

# Oxal HSP

## Horizontal Barrier against capillary rising damp

### Product Properties

- Very good penetration capabilities, even into fine capillaries
- Capillary narrowing and hydrophobizing effect
- Solvent-free

### Areas of Application

- Subsequent horizontal barrier against capillary rising damp, installed using the injectionhole procedure
- Suitable for use in all mineral materials in interior and exterior areas

### Application Notes

#### Preparatory Inspections

Before injection it is necessary to determine the degree of moisture penetration and the salt-concentration in the substrate. Oxal HSP must only be used as sealant if the degree of moisture penetration is  $\leq 65\%$ . Test-drillings provide information about the condition of the structural element (e.g. existing voids, strength, etc.).

#### Substrate Preparation

Depending on the local conditions, injectionholes should be distributed over the area of the substrate in such a way that it allows a complete injection over the entire cross-section of the structural element.

Voids, gaps or open joints should be filled with Oxal BS-V, using the multi-step method or an analogous method

#### Flanking Measures

For the repair of damp- and salt-loaded substrates the use of the Oxal Restoration Render System is recommended.

Damages to the exterior sealing of the building should be sealed with the Nafuflex Sealing System.

#### Low Pressure Injection

Low pressure injection is done with injection packers. The material is injected with max. 10 bar into the prepared injectionholes (low-pressure injection). For reasons of quality control, it is recommended to document the material consumption for each injectionhole.

#### After-treatment

Leaking Oxal HSP must be washed off with a brush and water after finishing work. The wall should then be left alone for 2-3 weeks, to allow the moisture to escape. After injection the packers are removed and the injectionholes filled in with Oxal BS-V.

#### Further Information

Please observe the WTA-data sheet 4-4-96 "Brickwork-injections against capillary damp".



### Technical Data for Oxal HSP

Characteristic	Unit	Value	Comments
Coverage	kg/m	approx. 1.6-3.2	mixed material per 10 cm thickness of the wall
Processing Conditions	°C	≥ + 5	air- and substrate-temperature
Density	g/cm <sup>3</sup>	approx. 1.26	

### Product Characteristics for Oxal HSP

Basis	Solution from inorganic silicon compounds
Storage	Can be stored in unopened packs for at least 6 months. Protect from frost
Form of Delivery	30 kg canister 1 palette (16 canisters with 30 kg each) 230 kg barrel 1000 kg container
Disposal	Please empty the packs completely! For this, please refer to our “Disposal concept for emptied transportation-and sale-packaging”

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

**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 07/11. 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.