

Two-component elastic waterproofing mortar**Application**

- Used to waterproof structures, seals off cracks
- Used to waterproof walls after rising damp injection
- For both walls and floors, at positive water pressure

Properties

- Fast drying.
- Flexible.
- Lightly workable.
- Can be finished with plaster or cement.

Directions**General guidelines for waterproofing underground structures**

- The structure must be able to withstand the hydrostatic pressure of the water table.
- The ground and water table should be checked for the presence of any aggressive products detrimental to the preservation of these underground structures and the waterproofing layers. If this is the case, special precautions must be taken.
- Before applying any sealant, the soil should be dewatered if necessary. You should also ensure there is no risk of land-slip.
- The waterproof mortar must be applied up to at least 50 cm above the presumed highest level of the groundwater.
- The waterproof mortar should only be applied to a stable, clean and healthy substrate that is sufficiently porous and suitable for coating.

Preparation

- In case of masonry, any bad joints should first be removed.
- Remove all existing plaster, cement or paint layers down to the bare, healthy, porous substrate.
- Remove any efflorescing salts from the substrate with a dry brush.
- Areas where joints were removed and where the masonry or other substrate shows cavities, exposed aggregate or stable cracks, need to first be filled in and levelled out using Cemsec.

Work method

- Moisten the porous substrate well, preferably using a water hose.
- Thoroughly mix component B (liquid). Pour component B (liquid) into a mixing tub and add component A (powder).
- Mix in a concrete mixer, with an electric stirrer or in a mixing tub with a mechanical mixer (speed below 800 rpm) for about 3 minutes.
- Allow the mixed product to rest before mixing it again for 1 minute.
- Apply the **Flexseal 2K** with a brush, block brush or roller.
- If the product is still too stiff, add up to 10% water and stir thoroughly.
- Process the material within 45 minutes. Do not add more water once the product begins to stiffen in the mixing tub.
- Depending on the conditions, allow to set for 1 to 3 hours.

- Apply a second or possibly third layer with a total layer thickness of max 5 mm. The required layer thickness depends on the expected water load.
- To obtain a complete water and salt seal, the mortar needs to form a completely closed 'film'.

General application information and details

Weather conditions

- The interior and exterior temperatures should be higher than 0°C when applying the product and in the days following application.
- If the surfaces are exposed to driving rain, strong sunshine or drying winds, cover the fresh mortar with waterproof sheets.

Technical characteristics

Appearance	powder + liquid
Type of raw materials	polymer cement fire-dried quartz sand quartz powder
Colour	grey
Density	+/- 1,2
Processing time	45 minutes
Rainproof	after 4 hours
Temperature resistance	-20°C - +80°C (after complete curing)

Mixing ratio

Component A	10 kg
Component B	10 kg

Quantity to use

+/- 2,5 kg/m² at a dry layer thickness of 2 mm (a dry layer thickness of 2 to 3 mm is recommended)

Packaging

Sets of 20 kg

Safety information – Transport – Handling and storage - Waste

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

Transport and storage

Store the product and its packaging dry and protect against moisture.

Storage life

1 year after manufacturing in the original closed packaging.

Considerations

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.