

Oxal VSM

Mineral- bound spray coating to stabilise substrate and enhance bonding

Product Properties

- Mortar after DIN 18 550 MG P III
- Bonding between render and substrate
- Reduces absorbency of substrate
- Sulphate- resistance
- Low consumption
- Application by hand or with machine

Areas of Application

- Ensures bonding between substrate to quality render system
- Suitable for use on all mineral substrates in interior and exterior areas

Application Notes

Substrate Preparation

Removing of old plaster for at least 80 cm above the zone of adversity. Coatings, slurries, dust, dirt, bitumen, loose particles etcetera must be removed completely. The substrate must be load-bearing and free from bonding-reducing substances. Brick joints dependent upon salt load must be cleaned out to a depth of at least 2 cm. The brickwork must be cleaned thoroughly with a steel broom or with oil-free compressed air. Closing gaps and joints with Oxal PGP.

Dry or highly absorbent substrates must be pre-wetted sufficiently.

Mixing

The content of one Oxal VSM unit is poured into approx. 6.5 l of clean water and stirred with a slow- moving agitator until a lump- free, workable consistency has been achieved. Oxal VSM can be mixed manual or with commercial forced- action mixer or flow mixer. The mixing must take at least 5 minutes.

Application

Oxal VSM should be applied by hand or with machine by spraying, achieving a net-like coat of 50-70 % area.

The layer thickness of Oxal VSM can be at most 5 mm.

After-treatment

During the curing phase the fresh Oxal WP must be protected against rapid dehydrating (sun, wind, high temperatures).

Further Information

Partially cured mortar must not be made ductile again by adding water or fresh mortar!

Please observe the WTA-data sheet 2-2-91 "Repair rendering systems" and DIN 18 550.



Technical Data for Oxal VSM

Characteristic	Unit	Value	Comments
Coverage	kg/m ²	approx. 5	per 5 mm layer thickness
Mixing ratio	kg : l	25 : 6.5	Oxal VSM : water
Ready for overworking	hours	24	at 20 °C and 65 % relative humidity
Processing time	minutes	approx. 20	at 20 °C and 65 % relative humidity
Processing Conditions	°C	≥ + 5	air- and substrate-temperature store at > + 5 °C for at least 24 hours before use

Product Characteristics for Oxal VSM

Storage	Can be stored in original unopened packs for at least 6 months.
Form of Delivery	25 kg sack 1 palette (40 sacks with 25 kg each)
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 03/07. 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.