

# Emcephob HSC

(formerly Oxal HSC)



Injection cream for the creation of horizontal barriers in masonry

## PRODUCT PROPERTIES

- Hydrophobic cream based on silane as injection cream (masonry)
- Ready-to-use, aqueous, solvent-free, non-film forming
- High resistance to alkalis
- Optimized for a highly yielding, pressure less injection via horizontal boreholes
- Certified according to WTA

## AREAS OF APPLICATION

- Subsequent horizontal barrier against capillary rising damp, installed using the injection hole procedure for degrees of moisture penetration  $\leq 95$  % (without pressure)

## APPLICATION ADVICE

Emcephob HSC is suitable as horizontal barrier conducting a pressure less injection. It is effective against capillary rising damp in e.g. masonry.

**Substrate preparation:** Remove old plaster. Damaged joints need to be scratched 2 cm deep. Cavities or gaps need to be filled with Oxal VP IT flow preliminary. Open joints are filled with Oxal SPM, Nafufill RM 10 or Oxal PGP. The borehole scheme needs to be adjusted in a way that a complete injection incorporating the total cross-section of the respective building part can be ensured. Areas for injection are prepared with a mineral sealing slurry MC-Proof 101 HS 30 cm above the borehole level.

**Application:** Emcephob HSC is injected pressure less via horizontal boreholes located in the masonry joints (preferably bearing joints). A borehole diameter of 12 mm and a borehole distance of 10 - 12.5 cm are recommended. The borehole depth depends on the thickness of the masonry less 2 cm.

**Filling of boreholes:** For filling of the boreholes, easy pumps with injection lance (e.g. Oxal Easy Inject, Dittmann DMP 20 C/T) can be used. Through slow squeezing and simultaneous extraction, a complete filling of the boreholes can be achieved. Additionally, application with hand press is possible. The cream is self-distributing to the masonry and creating a horizontal barrier.

**After-treatment:** To prevent evaporation of active ingredients, boreholes need to be closed with Oxal SPM promptly after injection.

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm <sup>3</sup>	approx. 0.9	
Active ingredient content	mass %	approx. 80	
Application conditions	°C	≥ 5 ≤ 30	air and substrate temperatures
Consumption <sup>1)</sup>	g	approx. 100	

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

1) The consumption of approx. 100 grams is per 10 cm drill hole depth and metre of wall (drill hole distance 10 cm, drill hole diameter 12 mm).

form	liquid
equipment cleaning agent	water
delivery form	10 l tub
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs. Protect from frost.
packaging disposal	Make sure single-use containers are completely empty. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.
colour shade	white

**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. [2100004371]