



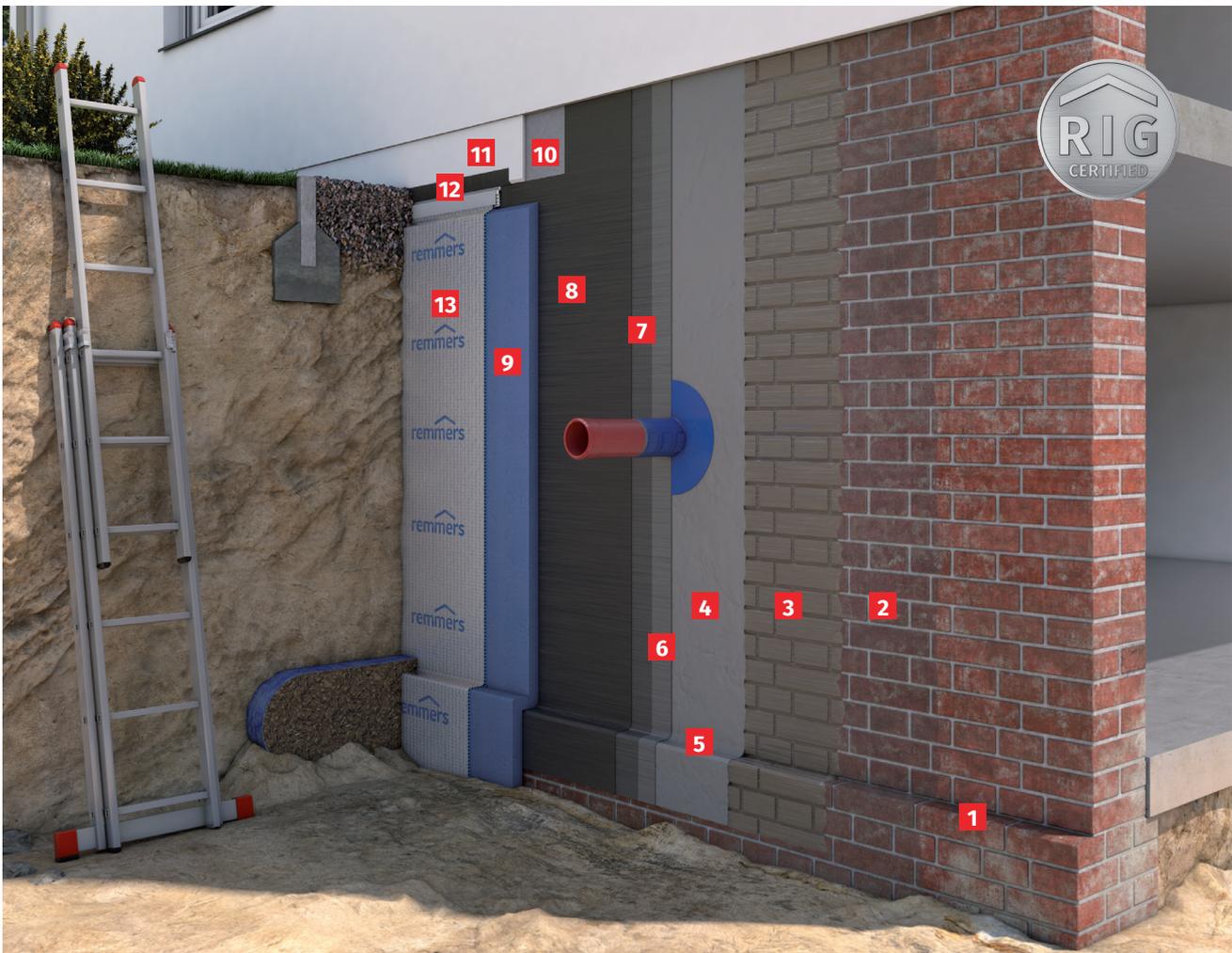
# Application instructions for subsequent exterior waterproofing of basements

Subsequent exterior waterproofing on mineral substrates

# Subsequent exterior waterproofing of basements

## Without old bitumen

Base waterproofing	
Primer:	Kiesol MB
Contact layer:	WP Sulfatex
Levelling/sealing cover:	WP DS Levell
General waterproofing	
Surface preparation:	Kiesol MB WP Sulfatex WP DS Levell
Contact layer:	MB 2K
Waterproofing (2 layers):	MB 2K
Protective layer:	DS Protect



# Application instructions for subsequent exterior waterproofing of basements

## Subsequent exterior waterproofing on mineral substrates



### **1 Preparation for moisture penetration protection**

Break off the edge of the projecting foundation.

Remove the sintered layer from the concrete foundation, break off the edge and remove any components that could impair adhesion.



### **2 Primer**

Apply an even layer of Kiesol MB.

Application rate: approx. 0.1 kg/m<sup>2</sup>



### **3 Bonding layer**

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

Application rate: approx. 1.6 kg/m<sup>2</sup>



#### 4 Levelling

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

Application rate: approx. 1.7 kg/m<sup>2</sup>



#### 5 Sealing cove

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

Application rate: approx. 1.7 kg/m<sup>2</sup>



#### 6 Bonding layer/scratch coat

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

Application rate: approx. 0.5 kg/m<sup>2</sup>



#### 7 First waterproofing layer

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

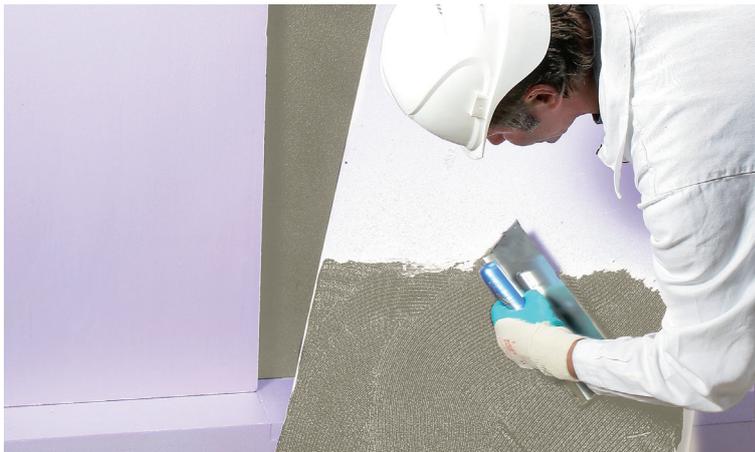
Application rate: approx. 1.1 kg/m<sup>2</sup> per mm dry layer thickness



#### **8 Second waterproofing layer**

As soon as the first layer is dry enough that it can no longer be damaged, apply the second layer of MB 2K.

Application rate: approx. 1.1 kg/m<sup>2</sup> per mm dry layer thickness



#### **9 Heat insulation**

Once the material is sufficiently dry, bond the heat insulation to the waterproofing over its entire surface area using MB 2K\*.

Application rate: approx. 1.5-3.0 kg/m<sup>2</sup>

\* Alternatively, use Remmers 2K bitumen to affix the heat insulation.



#### **10 Rough casting/ground course render**

Scatter SP Prep onto another contact layer of MB 2K while it is still wet as a bonding layer for SP Top SR.

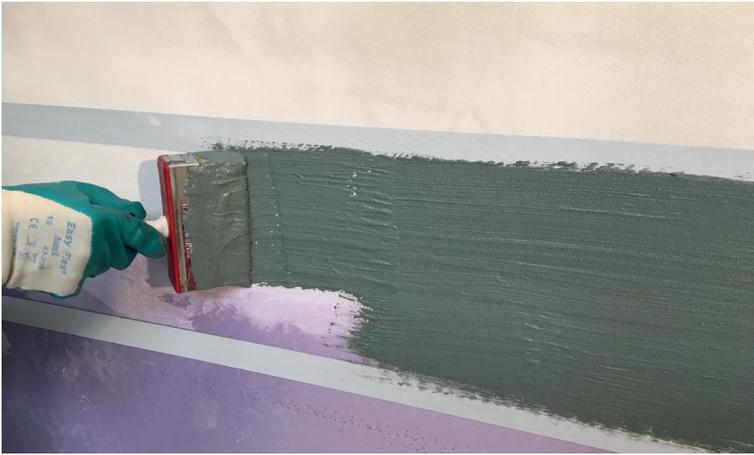
Application rate: full coverage approx. 4.0-6.0 kg/m<sup>2</sup>



#### **11 Ground course render**

Apply SP Top SR after 24 to 48 hours.

Application rate: approx. 10.5 kg/m<sup>2</sup>/cm layer thickness



### 12 Render waterproofing

Seal off the render waterproofing with MB 2K so that the pores are closed. Apply the waterproofing to at least 5 cm above ground level.

Application rate: approx. 1.1 kg/m<sup>2</sup>/mm dry layer thickness



### 13 Protecting the waterproofing

Install DS Protect up to ground level.

Application rate: approx. 1.1 m<sup>2</sup>/m<sup>2</sup>



#### Products used:

**Kiesol MB**  
Special primer



#### **WP Sulfatex**

Rigid mineral waterproofing slurry with high sulphate resistance



### **WP DS Levell**

Waterproofing filler with high sulphate resistance



### **MB 2K**

Multi-functional building waterproofing product. Unites the properties of flexible, crack-bridging mineral waterproofing slurries (MWS) (AbP certificate according to PG-MDS/FPD) and bituminous thick coatings (PMBC) (U report according to DIN EN 15814)

For more information on application of the products, visit [www.remmers.com](http://www.remmers.com)

**Remmers GmbH**

Bernhard-Remmers-Straße 13

D-49624 Lönigen

Tel.: +49 (0) 54 32/83-0

[www.remmers.com](http://www.remmers.com)

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