



ombran IW

Superfast-curing mortar for surface-sealing of laminary infiltration

Product Properties

- Cement-bound, one-component
- Expanding during the curing process when exposed to water (swelling effect)
- Does not contain any substances that promote corrosion
- Very good adhesion on mineral substrates

Areas of Application

- Rapid and permanent sealing of large-scale leakage and water inleakage
- Suitable on concrete and masonry
- REACh-assessed exposure scenarios: periodical inhalation, application, long-term water-contact

Application Advice

Substrate Preparation

See the data sheet „General Application Advice for manhole and sewer repair mortars“.

Application

Ombran IW is applied dry, by hand (protected by rubber gloves!) and thoroughly abraded into the substrate. If necessary repeat application.

If parts of the product are not completely reacted due to a deficit of water, those areas are to be moistened. This is absolutely necessary to protect subsequent mineral based coatings from abstrac-

tion of water caused by not hydrated particles of ombran IW.

General Information

Ombran IW is a mineral based product, therefore subsequently appearing cracks, settlements, deformations or movements can cause leakage.

Safety Advice

Observe the hazard notices and safety advice on the labels and safety data sheets.

GISCODE: ZP1

Technical Data for ombran IW

| Characteristic | Unit | Value* | Comments |
|------------------------|-----------------------|------------------------|---|
| Pot life | s | < 30 | at + 20 °C and 50 % rel. humidity |
| Application conditions | °C | + 5 to + 30 | air, substrate and material temperature |
| Coverage** | kg/m ² /mm | depending on substrate | dry mortar |

Product Characteristics for ombran IW

| | |
|------------------|---|
| Colour | grey |
| Form of Delivery | 10 kg drums |
| Cleaning Agent | water |
| Storage | If tightly sealed, the original packs can be stored for at least 6 months at temperatures between + 5 °C and + 25 °C in dry conditions. The same requirements apply to transport. |
| Pack Disposal | Packs must be emptied completely. |

* Unless otherwise stated, all technical data were determined at + 23 °C and 50 % relative air humidity.

**Quantities used depend in the object and on the roughness of the substrate as well as on the storage and working temperatures and the temperature of the substrate. We recommend carrying out experiments beforehand to determine object-specific quantities.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 09/14. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.