50	(0242)

Cutting tool for assembly cylinder

Toolkit

Range of use	<ul style="list-style-type: none"> ▪ Installation of assembly cylinders for internal insulation for fixing large loads
Property profile	<ul style="list-style-type: none"> ▪ Cutting tool includes: 1 x driver for cutting depths up to 200 mm 1 x set collar with Allen key 1 x cutter guide bell 1 x cutting disc D = 125 mm



Packaging unit	1 set
Container code	01
Art. no.	
4255	■



System products	Art. no.
iQ-Therm 30	(0241)
iQ-Therm 80	(0243)
Assembly cylinder	(4257)
iQ-Therm 50	(0242)

Product overview

Adolit M liquid	112	Grated scraper	153	MB 2K	70
Aluminium float	156	Gun foam 1K	159	MB 2K [eco]	71
Assembly cylinder	161	HEXAFIX® adapter	151	MB 2K Window Kit	73
BIT 1K [basic]	77	IG Acryl 3K	105	MB Add S	75
BIT 2K [basic]	76	Ilack C	79	MB Fix 2K	72
BIT 2K Fix [basic]	87	Injection Set	155	MultiBond Express	157
Bit Add S	79	iQ M universal	131/144	Partition wall strips	160
BIT Primer [basic]	80	iQ-Therm 2.0		Pipe flange	92
BSP 3/6	109	30 / 50 / 80 / 120	139	Power Protect	
CEM rapid	99	iQ-Therm 2.0 K50	141	P 25 / 40 [eco]	133
Collomix® stirrer AR	149	iQ-Therm 2.0 L15	142	Power Protect R 15 [eco]	135
Collomix® stirrer DLX	150	iQ Top	143	Power Protect W 30 [eco]	134
Collomix® stirrer KR	149	IR PUR 250	108	PP Fix	130
Collomix® stirrer LX	150	IR PUR 2K 150	106	Primer Hydro F	67
Color CL Historic	148	IR PUR 2K rapid	107	Primer Hydro HF	127
Color PA	128	Kiesol	102	Protect MKT 1	74
Color SL	147	Kiesol C+	101	Quartz Primer	124
Color SP	123	Kiesol iK	104	Render comb	152
Compriband 15/5-w10	158	Kiesol MB	66	Remmers Quirlex	151
Cutting tool for assembly cylinder	161	Kiesol Standard	103	Salt IH	111
DS Protect	88	Lamella drive-in packer		Salt Test Set	158
DS Protect AL	89	18 x 105 mm	155	Scoop	151
DS Protect Clip	89	Lamella drive-in packer		SL Fill Q3	145
DS Protect Clip [basic]	91	18 x 80 mm	154	SL Fill Q4	146
DS Protect [basic]	90	Lamella drive-in packer		SLP CS 25 / 30 / 50	136
Gloria heavy duty spraying equipment		14 x 95 mm	154	SLP CS K	138
410 / 405 T Profiline	156	Layer thickness trowel	156	SLP CS L	137
		MB 1K rapid	68	SLP Fix	132
		MB 1K S	69	SP Fill Q3	122

SP Levell	115	Tape F-EC	85	Tex 6.5/100	120
SP Prep	113	Tape VF 120	81	Viscose cleaning sponge	153
SP Prep rapid	114	Tape VF 120 [eco]	82	VM Fill	125
SP Top Q2	121	Tape VF 120 [eco] IC	82	VM Fill rapid	126
SP Top rapid	117	Tape VF 120 [eco] EC	82	VZ MB	74
SP Top SL [basic]	119	Tape VF 250	84	WP DKS rapid [basic]	96
SP Top SR	118	Tape VF 250 EC large	83	WP DS Levell	95
SP Top White	116	Tape VF 250 XA	85	WP Flow	129
Sponge float red	152	Tape VF 350 HC	84	WP RH rapid	97
Stopaq	91	Tape VF 500	83	WP Sulfatex	93
Sulfatex LQ	110	Tape XA 100/XA 250	86	WP Sulfatex rapid	94
Tape B 240 E / Tape B 240	86	Tex 4/100	120	WP Top [basic]	98
Tape F-120	85	Tex 4.8/100	78	ZM HF [basic]	100
Tape F-IC	85	Tex 5/100 [eco]	78		





We get it done so that you can get things done

Whatever you have in mind:

We at Remmers do everything to personally support you, your work, your project, your idea, your vision, to reach your goal.

We never stand still and we always go one step further for you.

We drive tomorrow's products and services forward. And strive for sustainable development. Because we know from over 75 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 Löningen in the Lower Saxony region – this is where we have our roots. At the same time, we have an international presence with 18 subsidiaries.



**Exceptional range
of products and
services**



Tailored solutions



**Production in
Germany**

≈ 1600

**Highly qualified
specialists Europe-
wide**

All the extras that we get done for you



**Personal service on
site**



Digital services



**Delivery within 24
hours in Germany**



**Remmers International
Guarantee**



**Competence Centres,
Training and Service
Centre**



**Bernhard Remmers
Academy**



**Remmers
Professional Planning**



**Bernhard Remmers
Institute for Analytics**

**We get
it done!**

**We are there for
you with a fast and
personal response.**



Find your
local contact

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



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

Colour variations are possible.

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