



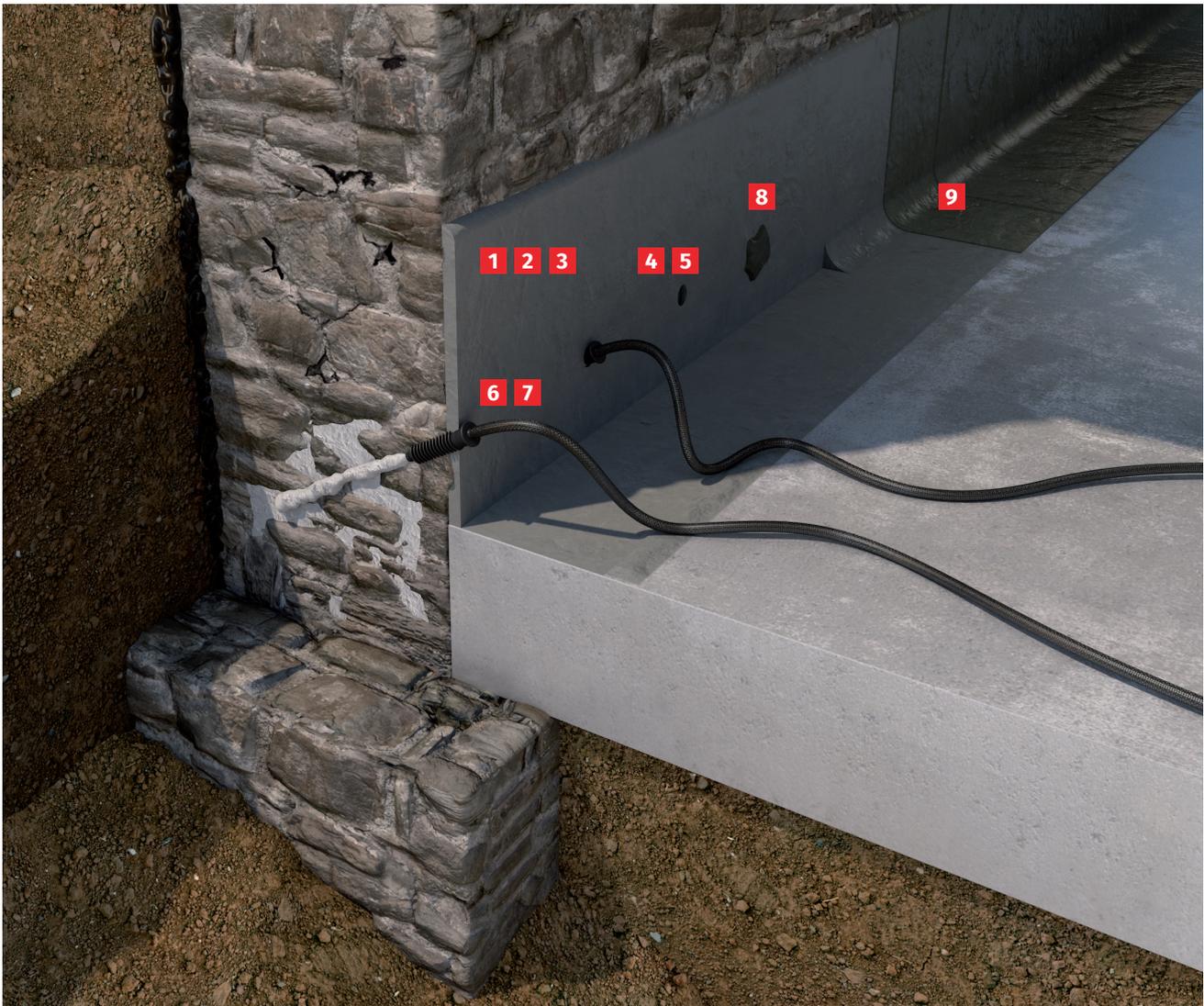
Application instructions: masonry injection for cross-section waterproofing

Advanced procedure with void filling

Masonry injection for cross-section waterproofing

Advanced procedure with void filling

| | Pressure injection, fast, water-repelling |
|---------------------|---|
| Insulation: | Kiesol |
| | WP Sulfatex |
| | WP DS Levell |
| Void filling: | BSP 3 / 6 |
| Injection material: | Kiesol iK |
| Drill hole sealer: | BSP 3 / 6 |



Application instructions: masonry injection for cross-section waterproofing

Advanced procedure with void filling



1 Primer

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

Application rate: approx. 0.1-0.3 kg/m²



2 Bonding layer

Within the reaction time of Kiesol, use a wide brush to apply the bonding layer of WP Sul-fatex.

Application rate: approx. 1.6 kg/m²/mm layer thickness



3 Levelling

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

Application rate: approx. 1.7 kg/m²/mm layer thickness



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 an angle of up to max. 45°.



5 Cleaning the drill holes

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



6 Void filling

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

Application rate: approx 1.2 kg/l void



7 Injecting the material

After a reaction time of 30 to 60 minutes, use suitable injectors and injection packers to inject the Kiesol iK concentrate (mixed with water in a ratio of 1:10).

Application rate: approx. 0.2 kg/m per 10 cm wall thickness



8 Sealing the drill holes

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

Application rate for BSP 3/6:

approx. 1.2 kg/l void

Application rate for WP DS Level:

approx. 1.7 kg/m²/mm



9 Supporting measures

If necessary, apply a sealing cove in accordance with WTA Code of Practice 4-6.

Use WP Sulfatex to create a vertical waterproofing strip if necessary. Apply to at least 30 cm above the injection level.



Products used:

Kiesol

Single-component, solvent-free, strengthening silicification concentrate



WP Sulfatex

Rigid mineral waterproofing slurry with high sulphate resistance



WP DS Levell

Waterproofing filler with high sulphate resistance



BSP 6

Flowable mineral filler and injection mortar



BSP 3

Flowable mineral filler and injection mortar



Kiesol iK

Water-dilutable siloxane concentrate

For more information on application of the products, visit www.remmers.com

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