A high-angle photograph of an outdoor terrace. The floor is partially covered with grey composite waterproofing slabs and partially with light-colored wood-look composite tiles. A wooden table and chairs are set up on the grey slabs. A yellow planter with a green plant sits on the table. A white pipe and a wooden tool are visible on the tiles in the bottom left corner.

Waterproof & dry the systematic way

Composite waterproofing
with slabs and tiles



Reliable waterproofing combinations

Waterproofing solutions for
old and new buildings

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Expertise from the cellar to the roof

Building protection and repair products for professional users

Building, restoration and repair have been the core competencies of Remmers since the company's inception. The requirements and areas of application are highly diverse. From cellar waterproofing to facade and concrete protection and sustainable interior insulation systems for everything from small family homes to large-scale industrial buildings or even listed church buildings, we are up to speed on all the national and international standards and guidelines, and we use our decades of expertise to support our customers in their work.

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

- Building protection and repair
- Concrete protection and repair
- Facade protection and repair
- Monument preservation
- Floor coatings
- Mould remediation systems
- Interior insulation systems







Composite waterproofing with slabs and tiles

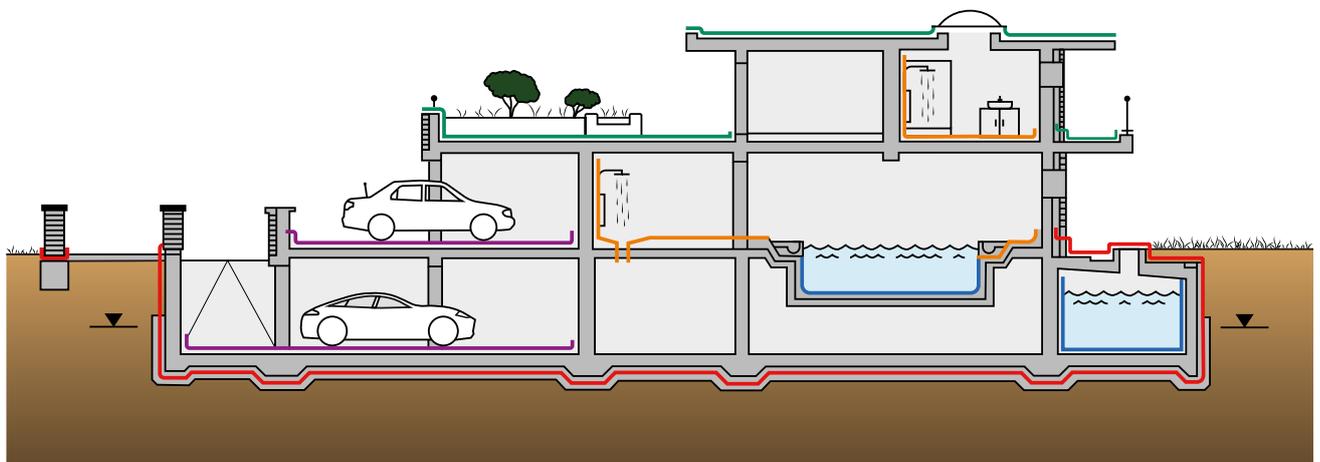
A construction method that's gaining ground

The term “composite waterproofing” describes the structure made up of at least two interconnected components for the protection of a building element against moisture. The components are normally the waterproofing itself, a tile adhesive that has been tested for use with the waterproofing material, and a wearing and protective layer of e.g. ceramic tiles.

In recent years, not only have waterproofing materials evolved, but so have the areas of application. As early as the 1980s, the Central Association of the German Building Trade (Zentralverband des Deutschen Baugewerbes) regulated the professional planning and execution of such waterproofing systems with the leaflet “Composite

Waterproofing”. The construction type became a generally recognised rule of technology with the transfer of the “old” DIN 18195 to the new series of standards DIN 18531 to 18535. Since early 2017, composite waterproofing for interiors has also been regulated by standards for the first time.

The five individual DIN standards each refer to the component to be waterproofed. All the individual standards have the same structure: While part 1 deals with the planning and implementation principles, the other parts describe the material-specific regulations, particular areas of application and the processing of the respective waterproofing materials.



DIN 18195: “Waterproofing of buildings – Vocabulary”

DIN 18531: “Waterproofing of utilized and non-utilized roofs”

DIN 18532: “Waterproofing of concrete areas trafficable by vehicles”

DIN 18533: “Waterproofing of elements in contact with soil”

DIN 18534: “Waterproofing for indoor applications”

DIN 18535: “Waterproofing of tanks and pools”



Planning and execution principles

Load classes

Waterproofing with liquid-applied waterproofing materials in combination with tiles and slabs – in addition to other permissible types of construction – was enshrined in the new DIN in no fewer than three individual standards:

- DIN 18531-5 – Waterproofing of balconies, loggias and walkways
- DIN 18534 – Waterproofing for indoor applications
- DIN 18535 – Waterproofing of tanks and pools

The load classes regulated at that time in the ZDB Guideline were adopted for the DIN in a modified form, supplemented and defined as component-related water impact classes.



Overview of load classes

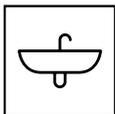
Previous load classes acc. to ZDB		New load classes acc. to DIN	
Load	Area of application	DIN	Water impact
		18534	W0-I: low Surfaces with non-frequent exposure to splash water
		Examples:	Wall surfaces in bathrooms above wash-basins, floor surfaces in domestic areas without drains
A0: Moderate load from non-pressing water in interiors	Directly and indirectly exposed surfaces in rooms where service and cleaning water is not handled very frequently	18534	W1-I: moderate Surfaces with frequent exposure to splash water or non-frequent exposure to service water, no intensification due to backwater
Examples:	Domestic bathrooms, hotel bathrooms	Examples:	Wall surfaces above bathtubs and in showers in bathrooms, floor surfaces in bathrooms without/with drainage without high water impact from the shower area
B0: Moderate load from non-pressing water in outdoor areas	Directly and indirectly exposed outdoor surfaces with non-pressing water loads	18531-5	DIN 18531-5 Waterproofing of balconies and walkways
Examples:	Balconies and terraces (not over utilised rooms)		
A: High load from non-pressing water	Directly and indirectly exposed surfaces in rooms where service and cleaning water is handled very frequently or for long periods of time	18534	W2-I: high Areas with frequent exposure to splash water and/or service water, especially on the ground, temporarily intensified by backwater
Examples:	Swimming pool and shower surrounds	Examples:	Wall surfaces of showers in sports/commercial facilities, floor surfaces with drains and/or gutters
B: High load from water constantly pressing from the inside in indoor and outdoor areas	Surfaces of tanks exposed to pressurised water	18535	W1-B: Filling height ≤ 5 m W2-B: Filling height ≤ 10 m Waterproofing of tanks and pools
Examples:	Public and private indoor and outdoor swimming pools		
C: High load from non-pressing water with additional chemical impact in interiors	Directly and indirectly exposed surfaces in rooms where service & cleaning water is handled very frequently or for long periods of time, plus limited chemical stress on the waterproofing		
Examples:	Commercial kitchens and laundries		
		18534	W3-I: very high Surfaces with very frequent or long-lasting exposure to splash water and/or service water and/or water from intensive cleaning processes, intensified by backwater
		Examples:	Areas in the vicinity of swimming pools, areas in commercial premises (commercial kitchens, laundries, breweries)

Waterproofing systems for all load classes

With just three waterproofing systems, Remmers offers solutions for all water impact classes indoors and outdoors. Our waterproofing products and tile adhesives are specially designed for easy application in the various areas of use. All system products have passed the tests stipulated by the waterproofing standards, and some of them even have additional certifications such as the Eimcode.

[basic] system

Pro system



System	Basic
Waterproofing	FF 1K Polymer dispersion
Tile adhesive	FL fix [basic] Class C2 TE
Grout	FL grout flex
Range of use	Interiors W0-I to W2-I (wall only)
Approval	DIN EN 14891, abP as per PG-AIV-F

System	Pro
Waterproofing	MB 2K Flexible, mineral waterproofing slurry
Tile adhesive	FL fix Class C2 TE S1
Grout	FL grout flex
Range of use	Interiors W0-I to W3-I
Approval	DIN EN 14891, abP as per PG-AIV-F

3 in 1 system

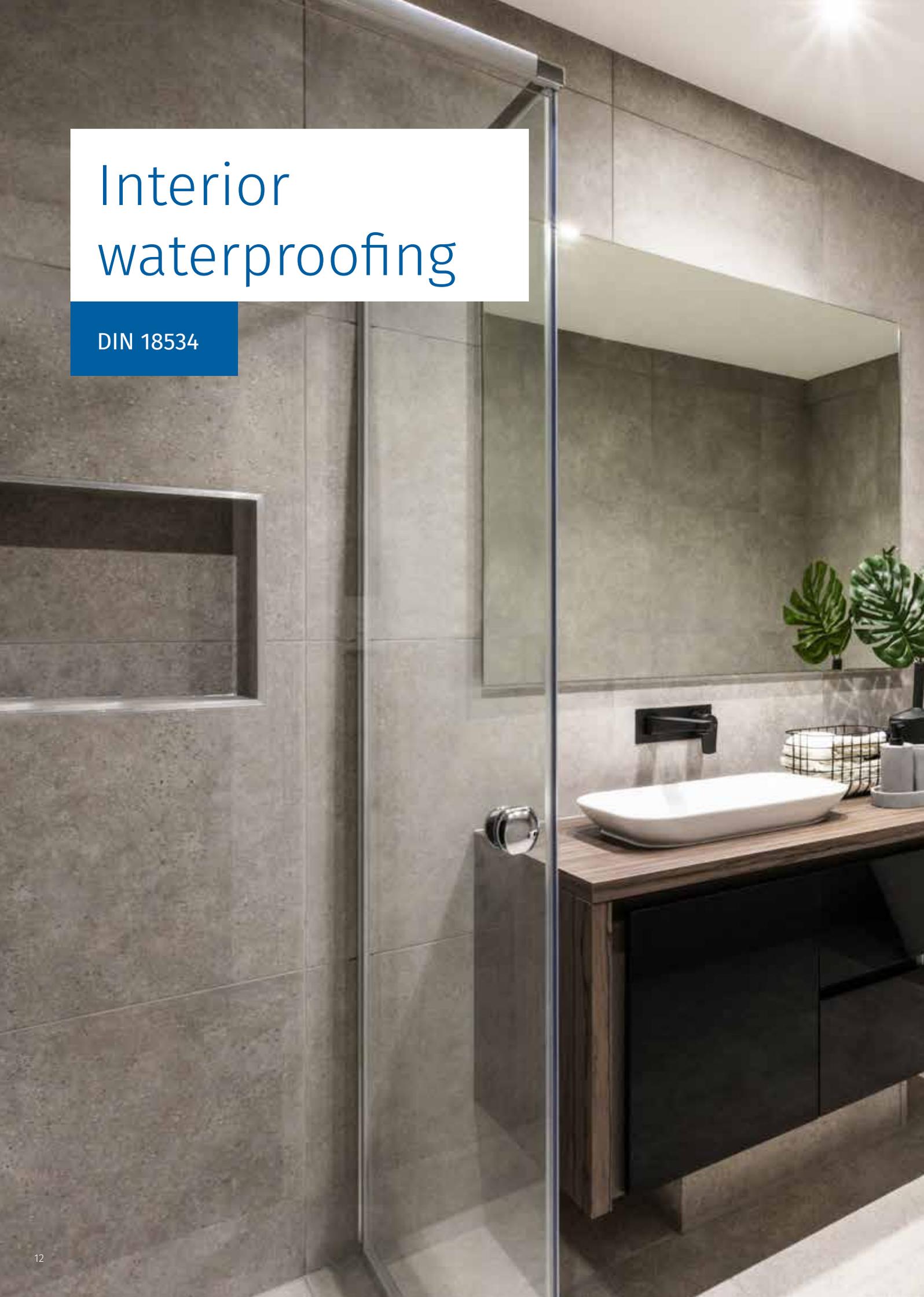


System	3 in 1
Waterproofing	MB FL 2K Flexible, mineral waterproofing slurry
Tile adhesive	MB FL 2K Class C1 TE S2
Grout	MB FL 2K
Range of use	Balconies, terraces, interiors W0-I to W3-I
Approval	DIN EN 14891, ETAG 022



Interior waterproofing

DIN 18534







The rules of waterproofing for interiors

DIN 18534 gives planners and developers a set of rules for waterproofing floor and wall surfaces in indoor applications with a planned backwater height of up to 10 cm.

Within the meaning of this standard, indoor applications refer to surfaces that are exposed to splash water, service water or cleaning water. This is the case, for example, in bathrooms, commercial kitchens, and areas around swimming pools or shower facilities. The standard also covers production and commercial areas.

Section 5 looks at various impacts on the building structure that must be accounted for during planning. The waterproofing material must be chosen and designed in consideration of these impacts. As a general principle, the planning stage should also include an analysis of the suitable waterproofing types for the specific case in hand. Annex B of the standard provides a guide that includes criteria for selecting the right type of waterproofing.



Impacts on components in interiors

Water impact classes

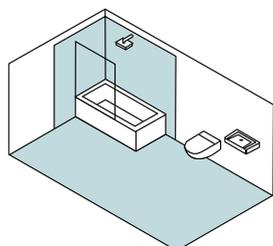
In Part 1 “Requirements and principles for design and execution”, DIN 18534 describes various impacts that must be considered during the planning and implementation stages. The water impact classes already known from the ZDB Guideline were carried over and expanded, resulting in four different impact levels from low (W0-I) to very high (W3-I). The water impact must be evaluated separately for each wall and floor surface, so it is not unusual for a bathroom to have several different water impact classes.

The respective water impact class in each case also has an impact on the characteristics of the substrate. If the water impact is only low or moderate, moisture-sensitive substrates are permitted. In classes W2-I (high) and W3-I (very high), only substrates that are not sensitive to moisture may be used.

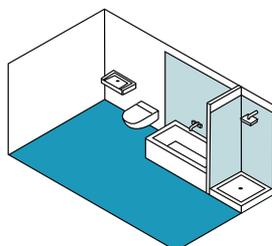
Permitted substrates based on the water impact according to DIN 18534

Water impact class	Permitted substrates
W0-I (low) and W1-I (moderate)	<p>Moisture-sensitive substrates such as</p> <ul style="list-style-type: none">▪ Gypsum/gypsum lime plasters made from gypsum dry mortar▪ Gypsum wall boards▪ Calcium sulphate-bonded screeds <ul style="list-style-type: none">▪ Gypsum fibreboard▪ Gypsum boards▪ Gypsum boards with fabric reinforcement
W2-I (high) and W3-I (very high)	<p>Substrates not sensitive to moisture, such as</p> <ul style="list-style-type: none">▪ Concrete▪ Lime cement render of mortar class CS II/III▪ Cement-bound mineral building slabs▪ Corrosion-proof metallic materials <ul style="list-style-type: none">▪ Composite elements made from expanded or extruded polystyrene with mortar coating & fabric reinforcement▪ Lightweight concrete hollow wall panels▪ Cement render of mortar class CS IV▪ Cement screed▪ Aerated concrete building slabs

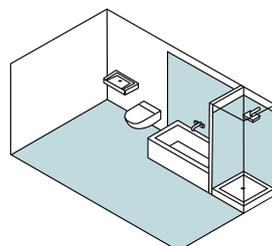
Examples of water impact classes according to DIN 18534



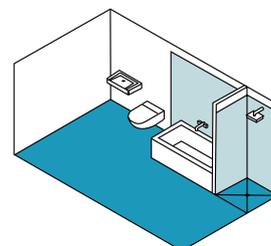
1. Domestic bathroom with bathtub with shower and shower enclosure



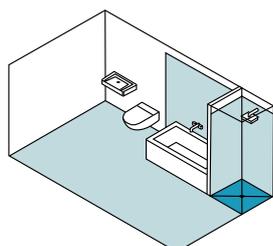
2. Domestic bathroom with bathtub without shower and with shower tray without shower enclosure



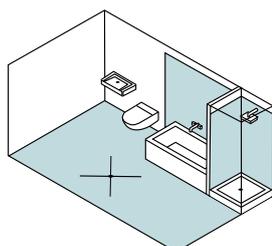
3. Domestic bathroom with bathtub without shower and with shower tray with shower enclosure



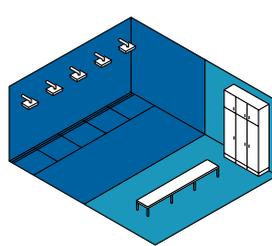
4. Domestic bathroom with bathtub without shower and with floor-level shower without shower enclosure



5. Domestic bathroom with bathtub without shower and with floor-level shower with shower enclosure



6. Domestic bathroom with bathtub without shower and with shower tray with shower enclosure; floor drain in room



7. Communal showers in sports or commercial facility



Permitted exceptions

Waterproofing is not actually required for all water impact classes defined in the standard. DIN 18534 describes the following exceptions where waterproofing can be dispensed with:

- On wall surfaces with moderate water impact (W1-I), if the substrates present are not sensitive to water
- In the lowest water impact class (W0-I), as long as a water-repelling surface offers sufficient protection
- On surfaces where no (splash) water impact is expected



Mechanical effects arising from the substrate

In addition to the effects of water, DIN 18534 describes additional mechanical effects that must be taken into account during planning. It is essential here that the waterproofing is able to absorb the expected movements from the substrate without damage. These movements can be caused by joints as well as cracks in the substrate.

The DIN standard makes a distinction between three joint types: joints in the waterproofing substrate (F1-I), joints at installation parts and penetrations (F2-I) or joints in the

supporting structure (F3-I).

Existing cracks in the waterproofing substrate as well as opening construction joints must be sealed properly before starting the waterproofing work. In addition, possible changes in crack width and the formation of new cracks also play an important role in the choice of waterproofing. In this respect, the DIN standard has defined three crack classes.

Crack class	Max. change in crack width/formation of new cracks after waterproofing	Example of waterproofing substrate, including construction joints, without static verification of crack width limitation
R1-I	up to approx. 0.2 mm	Reinforced concrete, masonry, screed, plaster, force-locked joints of gypsum and gypsum fibre boards ¹⁾
R2-I	up to approx. 0.5 mm	Force-locked joints of panel-shaped cladding, joints of large-format masonry and masonry subject to earth pressure (in each case without plaster)
R3-I	up to approx. 1.0 mm, plus crack offset up to approx. 0.5 mm	Contact joints of masonry, material transitions

¹⁾ Other panel-shaped cladding according to manufacturer's specifications.

Other impacts

In addition, depending on the type and use of the surface in question, other impacts may need to be considered.

The DIN standard describes possible chemical and thermal impacts, as well as mechanical impacts that arise from the use of the surface. These additional impacts are usually found in commercial kitchens or production facilities.



Choosing suitable waterproofing

Liquid-applied waterproofing materials

Part 3 of DIN 18534 looks at the planning and execution of liquid-applied waterproofing materials in combination with a wearing surface of tiles and slabs. It must be borne in mind that not every waterproofing material is permissible for all water impact and crack classes.

One important detail:

The waterproofing product requires either an ETA on the basis of ETAG 022 or a general building inspectorate test certificate according to PG-AIV-F. Furthermore, the waterproofing material should be tested according to DIN EN 14891.

To avoid defects even where there is no damage, the composite waterproofing must be implemented in the tested system. Details of the permitted system components in each case, such as tile adhesive, sealing tape or reinforcement fabric, can be found in the test certificate of the waterproofing product.

Waterproofing type		Water impact class	Crack class	Minimum dry layer thickness (d_{min})
Polymer dispersion (DM)	on walls	W0-I to W2-I	R1-I	0.5 mm
	on floors	W0-I to W1-I	R1-I	0.5 mm
Crack-bridging, mineral waterproofing slurries (CM)	on walls and on floors	W0-I to W3-I	R1-I	2.0 mm
Reaction resins (RM)	on walls and on floors	W0-I to W3-I	R1-I	1.0 mm

Important execution details

- The waterproofing material is to be applied in two layers, regardless of its type. In the case of polymer dispersions, the two waterproofing layers must also be created in contrasting colours
- For water impact class W3-I (very high), the checking of the layer thickness must be documented
- When waterproofing floors, the waterproofing must be extended at least 5 cm up adjacent wall surfaces, as well as behind the frames around doors
- Silicone sealants are not a replacement for waterproofing! Areas under or behind tubs are to be protected accordingly by continuing the waterproofing or, alternatively, by using tub sealing tape.
- For floor drains and channels as well as built-in parts, the flange width must be at least 50 mm; this does not include water impact classes W0-I to W2-I, for which 30 mm is sufficient





Interior waterproofing

Optimised solutions for walls and floors

1 Primer Hydro F

Aqueous primer with strengthening effect

2 FF 1K light

Ready-to-use polymer dispersion for interior waterproofing

3 FF 1K dark

Ready-to-use polymer dispersion for interior waterproofing

4 FL fix [basic]

Flexible tile adhesive

5 Tape VF 120

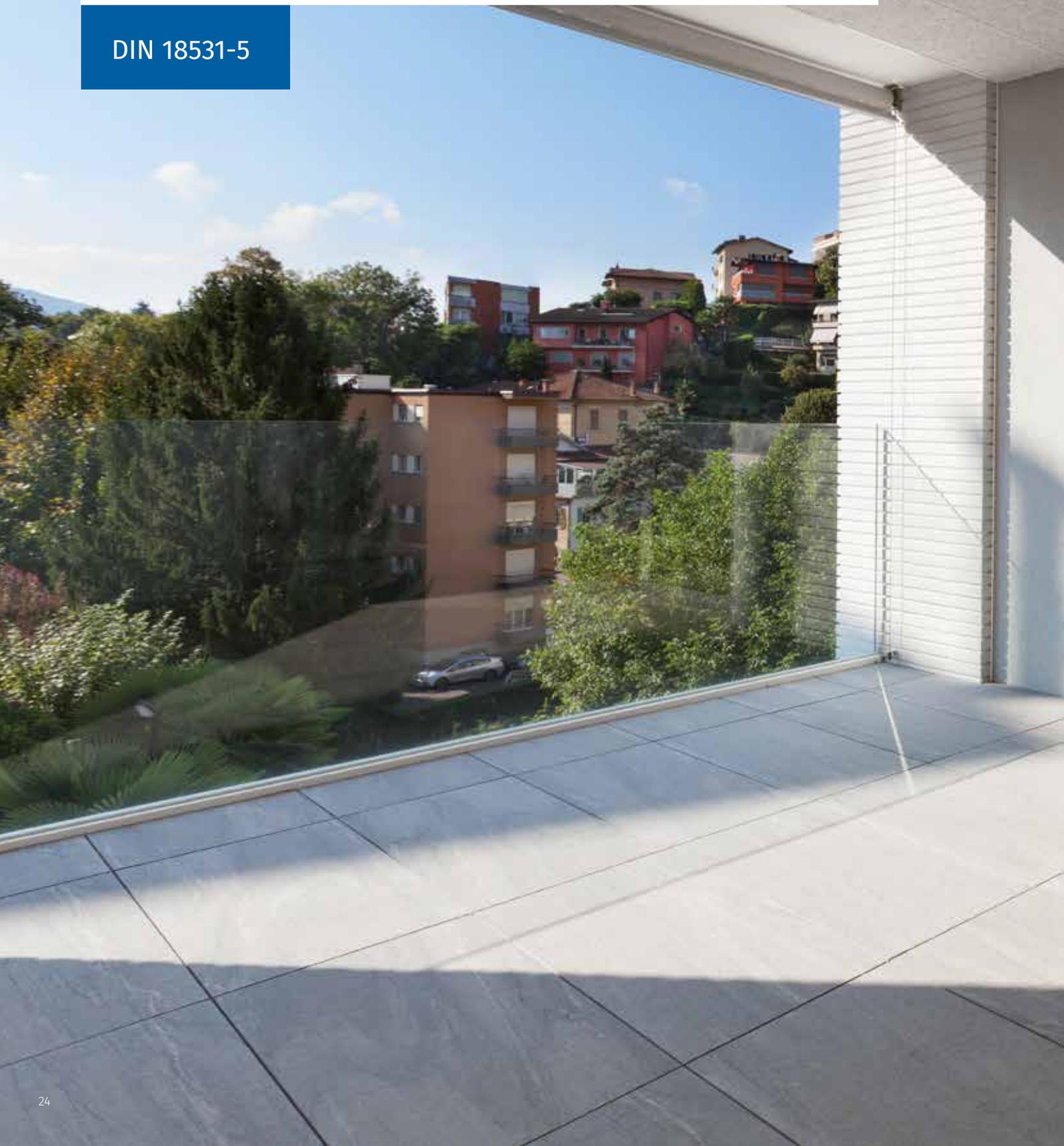
High-quality, premium joint tape made from NBR with fabric coating

6 Tape VF 75 EC/100 IC

High-quality joint tape for internal and external corners made from NBR with fabric coating

Waterproofing balconies, loggias and walkways

DIN 18531-5





Impacts on balcony, loggias and walkway waterproofing

DIN 18531, which has been in force since 2017, focuses on the waterproofing of roofs as well as balconies, loggias and walkways. In order to do justice to the variety of constructions, the standard is divided into five parts:

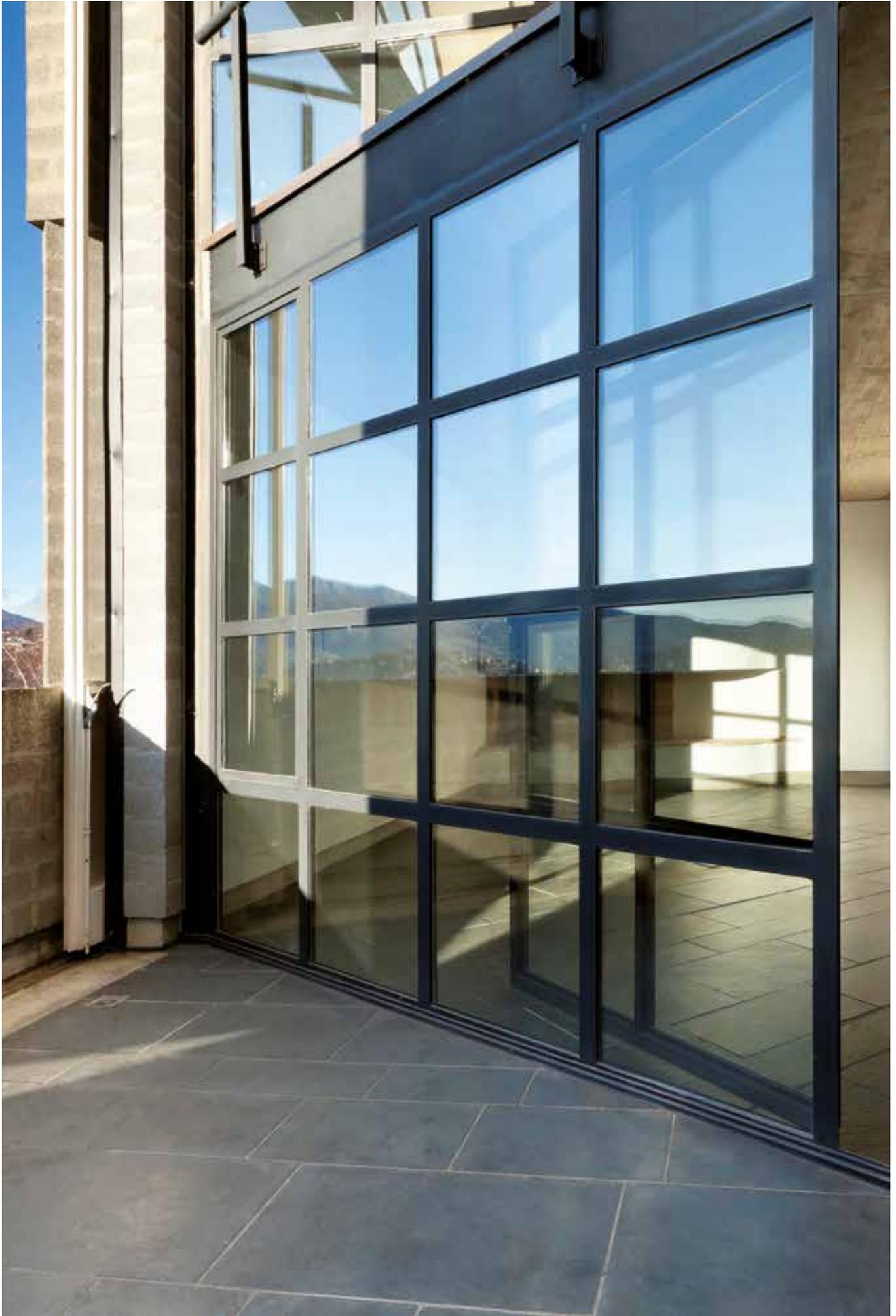
- Part 1: Non-utilized and utilized roofs – Requirements and principles for execution and design
- Part 2: Non-utilized and utilized roofs – Materials
- Part 3: Non-utilized and utilized roofs – Selection, execution and detailing
- Part 4: Non-utilized and utilized roofs – Maintenance
- Part 5: Balconies, loggias and walkways

For the waterproofing of balconies, loggias and walkways, the standard is limited to the use of liquid-applied and sheet waterproofing materials. The waterproofing in combination with tiles and slabs can in turn only be carried out with liquid-applied waterproofing materials. It is also permitted to use crack-bridging, mineral waterproofing slurries (CM for short), as well as reaction resins (RM for short).

In addition, the standard sets specific requirements for the waterproofing system: For instance, the waterproofing material must be tested in accordance with the European DIN EN 14891 standard and bear the CE mark. The adhesives required for applying the tiles or slabs must be tested in the system and specifically named on the test certificate according to DIN EN 14891. It is not permitted to select an arbitrary combination of waterproofing material and tile adhesive for the composite waterproofing.

In contrast to the waterproofing standard for interiors, DIN 18531 does not define any specific water impact classes. Rather, it is assumed that there is a generally high exposure to precipitation water with temporary puddle formation.







Balcony waterproofing structure

Simple solutions for fast results

- 1 Sloped screed (e.g. with Betofix R4 EM)
- 2 Priming with Kiesol MB
- 3 Scratch coat of MB FL 2K
- 4 First waterproofing layer of MB FL 2K
- 5 Embed Tape VF
- 6 Second waterproofing layer of MB FL 2K

- 7 Adhesive bed of MB FL 2K
- 8 Tiling
- 9 Grout tiles with MB FL 2K

Note: The MB FL 2K must have a dry layer thickness of at least 2 mm and must be applied in 2 coats.

Classifying tile adhesives

For waterproofing in combination with tiles and slabs, a tile adhesive is required as part of the system. As a component of the composite waterproofing, not only must this be tested in the system with the waterproofing material (verification via general test certificate), it must also fulfil further requirements.

For example, DIN 18531-5 specifies for waterproofing in combination with tiles and slabs on balconies that the tile adhesive must be tested according to DIN EN 12004 and that cementitious tile adhesives must also comply with at least class S1.

The classification for tile adhesives results from the European standards DIN EN 12004 and DIN EN 12002, according to which all tile adhesives traded in Europe must be tested and provided with the corresponding CE marking. The classes are categorised as follows:

Type of tile adhesive

The standard distinguishes between three types of adhesive mortars on the basis of their material properties.

- C** Cementitious adhesive mortars
- D** Dispersion adhesives
- R** Reaction resin adhesives

Test of adhesive pull strength

The letter C indicates that the adhesive mortar is a cementitious tile adhesive. The number that follows indicates the class to which the tile adhesive is assigned on the basis of its adhesive pull strength values.

- C1** Adhesive pull strength at least 0.5 N/mm²
- C2** Adhesive pull strength at least 1.0 N/mm²

Processing characteristics

The characteristics are determined on the basis of specific test criteria and may also appear in combination.

- T** Thixotropic (reduced slipping)
- E** Extended open time
- F** Fast setting

Deflection

The deflection test provides information on the deformability and thus the flexibility of the tile adhesive. It is indicated by the letter S and classified as group 1 or 2.

- S1** Deflection at least 2.5 mm
- S2** Deflection at least 5.0 mm





System products for reliable results

Waterproofing materials, tile adhesives,
grouts and accessories



MB 2K
Multi-functional building
waterproofing material



MB FL 2K
3 in 1 composite waterproofing



FL fix [basic]
Flexible tile adhesive



FL fix
Flexible tile adhesive



FL grout flex
Plastic-modified tiling grout



FF 1K
Ready-to-use polymer dispersion
for interior waterproofing

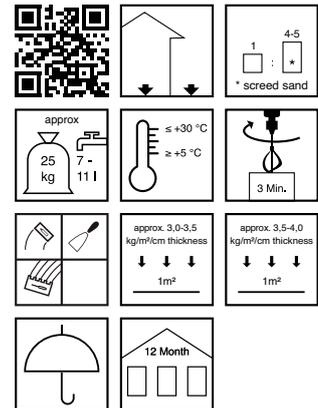
Quick-drying mortar

Screed Fast-Hardening Cement

Quick-drying special cement for rapid laying of screed

Range of use	<ul style="list-style-type: none"> ▪ Rapid laying of screed in interiors and exteriors ▪ Screeds on separation layers ▪ Heated screeds
Property profile	<ul style="list-style-type: none"> ▪ Foot traffic after 3 hours ▪ Very fast setting, can be covered with tiles within hours ▪ Fast water binding ▪ Resistant to water, weather and frost
Application rate	<ul style="list-style-type: none"> ▪ Mixing ratio 1:4 approx. 3.5 - 4.0 kg/m²/cm layer thickness ▪ Mixing ratio 1:5 approx. 3.0 - 3.5 kg/m²/cm layer thickness

Quantity per pallet	30
Packaging unit	25 kg PE bag
Container code	25
Art. no.	
2814	grey



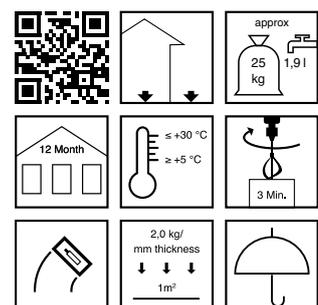
Sloped screeds

Betofix R4 EM [basic]

PCC I (RM) concrete replacement mortar for repairing concrete structures/screed mortar

Range of use	<ul style="list-style-type: none"> ▪ Concrete replacement for statically relevant repairs ▪ Concrete replacement according to DIN EN 1504-3 ▪ Industrial screeds ▪ Bonded screed, floating screed and screed on separation layer ▪ Heated screeds
Property profile	<ul style="list-style-type: none"> ▪ High mechanical resistance ▪ Resistant to frost/de-icing salts ▪ Very low shrinkage ▪ Suitable for machine processing
Application rate	▪ Approx. 2.0 kg/m ² /mm layer thickness, or 2.0 kg/dm ³

Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
1086	grey

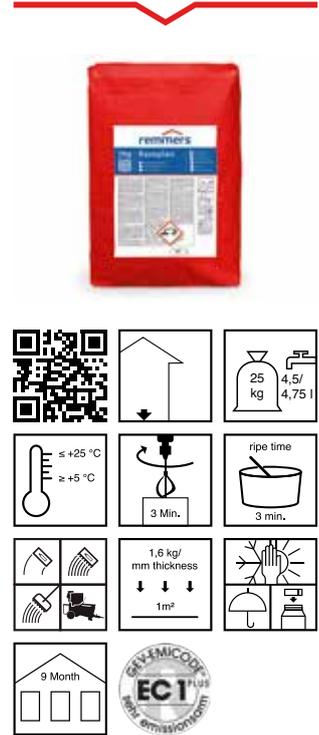


Levelling compounds

Baseplan

Floor levelling compound for interior use

Range of use	<ul style="list-style-type: none"> Levelling layer under coatings Levelling layer under floor coverings Levelling layer under ceramic coverings Layer thickness on cementitious/calcium sulphate bonded substrates: 3 - 20 mm, in broken-out areas up to 30 mm Suitable for underfloor heating 	
Property profile	<ul style="list-style-type: none"> Hydraulic setting Low-stress Treated with synthetic resins Good flow properties High strength and hardness Suitable for use with pumps Very low emissions (GEV-EMICODE EC1^{plus}-R) Fire behaviour: class A2fl-s1 (as per DIN EN 13501-1) 	
Application rate	<ul style="list-style-type: none"> Approx. 1.6 kg/m²/mm layer thickness 	
Quantity per pallet	42	
Packaging unit	25 kg Paper bag	
Container code	25	
Art. no.		
6358	grey	■



Primer

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 Plastic canister	5 l Plastic canister	10 l Plastic canister	30 l Plastic canister
Container code	01	05	10	30
Art. no.				
3008	■	■	■	■



System products	Art. no.
Remmers waterproofing	

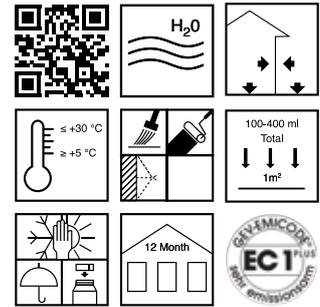
Primer

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	<ul style="list-style-type: none"> ▪ Approx. 0.1 - 0.4 l/m² depending on the substrate

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



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

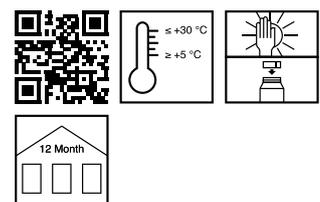
Additives

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 2K to protect against algae and fungi, especially Haematococcus pluvialis ▪ Film preserver for dispersion paints and stains to protect against mould and algae growth ▪ Resistance against leaching and UV radiation
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
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 FL 2K	(3001)

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

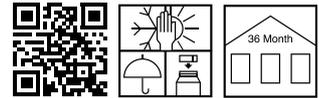
Additives

Pigment FL

Pigment for tinting MB FL 2K

Range of use	<ul style="list-style-type: none"> For tinting grouting made from MB FL 2K
Property profile	<ul style="list-style-type: none"> Very high pigment content Good flow properties Free from additives containing alkylphenols (APEO)
Application rate	<ul style="list-style-type: none"> Depending on needs and desired colour (max. 1.2% based on total mass) Colour variants: <ul style="list-style-type: none"> light grey: add 60 ml Pigment FL white per 6.67 kg MB FL 2K basalt: add 10 ml Pigment FL black per 6.67 kg MB FL 2K anthracite: add 40 ml Pigment FL black per 6.67 kg MB FL 2K

Quantity per pallet	24000	
Packaging unit	20 ml Plastic bottle	
Container code	01	
Art. no.		
2863	black	■
2864	white	■



System products	Art. no.
MB FL 2K	(3001)

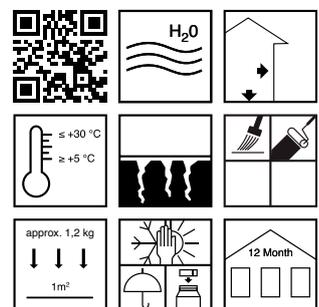
1K waterproofing systems

FF 1K

Ready-to-use polymer dispersion for interior waterproofing

Range of use	<ul style="list-style-type: none"> Suitable for water impact classes W0-I, W1-I and W2-I (wall only) acc. to DIN 18534 Waterproofing in combination with tiles and slabs Tested to DIN EN 14891 AbP as per PG-AIV-F Moisture-sensitive, absorbent substrates, e.g. gypsum materials Absorbent mineral substrates, e.g. screed, cement render, lime cement render, concrete, aerated concrete, sand-lime brick
Property profile	<ul style="list-style-type: none"> Can be applied by brush or roller Fast drying Water tight Crack-bridging Solvent-free and very low emissions (GEV-EMICODE EC 1 PLUS) Available in contrasting colours
Application rate	<ul style="list-style-type: none"> Approx. 1.2 kg/m² (for a dry layer thickness of at least 0.5 mm)

Quantity per pallet	48	32
Packaging unit	7 kg Plastic bucket	15 kg Plastic bucket
Container code	07	15
Art. no.		
2868	dark	■
2907	light	■



System products	Art. no.
Primer Hydro F	(2842)
FL fix [basic]	(2859)
Tape VF series	

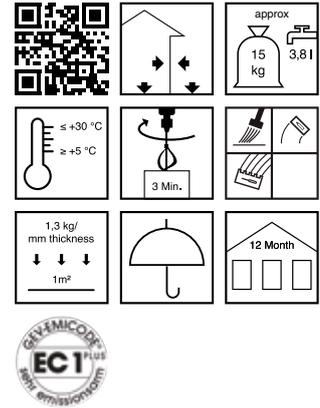
1K waterproofing systems

WP Flex 1K

Flexible 1K waterproofing slurry

Range of use	<ul style="list-style-type: none"> Waterproofing new buildings Subsequent exterior waterproofing Horizontal waterproofing in and under walls Base and footing waterproofing Composite waterproofing Tank waterproofing up to a maximum filling height of 3 m
Property profile	<ul style="list-style-type: none"> Very low emissions (GEV-EMICODE EC 1^{Plus}) Flexible High adhesion to the substrate Can be applied as a slurry or filler Water pressure-tight according to DIN EN 14891
Application rate	<ul style="list-style-type: none"> Approx. 1.3 kg/m²/mm

Quantity per pallet	42
Packaging unit	15 kg PE bag
Container code	15
Art. no.	
0445 grey	■



System products	Art. no.
Kiesol MB	(3008)
Tape VF series	
Remmers tile adhesives	



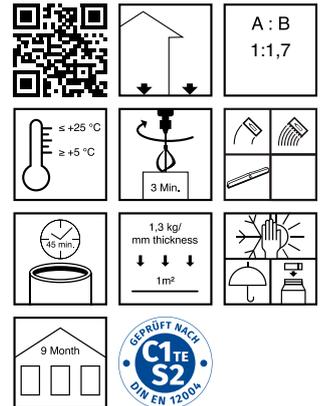
2K waterproofing systems

MB FL 2K

3 in 1 composite waterproofing

Combines waterproofing, tile adhesive and tilling grout in a single material

Range of use	<ul style="list-style-type: none"> 3 in 1: Waterproofing, tile adhesive and grout Interiors and exteriors, floor surfaces Waterproofing in combination with tiles Suitable for new and old buildings Waterproofing balconies, loggias and walkways Waterproofing bathrooms and swimming pool perimeter areas
Property profile	<ul style="list-style-type: none"> Highly flexible Water impermeable Reactive drying Light colour means joints can be tinted with pigment Joint widths of approx. 3 - 12 mm For heated flooring constructions
Application rate	<ul style="list-style-type: none"> As waterproofing: min. 1.3 kg/m²/mm dry layer thickness As tile adhesive: 8 mm tooth: approx. 2.9 kg/m² 10 mm tooth: approx. 3.5 kg/m² 12 mm tooth: approx. 4.4 kg/m² As joint filler: approx. 0.2 kg/m² (6 mm joint width, tiles 30/60 cm, thickness 6 mm, total joint length 410 cm)



Quantity per pallet	44	18
Packaging unit	6.67 kg Combi-container (1 x 4.2 kg powder + 1 x 2.47 kg polymer)	20 kg Combi-container (3 x 4.2 kg powder + 3 x 2.47 kg polymer)
Container code	06	20
Art. no.		
3001	■	■

System products	Art. no.
Kiesol MB	(3008)
Clean FL	(0651)
Pigment FL	(2863)
Betofix R4 EM [basic]	(1086)
Protect MKT 1*	(3024)
Primer Hydro F	(2842)
Tape VF series	
*Use biocides safely. Always read the label and product information before use.	

2K waterproofing systems

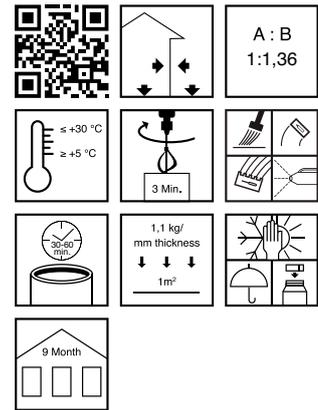
MB 2K

Multi-functional building waterproofing material

Unites the properties of flexible, crack-bridging mineral waterproofing slurries (MWS) 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% relative humidity ■ Satisfies the test requirements for PMBCs ■ Radon impermeability (verified through testing) ■ 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 Combi-container (2 x 2.4 kg powder + 2 x 1.75 kg polymer)	25 kg Combi-container (1 x 14.4 kg powder + 1 x 10.6 kg polymer)	25 kg Combi-container (3 x 4.8 kg powder + 3 x 3.5 kg polymer)
Container code	08	11	25
Art. no.			
3014	■	■	■



System products	Art. no.
Protect MKT 1*	(3024)
Kiesol MB	(3008)
FL fix	(2817)
Tape VF series	
*Use biocides safely. Always read the label and product information before use.	



Waterproofing systems based on polyurethane resin

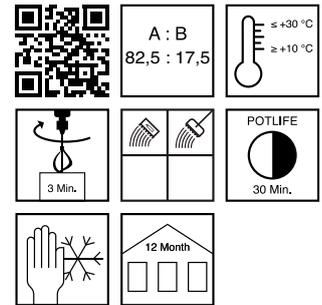
PUR Base WPM

Crack-bridging intermediate layer

Range of use	<ul style="list-style-type: none"> Crack-bridging intermediate layer As per BEB Worksheet KH 6
Property profile	<ul style="list-style-type: none"> Static crack-bridging High chemical durability
Application rate	<ul style="list-style-type: none"> Dependent on application (see Technical Data Sheet)
Overcoating	<ul style="list-style-type: none"> Waiting time between coats min. 12 hours and max. 24 hours. If longer waiting times are required on site, sand the surface until white before applying the next coat.



Quantity per pallet	
Packaging unit	10 kg Tin bucket
Container code	11
Art. no.	
6065	■

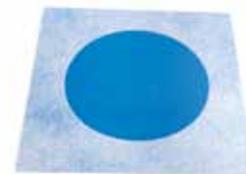


Joint tapes

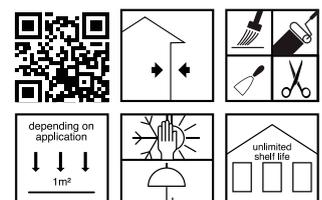
Tape VF 350 HC

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	550
Packaging unit	5 pcs Carton
Container code	01
Art. no.	
4804	blue ■



System products	Art. no.
Remmers waterproofing	
Tape VF series	

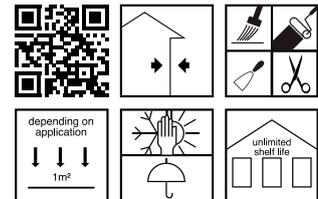
Joint tapes

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, 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"> ▪ Highly flexible ▪ High stretch and resilience ▪ Special fabric coating
Application rate	<ul style="list-style-type: none"> ▪ As needed

Quantity per pallet		6000	6000	1250
Packaging unit	10 m Roll	50 m Roll	10 pcs Carton	25 pcs Carton
Container code	01	02	01	01
Art. no.				
5071	Tape VF 120 / Joint Tape VF 120	■	■	
5073	Tape VF 75 EC / External Corner VF		■	
5074	Tape VF 100 IC / Internal Corner VF		■	
5077	Tape VF 120 VC / Wall Gasket VF 120x120 mm			■



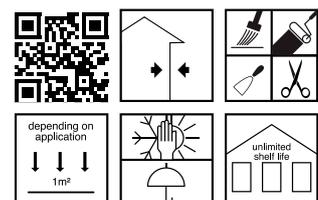
System products	Art. no.
Remmers waterproofing	
Tape VF series	

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 ▪ Plinth waterproofing ▪ Applying 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"> ▪ Highly flexible ▪ High stretch and resilience ▪ Special fabric coating
Application rate	<ul style="list-style-type: none"> ▪ As needed

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



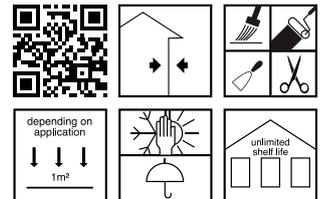
System products	Art. no.
Remmers waterproofing	
Tape VF series	

Joint tapes

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, 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"> ▪ Highly flexible ▪ High stretch and resilience ▪ Special fabric coating
Application rate	<ul style="list-style-type: none"> ▪ As needed



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

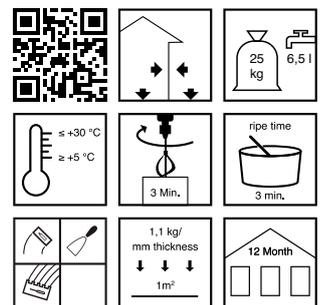
System products	Art. no.
Remmers waterproofing	
Tape VF series	

Tile adhesives

FL fix

Flexible tile adhesive

Range of use	<ul style="list-style-type: none"> ▪ Installing ceramic wall and floor coverings ▪ Interiors and exteriors ▪ Dry, wet and underwater areas ▪ Composite waterproofing
Property profile	<ul style="list-style-type: none"> ▪ High adhesive pull strength (C 2) ▪ Flexible (S 1) ▪ High slip resistance (T) and adhesive pull strength ▪ Extended open time (E) ▪ Very low emissions (GEV-EMICODE EC 1^{Plus})
Application rate	<ul style="list-style-type: none"> ▪ Approx. 11 kg/m²/mm application thickness 4 mm tooth: approx. 1.5 kg/m² 6 mm tooth: approx. 2.3 kg/m² 8 mm tooth: approx. 3.0 kg/m²



Quantity per pallet	36
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
2817	grey



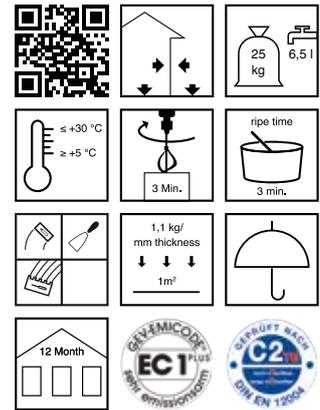
System products	Art. no.
FL grout flex	(2891)
MB 2K	(3014)
Primer Hydro F	(2842)
WP Flex 1K	(0445)

Tile adhesives

FL fix [basic]

Flexible tile adhesive

Range of use	<ul style="list-style-type: none"> ■ Installing ceramic wall and floor coverings ■ Interiors and exteriors ■ Dry, wet and underwater areas ■ Composite waterproofing 	
Property profile	<ul style="list-style-type: none"> ■ High adhesive pull strength (C 2) ■ High slip resistance (T) and adhesive pull strength ■ Extended open time (E) ■ Very low emissions (GEV-EMICODE EC 1^{Plus}) 	
Application rate	<ul style="list-style-type: none"> ■ Approx. 1.1 kg/m²/mm application thickness 4 mm tooth: approx. 1.5 kg/m² 6 mm tooth: approx. 2.3 kg/m² 8 mm tooth: approx. 3.0 kg/m² 	
Quantity per pallet	36	
Packaging unit	25 kg Paper bag	
Container code	25	
Art. no.		
2859	grey	■

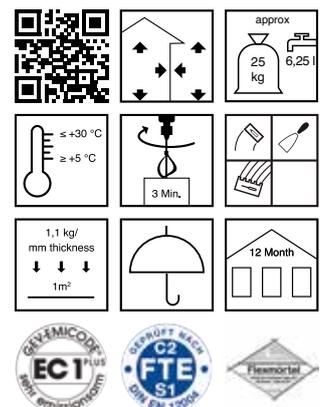


System products	Art. no.
FL grout flex	(2891)
Primer Hydro F	(2842)
FF 1K	(2868)

FL fix rapid

Quick-hardening, flexible tile adhesive

Range of use	<ul style="list-style-type: none"> ■ Installing ceramic wall and floor coverings ■ Interiors and exteriors ■ Dry, wet and underwater areas ■ Substrate levelling up to 5 mm ■ Substrates with elevated deformation behaviour 	
Property profile	<ul style="list-style-type: none"> ■ High adhesive pull strength (C 2) ■ Flexible (S 1) ■ Fast setting (F) ■ Ready for foot traffic and grouting after approx. 3 hours ■ High slip resistance (T) and adhesive pull strength ■ Extended open time (E) 	
Application rate	<ul style="list-style-type: none"> ■ Approx. 1.1 kg/m²/mm application thickness at 4 mm approx. 1.6 kg/m² at 6 mm approx. 2.3 kg/m² at 8 mm approx. 2.9 kg/m² 	
Quantity per pallet	42	
Packaging unit	25 kg Paper bag	
Container code	25	
Art. no.		
2866	grey	■



System products	Art. no.
FL grout flex	(2891)
Primer Hydro F	(2842)

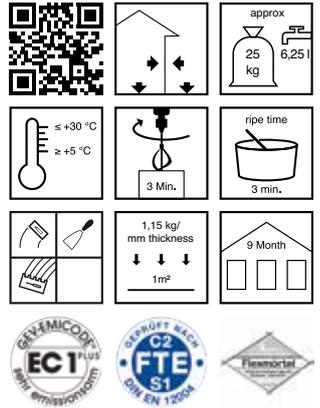
Tile adhesives

FL fix white

White natural stone and tile adhesive

Range of use	<ul style="list-style-type: none"> ▪ Installing ceramic wall and floor coverings ▪ Bonding natural stone wall and floor coverings ▪ Bonding glass mosaic and glass blocks ▪ Interiors and exteriors ▪ Dry, wet and underwater areas ▪ Substrate levelling up to 5 mm
Property profile	<ul style="list-style-type: none"> ▪ White binder ▪ Fast water binding ▪ High adhesive pull strength (C 2) ▪ Fast setting (F) ▪ High slip resistance (T) and adhesive pull strength ▪ Extended open time (E) ▪ Flexible (S 1) ▪ Very low emissions (GEV-EMICODE EC 1^{plus})
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.15 kg/m²/mm application rate 4 mm tooth: approx. 2.3 kg/m² 8 mm tooth: approx. 4.6 kg/m²

Quantity per pallet	30
Packaging unit	25 kg PE bag
Container code	25
Art. no.	
2850	white



System products	Art. no.
FL grout white	(2867)
Primer Hydro F	(2842)

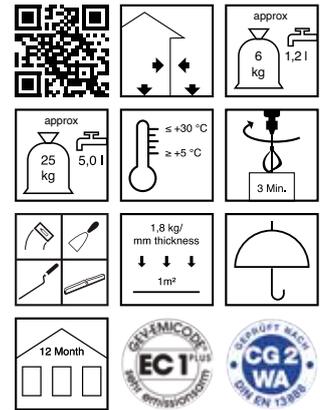
Tiling grout

FL grout flex

Plastic-modified tiling grout

Range of use	<ul style="list-style-type: none"> ▪ Interiors and exteriors, dry and wet areas ▪ Joint widths from 4 - 20 mm ▪ For heated flooring constructions ▪ Grouting ceramic wall and floor coverings ▪ Glass block walls
Property profile	<ul style="list-style-type: none"> ▪ Very low emissions (GEV-EMICODE EC 1^{Plus}) ▪ High abrasion resistance ▪ Reduced water uptake ▪ Flexible grout acc. to DIN EN 13888 ▪ Resistant to water and frost ▪ Good flank adhesion
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.8 kg/m²/mm layer thickness

Quantity per pallet	130	42
Packaging unit	6 kg PE bag	25 kg PE bag
Container code	06	25
Art. no.		
2891	cement grey	■
2899	special colours*	■
*Upon request. Minimum order quantity 25 kg		



System products **Art. no.**

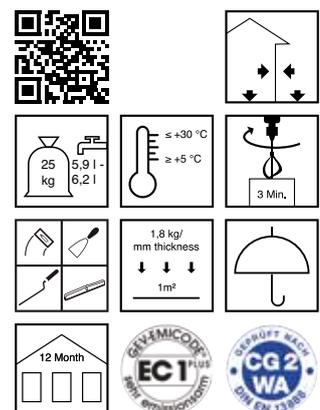
Remmers tile adhesives

FL grout white

Grout for natural stone

Range of use	<ul style="list-style-type: none"> ▪ Interiors and exteriors, dry and wet areas ▪ Joint widths from 4 - 20 mm ▪ For heated flooring constructions ▪ Grouting ceramic wall and floor coverings
Property profile	<ul style="list-style-type: none"> ▪ Very low emissions (GEV-EMICODE EC 1^{Plus}) ▪ High abrasion resistance ▪ Reduced water uptake ▪ Flexible grout acc. to DIN EN 13888 ▪ Resistant to water and frost ▪ Good flank adhesion
Application rate	<ul style="list-style-type: none"> ▪ Approx. 1.8 kg/m²/mm layer thickness ▪ The precise application rate depends on the joint width and depth, as well as the tile format

Quantity per pallet	30
Packaging unit	25 kg PE bag
Container code	25
Art. no.	
2867	white



System products **Art. no.**

FL fix white (2850)

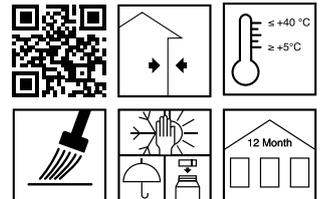
Primer for silicones

Silicone Primer P

Primer for silicone sealants

Range of use	<ul style="list-style-type: none"> Primer in joint formation regions Particularly for exterior use For areas subjected to high mechanical stress
Property profile	<ul style="list-style-type: none"> Fast drying Optimum adhesion to many substrates Good self-adhesion
Application rate	<ul style="list-style-type: none"> Average approx. 10 ml/running metre for both joint sides

Quantity per pallet	800
Packaging unit	250 ml Tin bottle
Container code	83
Art. no.	
7270	■



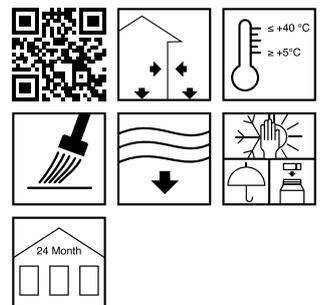
System products	Art. no.
MultiSil	(7380)
MultiSil NUW	(7525)

Underwater Primer

2K primer for joint sealants in permanently wet areas

Range of use	<ul style="list-style-type: none"> Joints with permanently wet and permanently underwater loads On highly porous substrates Primer for silicone and PUR sealants
Property profile	<ul style="list-style-type: none"> Resistant to permanent water loads Fast drying Optimum adhesion to many substrates
Application rate	<ul style="list-style-type: none"> As needed

Quantity per pallet	240
Packaging unit	200 g 2K tin can
Container code	83
Art. no.	
7450	■



System products	Art. no.
MultiSil NUW	(7525)
AW PC. 2K	(7641)
PU AW	(7630)

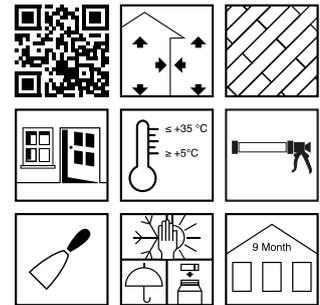
Joint sealants, elastic/silicone

MultiSil

Universal, alkoxy-crosslinking silicone sealant

Range of use	<ul style="list-style-type: none"> ▪ Glazing work – especially in wood window manufacturing ▪ Expansion and connection joints in construction and sanitary areas ▪ Roof waterproofing ▪ Sheet metal and metal construction ▪ Interior finishing, parquet etc. ▪ Mirror and plexiglass mounting ▪ Do not use on natural stone (e.g. marble) or on aquariums and under-water joints
Property profile	<ul style="list-style-type: none"> ▪ Abrasion-resistant and streak-free ▪ Coating-compatible as per DIN 52452, Part 4 ▪ Film preserver protects against microbial damage ▪ Extremely strong adhesion ▪ Can be used on many substrates without an adhesive primer
Application rate	▪ Approx. 100 ml/running metre for a 1 cm ² joint cross-section
Yield	▪ 310 ml will cover approx. 3 m

Quantity per pallet	1056	1056	864
Packaging unit	6 x 310 ml Cartridge	12 x 310 ml Cartridge	12 x 600 ml Aluminium bag
Container code	06	12	60
Art. no.			
7378	window grey	■	■
7379	cement grey	■	
7380	transparent		■
7381	white		■
7382	medium brown	■	■
7385	brown	■	
7386	dark brown	■	■
7387	black		■
7388	manhattan		■
7390	dark grey	■	■
7391	light grey/silver grey		■
7392	medium grey	■	■
7395	oregon	■	■
7389*	special colours	■	■
* 600 ml upon request			



System products	Art. no.
Silicone Primer P	(7270)
Joint compounds - mineral	

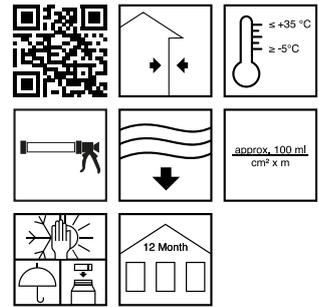
Joint sealants, elastic/silicone

MultiSil NUW

Plasticiser-free, alkoxy-crosslinking silicone sealant

Range of use	<ul style="list-style-type: none"> ■ Natural stone ■ Joints subjected to high mechanical and chemical stress ■ Permanently underwater areas ■ Food industry ■ Medical treatment rooms
Property profile	<ul style="list-style-type: none"> ■ No discolouration on natural stone ■ Highly resistant to mechanical and chemical stresses ■ Highly elastic
Application rate	<ul style="list-style-type: none"> ■ 100 ml/running metre for a 1 cm² joint cross-section

Quantity per pallet	1056	864
Packaging unit	12 x 310 ml Cartridge	12 x 600 ml Aluminium bag
Container code	12	60
Art. no.		
7525	transparent	■
7527	light grey	■
7528	manhattan	■
7529	special colours*	■
* upon request		



System products	Art. no.
Round Cord	(4260)
Underwater Primer	(7450)
Silicone Primer P	(7270)
Silicone Remover	(7799)

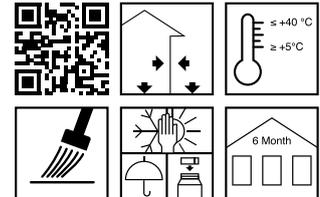
Primer for polyurethanes

Primer PUR

Primer made from PUR solid resin and organic solvent

Range of use	<ul style="list-style-type: none"> Primer for all PUR/MS sealants and pouring compounds
Property profile	<ul style="list-style-type: none"> Fast drying Optimum adhesion to many substrates
Application rate	<ul style="list-style-type: none"> As needed

Quantity per pallet	800	192
Packaging unit	0.25 l Tin bottle	1 l Tin bottle
Container code	83	85
Art. no.		
7530	■	■



System products	Art. no.
MS 150	(7505)
PU AW	(7630)
PUR P.C. 2K	(7550)
AW P.C. 2K	(7641)

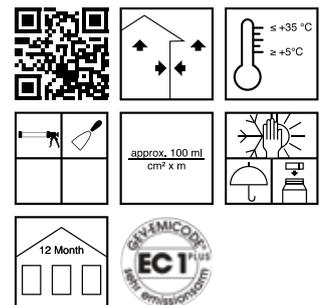
Polyurethanes and hybrid polymers

MS 150

Elastic sealant based on MS hybrid polymers

Range of use	<ul style="list-style-type: none"> Joints in concrete and precast construction Facade joints, masonry joints Facade cladding, steel and assembly construction Joints connecting door and window frames to the building structure Universal, elastic polymer adhesive
Property profile	<ul style="list-style-type: none"> High adhesion to many substrates Quick, blister-free curing Can be painted and coated over Coating compatible acc. to DIN 52452 Very low emissions (GEV-EMICODE EC 1^{Plus}) Isocyanate-free
Application rate	<ul style="list-style-type: none"> Approx. 100 ml/running metre for a 1 cm² joint cross-section

Quantity per pallet	1056	880
Packaging unit	12 x 290 ml Cartridge	20 x 600 ml Aluminium bag
Container code	12	59
Art. no.		
7505	concrete grey	■



System products	Art. no.
Primer PUR	(7530)

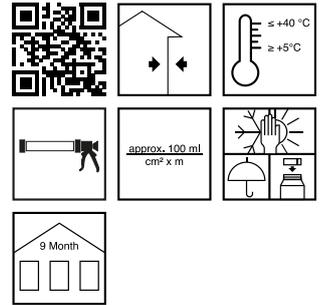
Polyurethanes and hybrid polymers

PU AW

Elastic jointing compound based on PUR synthetic resins

Range of use	<ul style="list-style-type: none"> Waterproofing in sewage and sewage treatment plant applications Cesspits, joints with ground contact Walls
Property profile	<ul style="list-style-type: none"> Resistant to water, seawater, sewage, faeces, weak acids and alkalis Resistant to a wide range of solvents, temporary resistance to petrol High gas diffusion resistance Test report available
Application rate	<ul style="list-style-type: none"> 100 ml/running metre for a 1 cm² joint cross-section

Quantity per pallet	864
Packaging unit	12 x 600 ml Aluminium bag
Container code	60
Art. no.	
7630	black



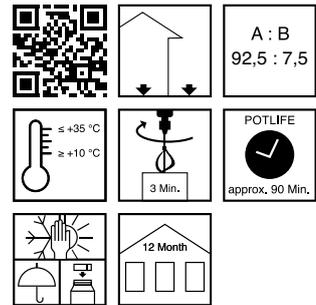
System products	Art. no.
Round Cord	(4260)
Primer PUR	(7530)
Underwater Primer	(7450)

Polyurethanes – 2K

AW Pouring Compound 2K

Self-levelling 2K joint sealing compound based on synthetic resin/polyurethane resin

Range of use	<ul style="list-style-type: none"> Elastic filling of floor joints on paved surfaces and in screeds in multi-storey & underground car parks, workshops, walkways and terraces 	
Property profile	<ul style="list-style-type: none"> Resistant to water, sewage and seawater Resistant to dilute acids and alkalis Resistant to fuel and oils 	
Application rate	<ul style="list-style-type: none"> Approx. 130 g/running metre for a 1 cm² joint cross-section 	
Quantity per pallet		
Packaging unit	5 kg Tin bucket	10 kg Tin bucket
Container code	06	11
Art. no.		
7641	black	■

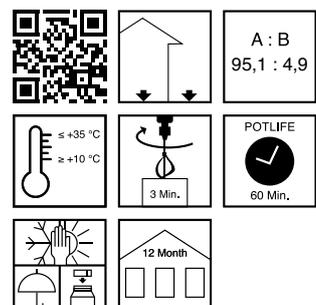


System products	Art. no.
Underwater Primer	(7450)
Primer PUR	(7530)

PUR Pouring Compound 2K

Self-levelling, PUR-based 2K joint sealing compound

Range of use	<ul style="list-style-type: none"> Waterproofing horizontal construction and expansion joints Areas subject to heavy wear such as floor joints in screeds and concrete, joints in halls, warehouses, loading areas, terraces, etc. 	
Property profile	<ul style="list-style-type: none"> Very high wear resistance Withstands abrasive loads 	
Application rate	<ul style="list-style-type: none"> Approx. 135 g/running metre for a 1 cm² joint cross-section 	
Quantity per pallet		
Packaging unit	3 kg Tin bucket	10 kg Tin bucket
Container code	04	11
Art. no.		
7550	grey	■



System products	Art. no.
Underwater Primer	(7450)
Primer PUR	(7530)

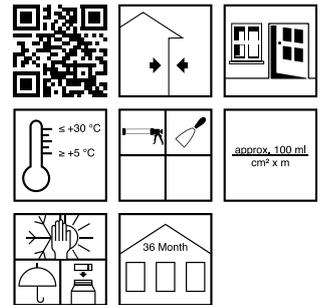
Acrylates

Acryl 100

Premium acrylic sealant, early resistance to rain

Range of use	<ul style="list-style-type: none"> Sealing dimensionally stable building elements Closing cracks Repairing facades, masonry, render and wood surfaces Low-strength materials e.g. aerated concrete, gypsum building materials Wood/wood joints, especially in log cabin construction
Property profile	<ul style="list-style-type: none"> Can be overcoated Quickly becomes rain-proof Elastoplastic Solvent-free
Application rate	<ul style="list-style-type: none"> Approx. 100 ml/m for a 1 cm² joint cross-section

Quantity per pallet	1056	864
Packaging unit	12 x 310 ml Cartridge	12 x 600 ml Aluminium bag
Container code	12	60
Art. no.		
7360	grey	■
7370	white	■
7375	special colours*	■
* On request		



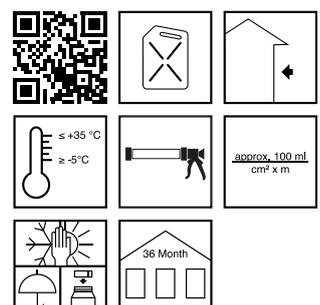
System products	Art. no.
Round Cord	(4260)

Acryl pro

Plastoelastic sealing and adhesive compound

Range of use	<ul style="list-style-type: none"> Roofing trade Tinsmithing and installation General bonding work in the construction and timber trade
Property profile	<ul style="list-style-type: none"> High adhesive power even on damp substrates Compatible with bitumen Universal adhesion Can be overcoated Solvent-based
Application rate	<ul style="list-style-type: none"> Approx. 100 ml/m for a 1 cm² joint cross-section

Quantity per pallet	1056	
Packaging unit	12 x 310 ml Cartridge	
Container code	12	
Art. no.		
7801	transparent	■



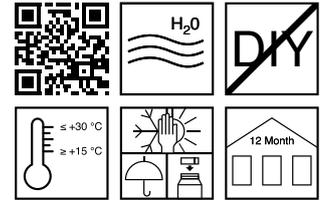
Cleaning agents

Clean FL

Cleaning concentrate for MB FL 2K

Range of use	<ul style="list-style-type: none"> Removing streaks and residues of MB FL 2K on ceramic coverings Final cleaning of previously cleaned tiles Cleaning tools
Property profile	<ul style="list-style-type: none"> High-yielding concentrate Removes even stubborn deposits of MB FL 2K with ease
Application rate	<ul style="list-style-type: none"> Depending on needs and level of contamination: 10% solution in water for normal contamination 20% solution in water for heavy contamination Undiluted for stubborn contamination

Quantity per pallet	288
Packaging unit	1 l Plastic bottle
Container code	01
Art. no.	
0651	■



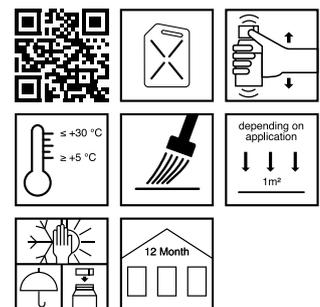
System products	Art. no.
MB FL 2K	(3001)

Silicone Remover

Cleaning agent for removing silicone residues

Range of use	<ul style="list-style-type: none"> Removing hardened silicone residues Removing silicone streaks on windows
Property profile	<ul style="list-style-type: none"> Highly effective Low odour Solvent-based
Application rate	<ul style="list-style-type: none"> Dependent on degree of soiling

Quantity per pallet	960
Packaging unit	200 g Tin bottle
Container code	83
Art. no.	
7799	■



System products	Art. no.
MultiSil	(7380)
MultiSil NUW	(7525)

Accessories for joint sealants

Round Cord

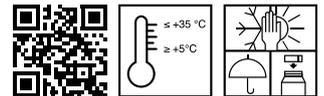
Highly elastic, closed-cell PE foam strands

Range of use	<ul style="list-style-type: none"> Backfilling joints in interiors and exteriors For building construction joints acc. to DIN 18540
Property profile	<ul style="list-style-type: none"> Extruded backfilling material made from polyethylene (PE) Closed-cell acc. to DIN 18540 Good compatibility Repels water Resistant to ageing Normal flammability (fire class B2)
Application rate	<ul style="list-style-type: none"> As needed



Quantity per pallet	9000	5400	2250	1350	900	720	960
Packaging unit	1500 m Carton	600 m Carton	250 m Carton	150 m Carton	100 m Carton	80 m Carton	120 m Carton
Container code	01	01	01	01	01	01	01

Art. no.							
4260	ø 6 mm	■					
4261	ø 10 mm		■				
4262	ø 15 mm			■			
4263	ø 20 mm				■		
4264	ø 25 mm					■	
4265	ø 30 mm						■
4266	ø 40 mm						■



System products	Art. no.
AW P.C. 2K	(7641)
MS 150	(7505)
MultiSil	(7380)
PU AW	(7630)
PUR P.C. 2K	(7550)
MultiSil NUW	(7525)

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Remmers GmbH

Bernhard-Remmers-Straße 13

49624 Lönningen

+49 (0) 54 32/83-0

www.remmers.com

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