remmers

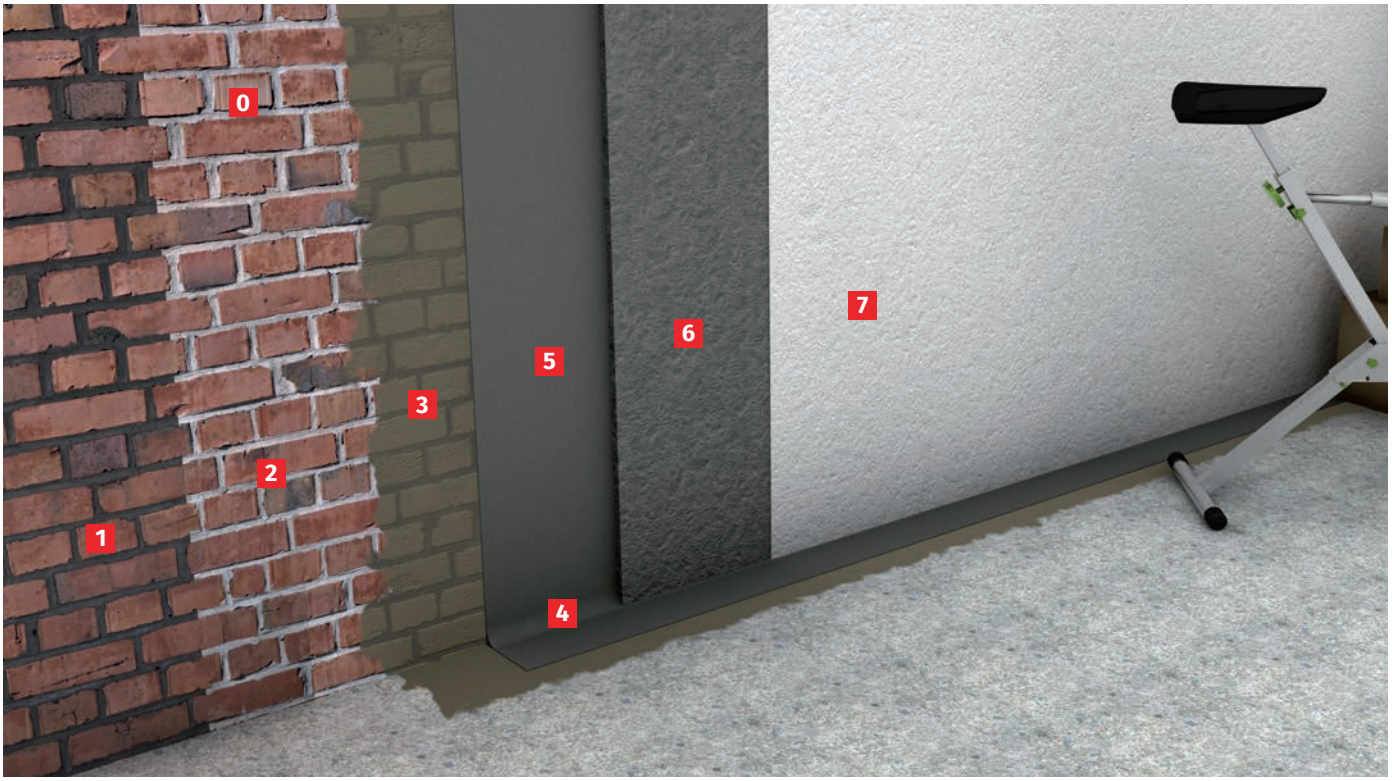
System finder building protection

New and old buildings

Internal Waterproofing of basements

Products:

1810	Kiesol
0430	WP Sulfatex
0428	WP Top [basic]
0254	WP Top SLS



0. Horizontal barrier
Before applying the internal waterproofing system, a masonry injection must first be carried out underneath the base plate.
→ jump to masonry injection

1. Pretreatment of the substrate
Remove old renders and coatings up to 80 cm above the harmed area and scrape damaged joints 2 cm deep.

2. Primer coat
Apply **Kiesol** (1:1 with water) evenly. Pre-wett highly absorbent substrates with water.

3. Bonding brige
Within the reaction time of Kiesol, apply a bonding bridge with **WP Sulfatex** by tassel.

5. Sealing cove
Whilst the bonding bridge is still fresh, insert the sealing cove with **WP Top [basic]** in the transition area between wall and floor by using a sealing cove trowel

6. Levelling layer
Level all unevennesses with **WP Top [basic]** whilst the bonding bridge is still fresh.

7. Waterproofing layer
Apply the waterproofing layer with **WP Top [basic]** on the roughened leveling layer in a thickness of 20 mm. To improve the anchorage of the following plaster, roughen the stiff surface with a grid-float.

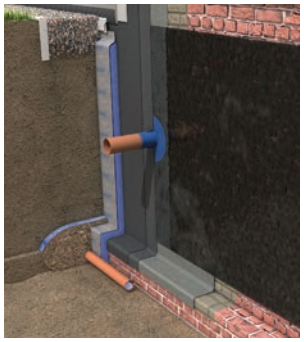
8. Finishing layer
After 2 – 7 days, apply **WP Top SLS** in 5 mm thickness.

Number	Designation	Container sizes	Consumption
1810	**Kiesol**	6 x 1 kg, 5 kg, 10 kg, 30 kg	approx. 0,1 – 0,3 kg/m² (diluted 1:1 with water)
0430	**WP Sulfatex**	5 kg, 25 kg	approx. 1,6 kg/m²/mm layer thickness
0428	**WP Top [basic]**	25 kg	approx. 1,6 kg/m²/mm layer thickness
0254	**WP Top SLS**	20 kg	approx. 0,9 kg/m²/mm layer thickness

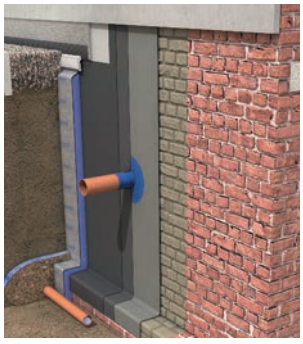
For more detailed information please refer to the current version of the technical data sheets.

Waterproofing of new construction

Subsequent waterproofing of buildings



Presence of old coating



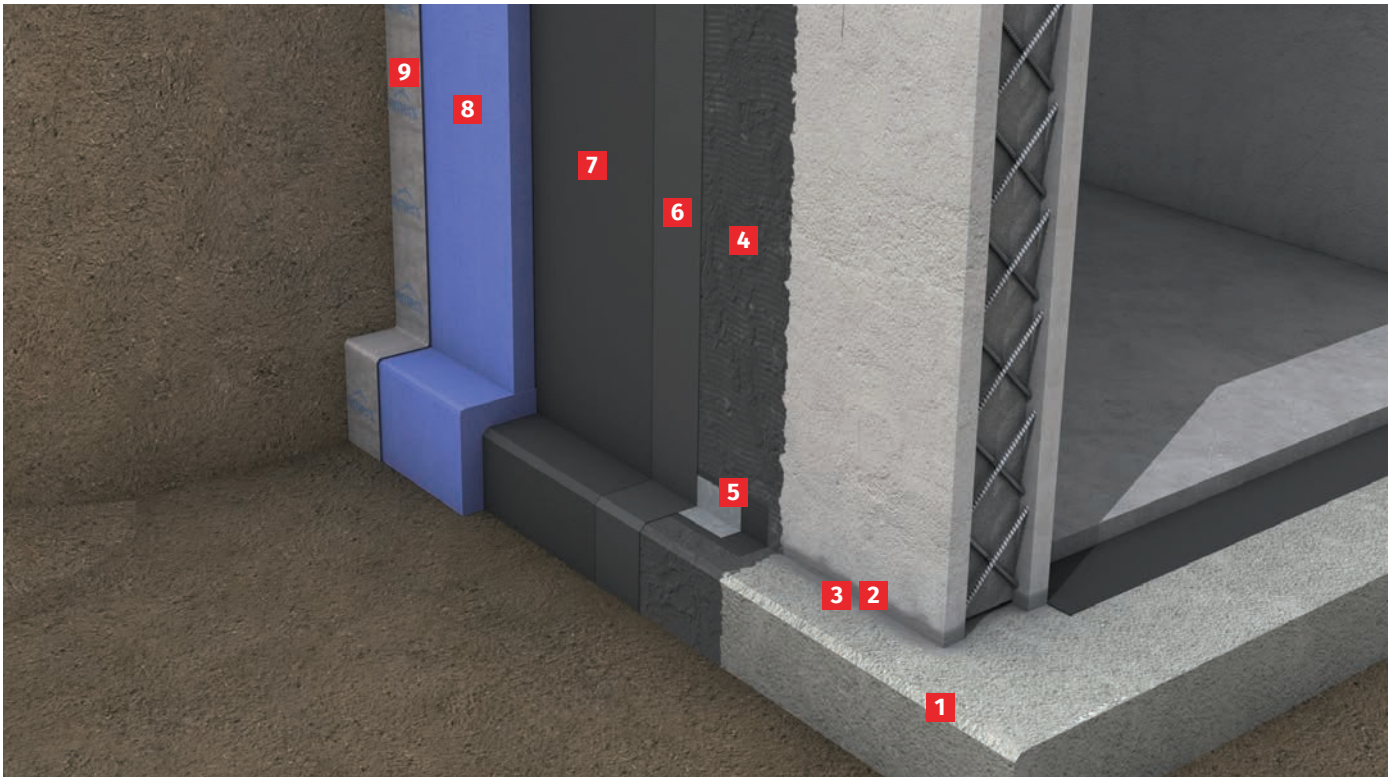
Without existing coating

Products:

0426	WP DS Levell
3008	Kiesol MB
3014	MB 2K
5071	Tape VF

Accessories:

4349	Rohrflansch
0823	DS Protect
0819	DS Protect AL
0818	DS Protect Clip



1. Preliminary work
Chamfer the edge of the projecting foundation. Remove adhesive-reducing leftovers.

2. Levelling layer
Fill all unevennesses and imperfections > 5 mm with **WP DS Levell.** Pre-wett highly absorbent substrates with water.

3. Primer coat
Apply **Kiesol MB** evenly. Pre-wett highly absorbent substrates with water. Leave out the leveled areas.

4. Scratch coat
Apply the scratch coat with **MB 2K**.

5. Installation of Tape
After applying **MB 2K** on the inner corner, embed **Tape VF** whilst the scratch coat is still fresh.

6. First waterproofing layer
Apply the first waterproofing layer of **MB 2K** evenly.

7. Second waterproofing layer
As soon as the first waterproofing layer can no more be damaged, apply the second layer of **MB 2K**.

8. Thermal insulation
When the surface is dry, bond the thermal insulation all-over with **MB 2K**.

9. System protection and drainage
Install **DS Protect** at the height of the top ground surface.

Number	Designation	Container sizes	Consumption
0426	**WP DS Levell**	25 kg	approx. 1,7 kg/m²/mm layer thickness
3008	**Kiesol MB**	5 l, 30 l	approx. 100 – 200 ml/m²
3014	**MB 2K**	8,3 kg, 25 kg	at least 1,2 kg/m²/mm dry layer thickness
5071	**Tape VF**	10 m x 120 mm	as required
5072		50 m x 120 mm	
5073		Outside corner	
5074		Inside corner	
5077		120 mm x 120 mm	
4349	**Rohrflansch**	ø < 87 mm	as required
4350		ø < 87 - 110 mm	
4351		ø > 110 mm	
0823	**DS Protect**	2 m x 20 m = 40 m²	approx. 1,1 m²/m²
		2 m x 12,5 m = 25 m²	
0819	**DS Protect AL**	2 m	approx. 1 m/m
0818	**DS Protect Clip**	50 pieces	approx. 4 pieces/m

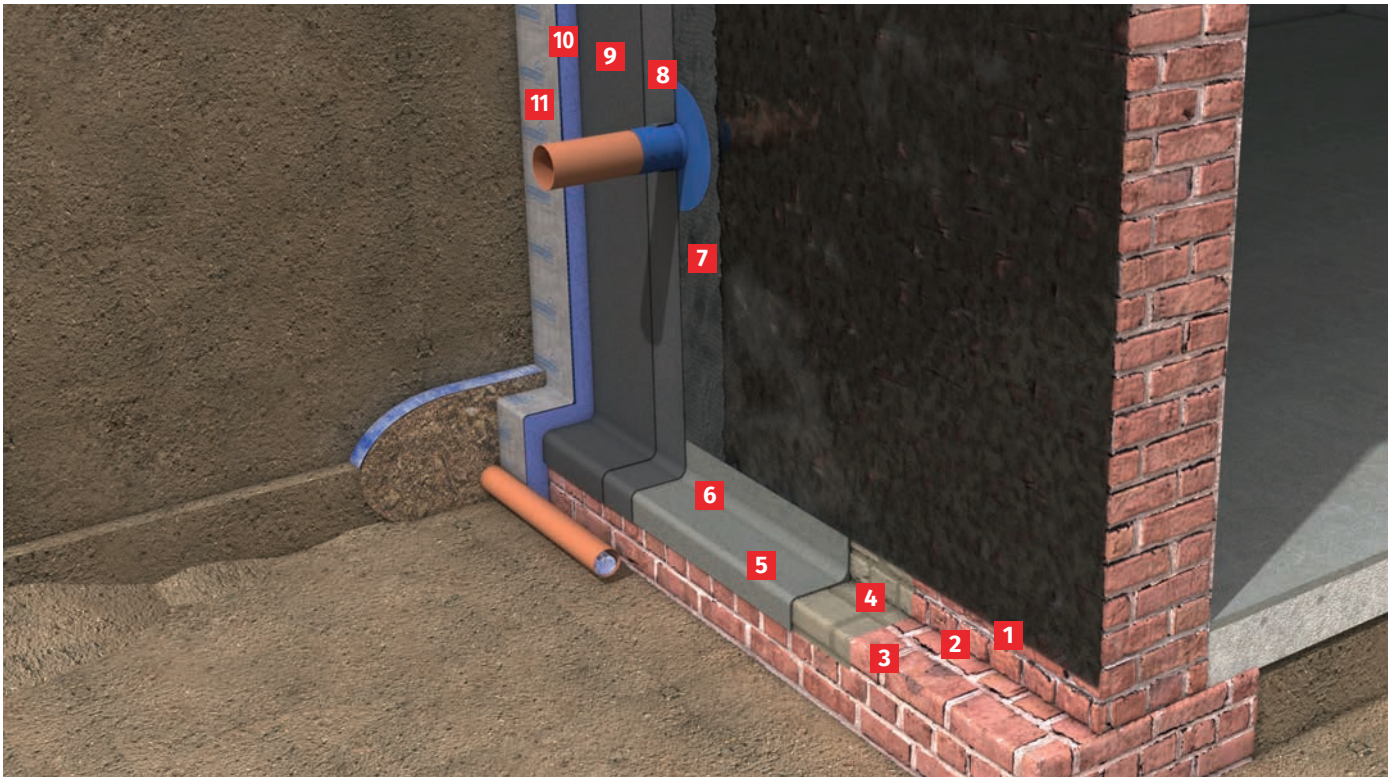
For more detailed information please refer to the current version of the technical data sheets.

Products:

1810	Kiesol
0430	WP Sulfatex
0426	WP DS Levell
3014	MB 2K

Accessories:

4349	Rohrflansch
0823	DS Protect
0819	DS Protect AL
0818	DS Protect Clip



1. Removal of old coatings
Remove old coatings in the highly burdened nadir area all-over down to the mineral substrate.

2. Preliminary work
Break the edge of the projecting foundation. Remove adhesive-reducing leftovers, also in the area of sticking old coatings.

3. Primer coat
Apply **Kiesol** (1:1 with water) evenly. Pre-wett highly absorbent substrates with water.

4. Bonding brige
Within the reaction time of **Kiesol**, apply a bonding bridge with **WP Sulfatex**.

5. Levelling layer
Level all unevennesses with **WP DS Levell** whilst the bonding bridge is still fresh.

6. Sealing cove
Whilst the bonding bridge is still fresh, insert the sealing cove with **WP DS Levell**.

7. Bonding bridge/Scratch coat
Apply the scratch coat with **MB 2K** on the old coatings.

8. First waterproofing layer
Apply the first waterproofing layer of **MB 2K** evenly.

9. Second waterproofing layer
As soon as the first waterproofing layer can no more be damaged, apply the second layer of **MB 2K**.

10. Thermal insulation
When the surface is dry, bond the thermal insulation all-over with **MB 2K**.

11. System protection and drainage
Install **DS Protect** at the height of the top ground surface.

Number	Designation	Container sizes	Consumption
1810	**Kiesol**	6 x 1 kg, 5 kg, 10 kg, 30 kg	approx. 0,1 – 0,3 kg/m² (diluted 1:1 with water)
0430	**WP Sulatex**	5 kg, 25 kg	approx. 1,6 kg/m²/mm layer thickness
0426	**WP DS Levell**	25 kg	approx. 1,7 kg/m²/mm layer thickness
3014	**MB 2K**	8,3 kg, 25 kg	at least 1,2 kg/m²/mm dry layer thickness
4349	**Rohrflansch**	ø < 87 mm	as required
4350		ø 87 - 110 mm	
4351		ø > 110 mm	
0823	**DS Protect**	2 m x 20 m = 40 m²	approx. 1,1 m²/m²
		2 m x 12,5 m = 25 m²	
0819	**DS Protect AL**	2 m	approx. 1 m/m
0818	**DS Protect Clip**	50 pieces	approx. 4 pieces/m

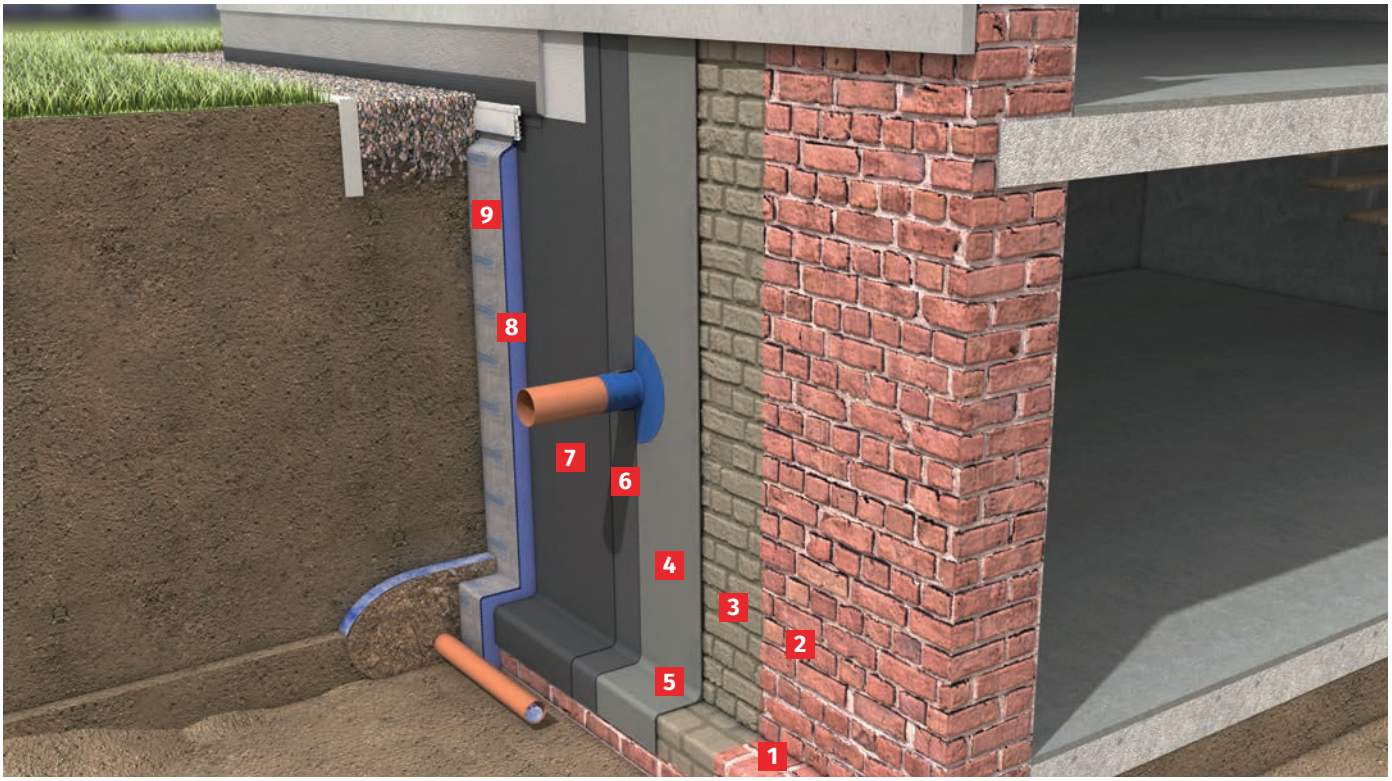
For more detailed information please refer to the current version of the technical data sheets.

Products:

1810	Kiesol
0430	WP Sulfatex
0426	WP DS Levell
3014	MB 2K

Accessories:

4349	Rohrflansch
0823	DS Protect
0819	DS Protect AL
0818	DS Protect Clip



1. Preliminary work
Break the edge of the projecting foundation. Remove adhesive-reducing leftovers, also in the area of sticking old coatings.

2. Primer coat
Apply **Kiesol** (1:1 with water) evenly. Pre-wett highly absorbent substrates with water.

3. Bonding brige
Within the reaction time of **Kiesol**, apply a bonding bridge with **WP Sulfatex**.

4. Levelling layer
Level all unevennesses with **WP DS Levell** whilst the bonding bridge is still fresh.

5. Sealing cove
Whilst the bonding bridge is still fresh, insert the sealing cove with **WP DS Levell**.

6. First waterproofing layer
Apply the first waterproofing layer of **MB 2K** evenly.

7. Second waterproofing layer
As soon as the first waterproofing layer can no more be damaged, apply the second layer of **MB 2K**.

8. Thermal insulation
When the surface is dry, bond the thermal insulation all-over with **MB 2K**.

9. System protection and drainage
Install **DS Protect** at the height of the top ground surface.

Number	Designation	Container sizes	Consumption
1810	**Kiesol**	6 x 1 kg, 5 kg, 10 kg, 30 kg	approx. 0,1 – 0,3 kg/m² (diluted 1:1 with water)
0430	**WP Sulfatex**	5 kg, 25 kg	approx. 1,6 kg/m²/mm layer thickness
0426	**WP DS Levell**	25 kg	approx. 1,7 kg/m²/mm layer thickness
3014	**MB 2K**	8,3 kg	at least 1,2 kg/m²/mm dry layer thickness
		25 kg	
4349	**Rohrflansch**	ø < 87 mm	as required
4350		ø 87 - 110 mm	
4351		ø > 110 mm	
0823	**DS Protect**	2 m x 20 m = 40 m²	approx. 1,1 m²/m²
		2 m x 12,5 m = 25 m²	
0819	**DS Protect AL**	2 m	approx. 1 m/m
0818	**DS Protect Clip**	50 pieces	approx. 4 pieces/m

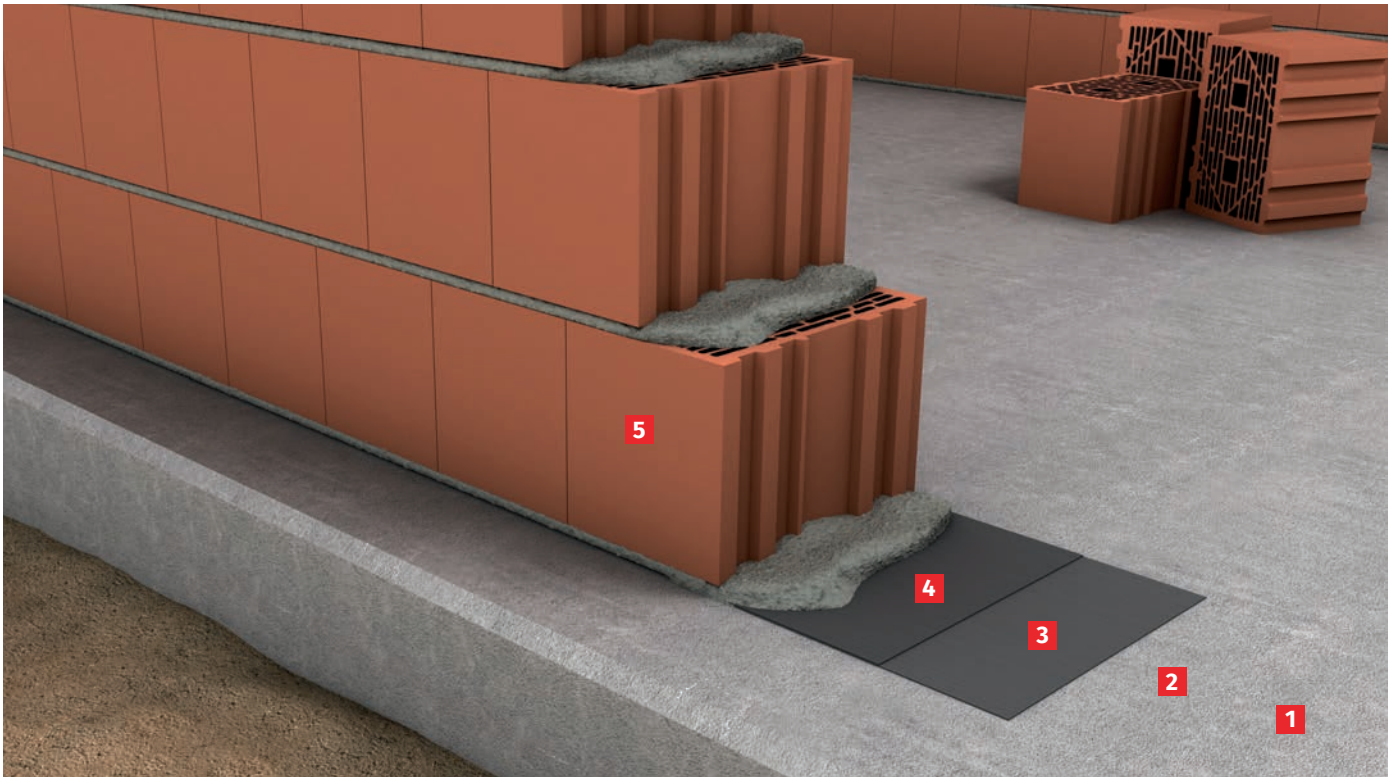
For more detailed information please refer to the current version of the technical data sheets.

Waterproofing of new construction

Subsequent waterproofing of buildings

Products:

3008 Kiesol MB
3014 MB 2K



1. Preliminary work
Remove adhesion-reducing components with steel broom or grinding machine.

2. Priming
Apply **Kiesol MB** evenly. Pre-wet highly absorbent substrates with water.

3. First waterproofing layer
Apply the first waterproofing layer of **MB 2K** evenly by slurry method. On the inside the sealing should be done with approx. 50 mm of supernatant.

4. Second waterproofing layer
As soon as the first waterproofing layer can no more be damaged, apply the second layer of **MB 2K**.

5. Masonry layer
Wall up the masonry after sufficient drying of the waterproofing.

Number	Designation	Container sizes	Consumption
3008	**Kiesol MB**	5 l, 30 l	approx. 100 – 200 ml/m²
3014	**MB 2K**	8,3 kg, 25 kg	at least 1,2 kg/m²/mm dry layer thickness

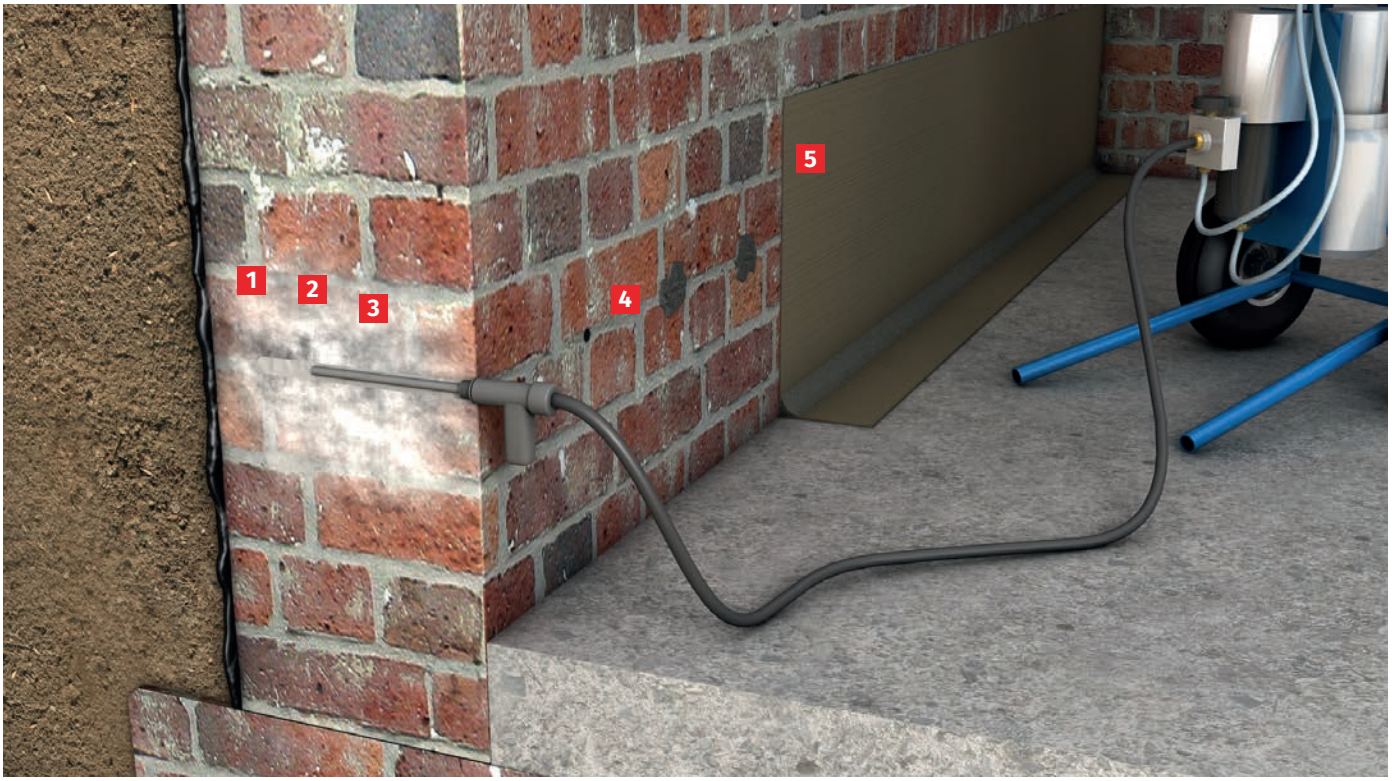
For more detailed information please refer to the current version of the technical data sheets.

Products:

0727 Kiesol C
0426 WP DS Levell

Accessories:

4195 Injektionsset
or
4706 Dichtstoffpistole
4193 Injektionslanze



1. Drilling holes
Drill holes at a distance of 12 cm and with a diameter of 12 mm horizontally into the horizontal joint.

2. Cleaning the boreholes
Remove drilling dust from the holes by blowing out with oil-free air.

3. Injection of active substance
Insert **Kiesol C** into the drill hole using a sealant gun and injection lance or appropriate machine technology.

4. Closing the boreholes
After completion of the injection, close the borehole surface with **WP DS Levell**.

5. Flanking measures
Formation of a vertical waterproofing strip with the Kiesol system, att least 30 cm beyond the borehole level.

Number	Designation	Container sizes	Consumption
0727	**Kiesol C**	12 x 550 ml, 20 x 550 ml	Please refer to consumption table in technical data sheet.
		5 l, 10 l, 12,5 l	
0426	**WP DS Levell**	25 kg	approx. 1,7 kg/m²/mm layer thickness

For more detailed information please refer to the current version of the technical data sheets.

Waterproofing of new construction

Subsequent waterproofing of buildings

Products:

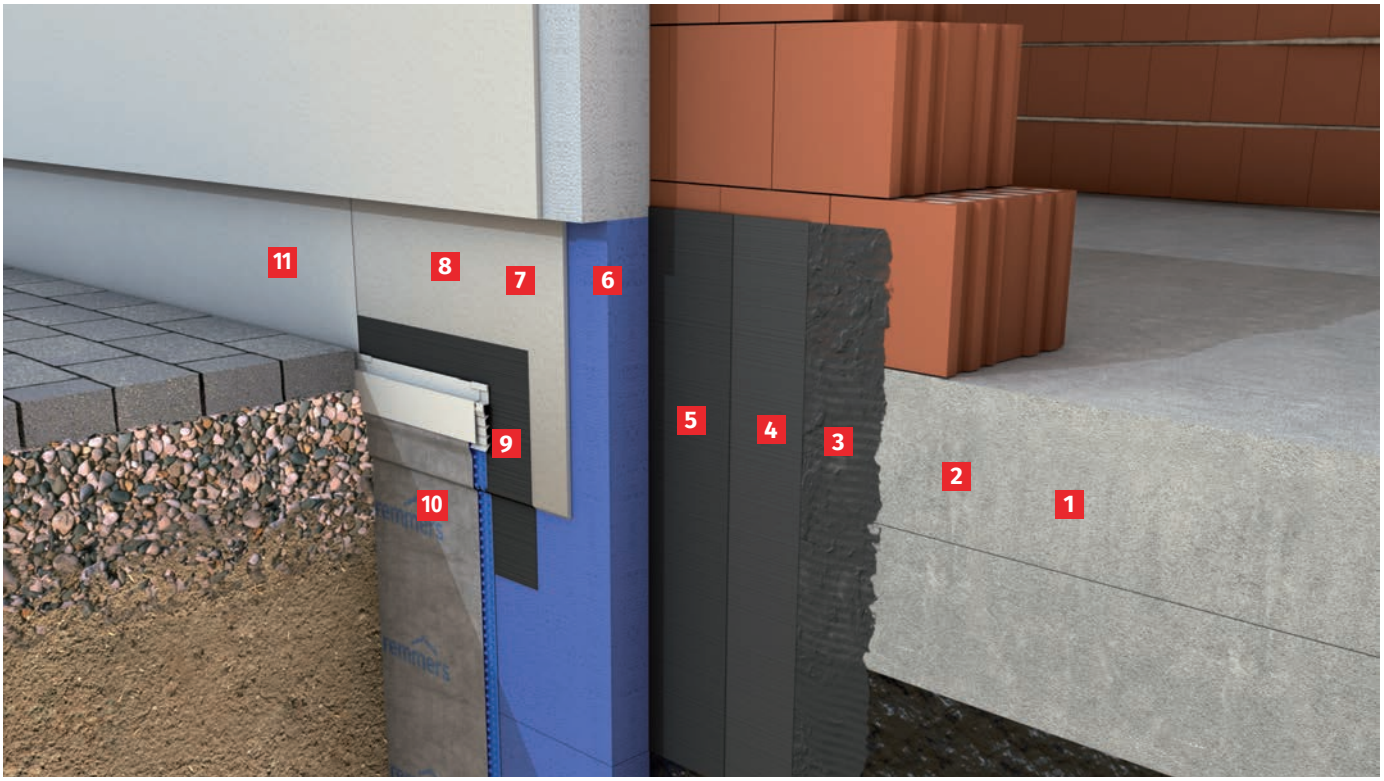
3008	Kiesol MB
3014	MB 2K
6500	Color PA

Optional:

0517	VM Fill
3380	Tex 4/10
0519	VM Fill rapid

Accessories:

0823	DS Protect
0819	DS Protect AL
0818	DS Protect Clip



1. Preliminary work
Remove adhesion-reducing leftovers.

2. Primer coat
Apply **Kiesol MB** evenly. Pre-wett highly absorbent substrates with water.

3. Scratch coat
Apply the scratch coat with **MB 2K** to the existing PMBC and the mineral substrate (overlap > 100 mm).

4. First waterproofing layer
Apply the first waterproofing layer of **MB 2K** evenly.

5. Second waterproofing layer
As soon as the first waterproofing layer can no more be damaged, apply the second layer of **MB 2K**.

6. Plinth insulation
Professional installation of the plinth insulation in the splash water area.

7. Reinforcement layer
Apply **VM Fill** to the thoroughly dried waterproofing and embed the reinforcement fabric **Tex 4/100**.

8. Surface plaster
Apply **VM Fill rapid** thinly onto the reinforcement layer and felt off afterwards. Optionally, an alternative plinth plaster system can be used for steps 7 and 8.

9. Plaster waterproofing
Seal the plinth plaster pore-occluding with **MB 2K**. Apply the waterproofing at least 50 mm above top ground surface.

10. System protection and drainage
Install **DS Protect** at the height of the top ground surface.

11. Surface finish
Paint plinth plaster as well as plaster waterproofing with **Color PA** in the desired shade.

Number	Designation	Container sizes	Consumption
3008	**Kiesol MB**	5 l, 30 l	approx. 100 – 200 ml/m²
3014	**MB 2K**	8,3 kg, 25 kg	at least 1,2 kg/m²/mm dry layer thickness
6500	**Color PA**	5 l, 12,5 l	approx. 200 ml/m²/painting
0517	**VM Fill**	25 kg	approx. 1,2 kg/m²/mm layer thickness
3880	**Tex 4/10**	50 m	approx. 1,1 m²/m²
0519	**VM Fill rapid**	25 kg	approx. 1,3 kg/m²/mm layer thickness
0823	**DS Protect**	2 m x 20 m = 40 m²	approx. 1,1 m²/m²
		2 m x 12,5 m = 25 m²	
0819	**DS Protect AL**	2 m	approx. 1 m/m
0818	**DS Protect Clip**	50 pieces	approx. 4 pieces/m

For more detailed information please refer to the current version of the technical data sheets.

Products:

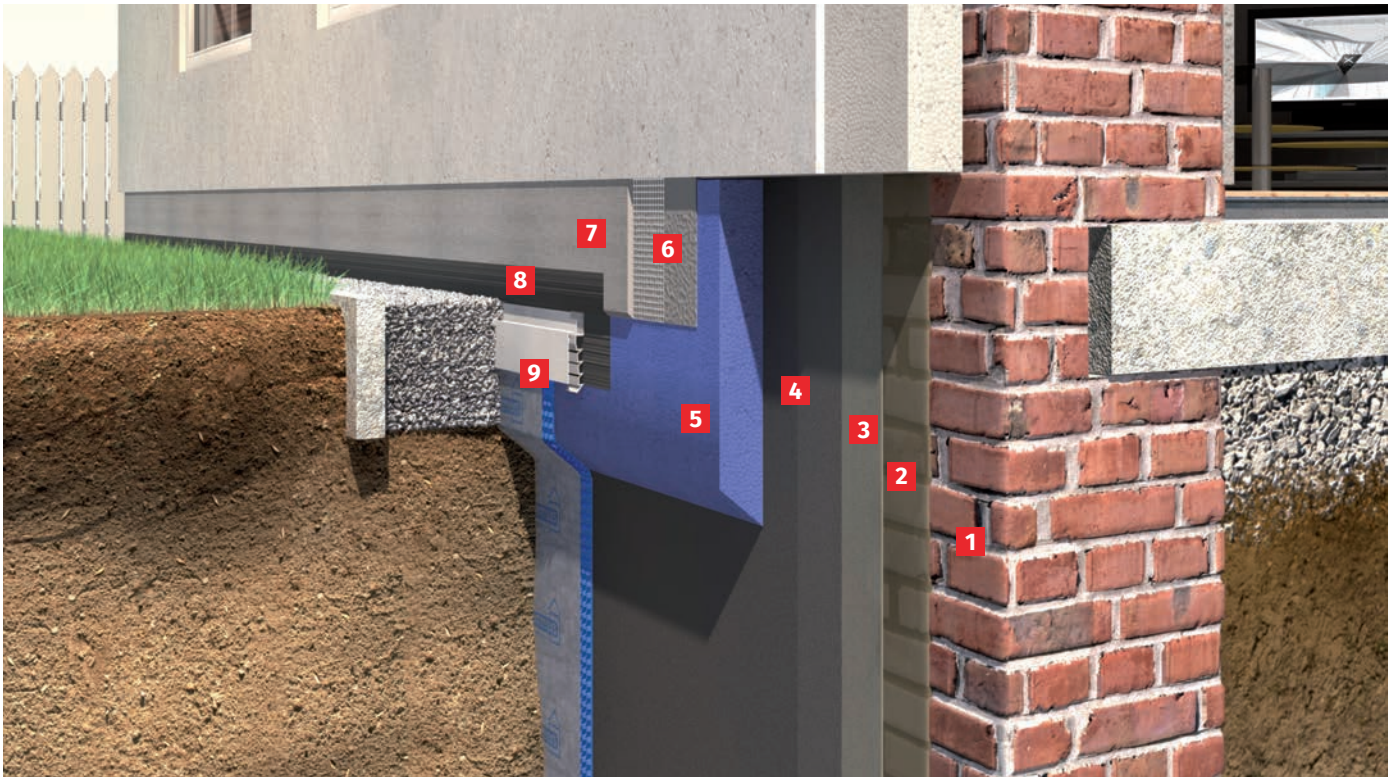
1810	Kiesol
0430	WP Sulfatex
0426	WP DS Levell
3014	MB 2K
6500	Color PA

Accessories:

4349	Rohrflansch
0823	DS Protect
0819	DS Protect AL
0818	DS Protect Clip

Optional:

0517	VM Fill
3380	Tex 4/10
0519	VM Fill rapid



1. Primer coat
Prime the prepared mineral substrate with **Kiesol** (1:1 with water) up to at least 30 cm above top ground surface.

2. Bonding brige
Within the reaction time of **Kiesol**, apply a bonding bridge with **WP Sulfatex**.

3. Levelling layer
Level all unevennesses with **WP DS Levell** whilst the bonding bridge is still fresh.

4. Plinth waterproofing
Apply the waterproofing with **MB 2K** in at least two layers.

5. Plinth insulation
Professional installation of the plinth insulation in the splash water area.

6. Reinforcement layer
Apply **VM Fill** to the thoroughly dried waterproofing and embed the reinforcement fabric **Tex 4/100**.

7. Surface plaster
Apply **VM Fill rapid** thinly onto the reinforcement layer and felt off afterwards. Optionally, an alternative plinth plaster system can be used for steps 6 and 7.

8. Plaster waterproofing
Seal the plinth plaster pore-occluding with **MB 2K**. Apply the waterproofing at least 50 mm above top

9. System protection and drainage
Install **DS Protect** at the height of the top ground surface.

10. Surface finish
Paint plinth plaster as well as plaster waterproofing with **Color PA** in the desired shade.

Number	Designation	Container sizes	Consumption
1810	**Kiesol**	6 x 1 kg, 5 kg, 10 kg, 30 kg	approx. 0,1 – 0,3 kg/m² (diluted 1:1 with water)
0430	**WP Sulfatex**	5 kg, 25 kg	approx. 1,6 kg/m²/mm layer thickness
0426	**WP DS Levell**	25 kg	approx. 1,7 kg/m²/mm layer thickness
3014	**MB 2K**	8,3 kg, 25 kg	at least 1,2 kg/m²/mm dry layer thickness
6500	**Color PA**	5 l, 12,5 l	approx. 200 ml/m²/painting
0823	**DS Protect**	2 m x 20 m = 40 m²	approx. 1,1 m²/m²
		2 m x 12,5 m = 25 m²	
0819	**DS Protect AL**	2 m	approx. 1 m/m
0818	**DS Protect Clip**	50 pieces	approx. 4 pieces/m

For more detailed information please refer to the current version of the technical data sheets.

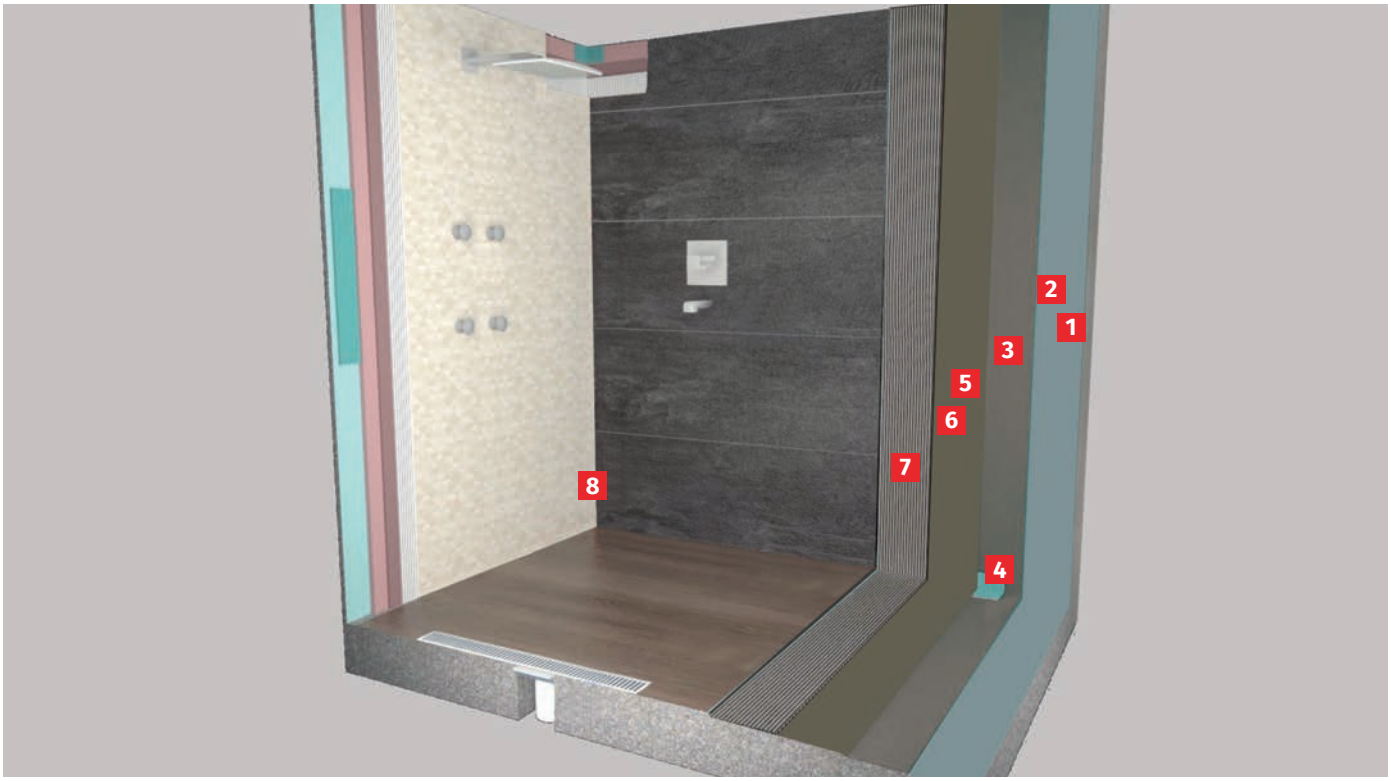
Waterproofing of wet rooms

Products:

1810	Kiesol MB
0426	WP DS Levell
3014	MB 2K
5071	Tape VF

Optional:

2819	FL Fix
2891	Flexfuge



1. Levelling layer
Close unevennesses and defects > 5 mm with **WP DS Levell**. Pre-wet highly absorbent substrates with water.

2. Primer coat
Apply **Kiesol MB** evenly. Pre-wet highly absorbent substrates with water. Leave out the leveled areas.

3. Scratch Coat
Apply the scratch coat with **MB 2K**.

4. Installation of Tape
After applying **MB 2K** in all vertical and horizontal corners of the area to be waterproofed, embed **Tape VF** whilst the scratch coat is still fresh.

5. First waterproofing layer
Apply the first waterproofing layer of **MB 2K** evenly.

6. Second waterproofing layer
As soon as the first waterproofing layer can no more be damaged, apply the second layer of **MB 2K**.

7. Bonding the tiles
After the waterproofing can no longer be damaged, apply tile adhesive **FL Fix** evenly with a toothed trowel and then attach the tiles.

8. Grouting the tiles
Fill the joints between the bonded tiles with **Flexfuge**.

Number	Designation	Container sizes	Consumption
0426	**WP DS Levell**	25 kg	approx. 1,7 kg/m²/mm layer thickness
3008	**Kiesol MB**	5 l, 30 l	approx. 100 – 200 ml/m²
3014	**MB 2K**	8,3 kg, 25 kg	at least 1,2 kg/m²/mm dry layer thickness
5071	**Tape VF**	10 m x 120 mm	as required
5072		50 m x 120 mm	
5073		Outside corner	
5074		Inside corner	
5077		120 mm x 120 mm	
2819	**FL Fix**	25 kg	approx. 1,1 kg/m²/mm layer thickness
			4 mm comb toothing, approx. 2,2 kg/m²
			8 mm comb toothing, approx. 4,4 kg/m²
2891	**Flexfuge**	5 kg, 25 kg	approx. 1,8 kg/m²/mm layer thickness

For more detailed information please refer to the current version of the technical data sheets.

Products:

1092 Betofix RM
0919 S-Protect M

Optional:

0642 Primer H
6500 Color PA

1. Removing loose components
Expose corroded reinforcement completely.

2. Derusting
Derust corroded reinforcement steels mechanically to degree of purity SA 2 ½.

3. Corrosion protection
Betofix RM, quenched and tempered with **S Protect M**, is used as a corrosion protection coating on derusted reinforcement steels. The breakout point can be closed as early as 30 minutes after painting.

4. Concrete replacement
Close the excavation without additional filling in one application with **Betofix RM**.

5. Primer coat
After three hours, prime the surface evenly with **Primer H**.

6. Coating
The surface can be painted with **Color PA** in the desired shade. It moreover serves as carbonation brake for old and replenished concrete and for water repellency. Steps 5 and 6 can be left out if no surface protection is required.

Number	Designation	Container sizes	Consumption
1092	**Betofix RM**	5 kg, 25 kg	approx. 1,2 kg/m²/mm layer thickness
0919	**S Protect M**	12 x 1 kg, 5 kg	for two-layer application: approx. 0,9 kg/m² steel surface
			along with 2,4 kg material
0642	**Primer H**	5 l, 30 l	approx. 0,2 – 0,4 l/m²
6500	**Color PA**	5 l, 12,5 l	approx. 200 ml/m²/painting

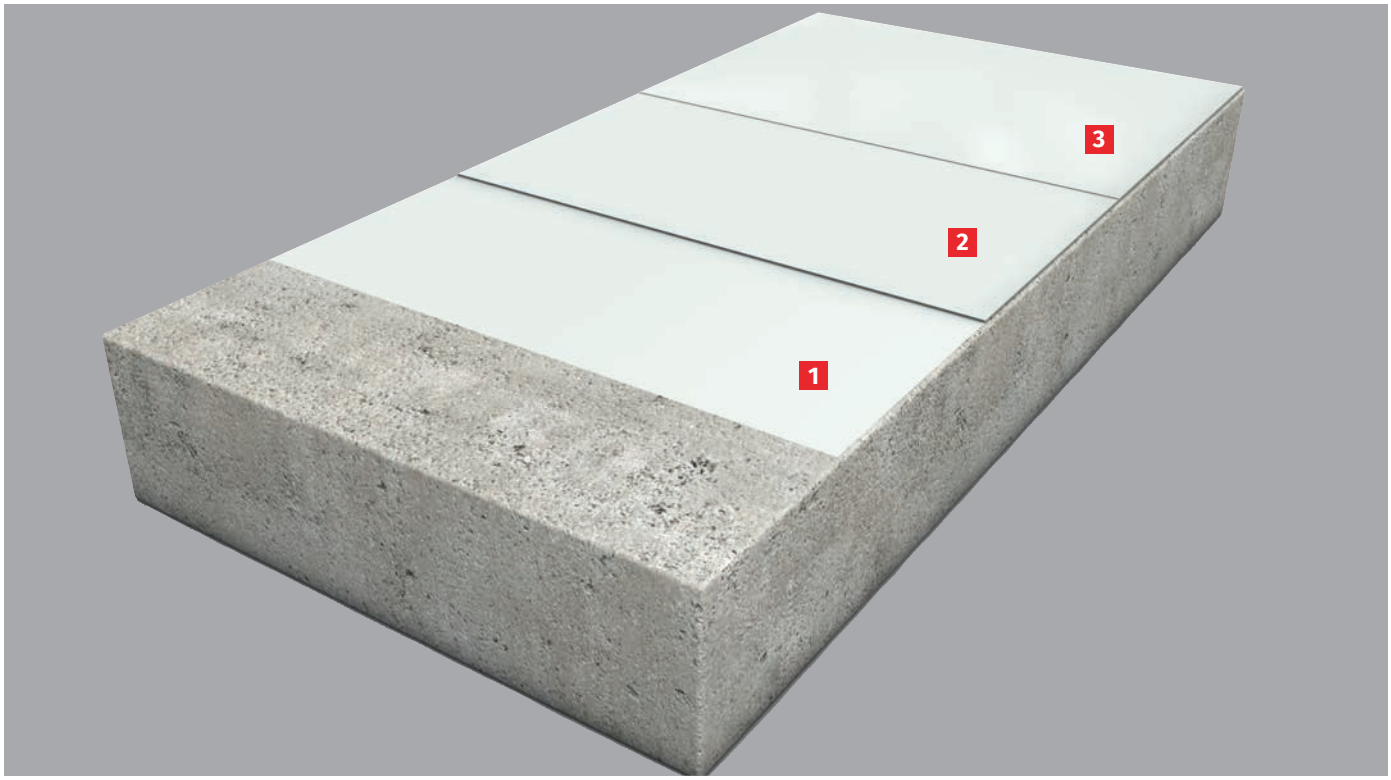
For more detailed information please refer to the current version of the technical data sheets.

Products:

6001	Epoxy BS 2000
6380	Epoxy BS 3000 SG
	or
6370	Epoxy BS 3000 M

Optional:

6271	Add 250



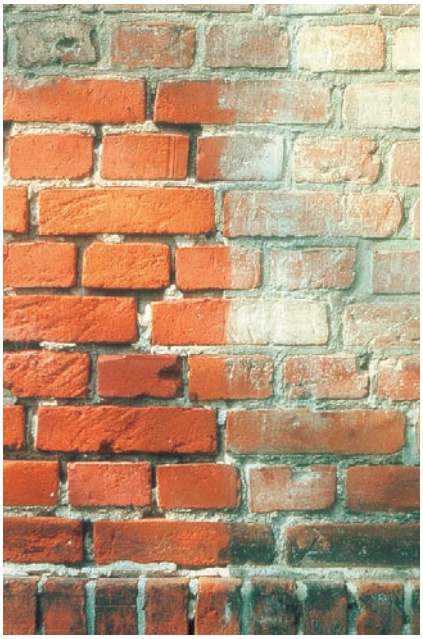
1. Primer coat
Apply the primer **Epoxy BS 2000** using an epoxy roller.

2. First sealer layer
Apply the first layer of sealer **Epoxy BS 3000 M/SG** using an epoxy roller. For anti-slip effect, add the granulate **Add 250** to the mixed sealer before application.

3. Second sealer layer
Apply the second layer of sealer **Epoxy BS 3000 M/SG** using an epoxy roller. For anti-slip effect, add the granulate **Add 250** to the mixed sealer before application.

Number	Designation	Container sizes	Consumption
6001	**Epoxy BS 2000**	1 kg, 5 kg, 10 kg, 25 kg	approx. 0,15 – 0,25 kg/m² binding agend
6380	**Epoxy BS 3000 SG**	1 kg, 5 kg, 10 kg, 25 kg	approx. 0,3 kg/m² binding agend
6370	**Epoxy BS 3000 M**	1 kg, 5 kg, 10 kg, 25 kg	approx. 0,3 kg/m² binding agend
6271	**Add 250**	0,25 kg	up to 0,05 kg/kg binding agend

For more detailed information please refer to the current version of the technical data sheets.



Facade cleaning

Facade painting

Facade impregnation

Products:

0675	Clean WR
0672	Clean AC [basic]
0671	Clean SL
0666	Clean FP
1368	AGE
0676	Grünbelag-Entferner
0673	BFA

Old coatings and graffiti

1. Preliminary work
Remove coarse soiling mechanically.
2. Cleaning
Apply **AGE** evenly using a suitable equipment. After sufficient exposure time, remove the old coating mechanically with a suitable tool. Repeat the process if necessary.
3. Subsequent work
After the application, the cleaning agent is to be removed without residue.

Urban, dark, firmly adhering soiling

1. Preliminary work
Remove coarse soiling mechanically.
2. Cleaning
Apply **Clean FP** using a suitable equipment and work through it again with a root or scrubbing brush. After an exposure time of 2 – 5 minutes, wash intensively with plenty of water under pressure from bottom to top. Repeat the process if necessary.
3. Subsequent work
After the application, the cleaning agent is to be removed without residue.

Dust, oils and fats

1. Preliminary work
Remove coarse soiling mechanically. Pre-wet the surface to be cleaned with water.
2. Cleaning
Apply the diluted solution **Clean SL** (1:5 - 1:20 adapted to the intensity of the soiling) with a suitable equipment and work through it again with a root or scrubbing brush. Re-wash intensively and repeat the process if necessary.
3. Subsequent work
After the application, the cleaning agent is to be removed without residue.

Greenings

1. Preliminary work
Remove coarse soiling mechanically.
2. Cleaning
Apply **BFA** several times, if appropriate, using a suitable tool. After sufficient exposure time, re-wash the treated area and repeat the process if necessary.
3. Preventive protection against greening
Apply **BFA** several times, if necessary, without re-washing it subsequently. After a sufficient drying time the further treatment can take place.

Lime and cement haze

1. Preliminary work
Remove coarse soiling mechanically. Pre-wet the surface to be cleaned with water.
2. Cleaning
Apply the diluted solution **Clean AC** (1:4 - 1:20 adapted to the intensity of the soiling) with a suitable equipment and clean the surface with a root or scrubbing brush. Re-wash intensively and repeat the process if necessary.
3. Subsequent work
After the application, the cleaning agent is to be removed without residue.

Number	Designation	Container sizes	Consumption
0675	**Clean WR**	5 kg	approx. 0,3 – 0,5 l/m²
0672	**Clean AC [basic]**	1 kg, 5 kg, 10 kg	approx. 0,05 – 0,1 kg/m²
0671	**Clean SL**	5 kg	approx. 0,01 – 0,05 l/m²
0666	**Clean FP**	1 kg, 5 kg, 30 kg	at least 0,1 kg/m²
1368	**AGE**	0,75 l, 5 l, 25 l	approx. 0,3 – 0,5 l/m²
0676	**Grünbelag-Entferner**	1 l, 2,5 l	approx. 10 ml/m² (mixing ratio 1:10)
0673	**BFA**	5 l, 30 l	at least 0,2 l/m²

For more detailed information please refer to the current version of the technical data sheets.

Products:

0642	Primer H
	or
6438	Primer HF
6415	Color SF

1. Primer coat

Prime stable, mineral substrates with **Primer H**. Sandy, firmly adhering substrates should be pretreated with **Primer HF** or **Primer Hydro HF**.

2. Coloured coating

Paint the primed plaster facade with **Color LA** or **Color SF** in the desired shade. After at least six hours, a second painting is to be applied.

Number	Designation	Container sizes	Consumption
0642	**Primer H**	5 l, 30 l	approx. 0,2 – 0,4 l/m²
6438	**Primer HF**	5 l, 30 l	approx. 0,1 – 0,2 l/m²
0725	**Primer Hydro HF**	5 l, 30 l	approx. 0,1 – 0,2 l/m²
6415	**Color SF**	5 l, 12,5 l	approx. 0,2 – 0,3 l/m² per application
6400	**Color LA**	5 l, 12,5 l	approx. 0,2 – 0,25 l/m² per application

For more detailed information please refer to the current version of the technical data sheets.

Products:

0711 Funcosil FC
or
0604 Funcosil SN

Optional:

1065 FM SAN

Accessories:

4913 Farbrolle FC

Ordinary absorbent substrates

Highly absorbent substrates

1. Pretreatment of the facade
If soiling is present on the facade, it must be removed by suitable cleaning measures. Any damage to the facade should also be repaired.

2. Joint removal
Scrape out damaged joints to a depth of 2 cm. Clean and prewet the opened space.

3. Grouting
Rebuild the joint with **FM SAN** in desired shade in two layers and rework with profiling tool. Wait for 24 hours before continuing the procedure. Steps 2 and 3 can be left out if no damage to joints can be noticed.

4. Impregnation
Apply the creamy, hydrophobic **Funcosil FC** impregnation with Farbrolle FC or other suitable equipment crosswise.

1. Pretreatment of the facade
If soiling is present on the facade, it must be removed by suitable cleaning measures. Any damage to the facade should also be repaired.

2. Joint removal
Scrape out damaged joints to a depth of 2 cm. Clean and prewet the opened space.

3. Grouting
Rebuild the joint with **FM SAN** in desired shade in two layers and rework with profiling tool. Wait for 24 hours before continuing the procedure. Steps 2 and 3 can be left out if no damage to joints can be noticed.

3. Impregnation
Apply the liquid, hydrophobic impregnation **Funcosil SN** without pressure in the flooding process. Repeat the process at least twice wet in damp until no further absorption of the impregnating agent can be detected.

Number	Designation	Container sizes	Consumption
1065	**FM SAN**	30 kg	approx. 1,6 kg/l joint space
0711	**Funcosil FC**	12 x 0,75 l, 5 l, 12,5 l	approx. 0,15 – 0,20 l/m² in one application, depending on the porosity. Please refer to consumption table in technical data sheet.
4913	**Farbrolle FC**	1 piece	
0604	**Funcosil SN**	5 l, 30 l	approx. 0,3 – 1,0 l/m² depending on the substrate Please refer to consumption table in technical data sheet.

For more detailed information please refer to the current version of the technical data sheets.