

# ombran IW

Superfast-curing mortar for surface-sealing of laminar 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 sealing of areal leakages and water infiltrations
- 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 (protective gloves must be worn) and thoroughly rubbed 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 removing 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. To achieve a durable sealing we recommend an application of a coating made of a mortar from the ombran MHP-family.

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

| Characteristic   | Unit                  | Value    | Comments  |
|--|-----------------------|----------|---|
| Working time   | seconds               | < 30     |   |
| Application conditions   | °C                    | ≥ 5 ≤ 30 | air, substrate and material temperatures  |
| Consumption  | kg/m <sup>2</sup> /mm |          | depending on substrate and application  |
| All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity. |                       |          |   |
| Colour shade   | grey                  |          |   |
| Storage  |                       |          | Can be stored in original sealed packages at temperatures between 5°C and 25°C in dry conditions for at least 6 months. |
| Equipment cleaning agent   | water                 |          |   |
| Packaging disposal   |                       |          | Make sure single-use containers are completely empty.   |
| Delivery form  | 10 kg tub(s)          |          |   |

### Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : ZP1

**Note:** The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300014386]