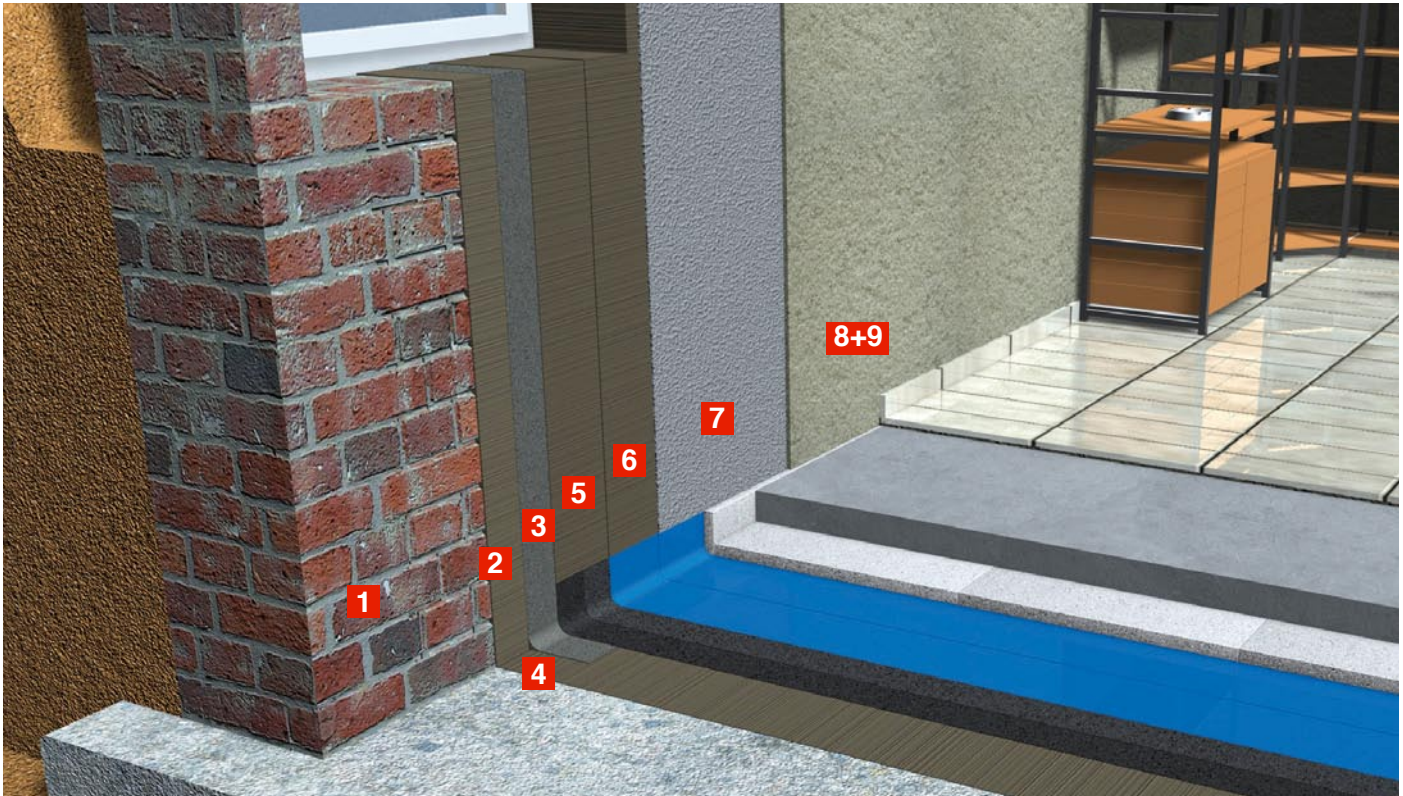


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# Internal Waterproofing and Tanking



## Outline Remmers System Specification

### Cleaning and Preparation

- All existing damaged render, plaster and old coatings together with any loose or friable particles must be removed.
- In refurbishment work the internal renders, plasters and finishes should be removed to at least 80cm above the water damaged areas.
- Masonry joints that have deteriorated or been damaged by expansive salts must be raked out to twice their width (minimum 20mm).
- The overall substrate should be mechanically prepared to give a clean and roughened profile by use of equipment such as the Rotec System.

### Substrate Priming

- The surface is uniformly primed with Remmers Kiesol by brush or low pressure spray.

### Bond Coat and Waterproof Filling and Coving

- Within the 15-30 minutes open time of the Remmers Kiesol primer, the Remmers Sulfatex Grout bond coat is applied.
- Apply Remmers Waterproofing Filler 'wet on wet' to the bond coat to level uneven areas, fill surface defects and fill any raked out masonry joints, then form a coved fillet at the base.

### Waterproofing Top Coat(s)

- When the levelling filler and the first bond coat has dried sufficiently, apply the second coat of Remmers Sulfatex Grout by slurry brush.
- If additional coats of Remmers Sulfatex Grout are required due to the exposure conditions, they should be detailed in the project specifications and applied in the same way 'wet on wet'.

### Finishes

- Once the waterproofing system has dried the Remmers finishes or standard decorative finishes can be applied including Remmers Restoration Render, Fine Render and Remmers Bioni Hygienic, mould resistant paint.

## Internal Waterproofing and Tanking System and Application Overview



### 1 Priming with Remmers Kiesol

Low pressure spray apply Remmers Kiesol impregnating primer working from the top down. Highly absorbent substrates should be pre-dampened first.



### 2 Bond Coat with Remmers Sulfatex Grout

Within the Remmers Kiesol open time, the Remmers Sulfatex Grout bond coat is applied by brush.



### 3 Levelling with Remmers Waterproofing Filler

The Remmers Waterproofing Filler is trowel applied directly on the 'wet' bond coat, where required.



### 4 Sealing Cove with Remmers Waterproofing Filler

The sealing cove is formed with the Remmers Waterproofing Filler, using a special coving trowel.



### 5 The First Waterproofing Layer with Remmers Sulfatex Grout

The first layer of waterproofing slurry is applied on the bond coat and levelling/coving layers.



### 6 The Second Waterproofing Layer with the Sulfatex Grout

The second layer of slurry is applied on the first layer 'wet on wet'. Additional layers if required for the exposure conditions are applied in the same way 'wet on wet'.



### 7 Applying the Remmers 'Spritz' Bond Coat

The Remmers 'Spritz' Bond Coat is sprayed over the entire surface of the slurry, once it has initially stiffened.



### 8 Remmers Restoration Render Application

The Remmers Restoration Render is applied to level and restore the surfaces after 24 to 48 hours. ('Old White' colour).



### 9 Restoration Render Finishing

After its initial set, the Restoration Render must be 'finished' by rubbing over with a float and a little water or fine 'scratching' ready for covering with a suitable finishing material such as Remmers Fine Render and Bioni Hygienic, anti-mould paint.

**Important Note:** All materials must be applied fully in accordance with the latest edition of the relevant products technical data sheet, all of which are available at [www.remmers.co.uk](http://www.remmers.co.uk)