

PRODUCT PROPERTIES

- One-component
- Highly sulphate resistant
- High water vapour diffusion rate
- Increases the bond properties
- Easy handling and application
- Hand and spray application
- WTA-certified system product
- Strength analogue to mortar class CS IV according to EN 998 part 1

AREAS OF APPLICATION

- Suitable as bonding agent on all mineral substrates
- Suitable for highly salt-loaded interior and exterior areas

APPLICATION ADVICE

Substrate preparation: See leaflet “General Application Advice Oxal”.

Mixing: Oxal VSM WTA is added to the prepared water under constant stirring and mixed until homogeneous and lump-free. Forced action mixers or slowly rotating double mixers must be used for mixing. Mixing by hand and preparation of partial quantities is not permitted. Mixing takes at least 2 minutes.

Mixing ratios: Please see “Technical Data” table. For a 30 kg bag of Oxal VSM WTA approx. 5 litres of water are required. As with other cement-bound products the quantity of added water may vary.

Render build-up: See leaflet “General Application Advice Oxal”. Oxal VSM WTA is a pre-molded render and part of the Oxal restoration render system. Drying times must be observed. For detailed information on render build-up please request our special advice.

Application: See leaflet “General Application Advice Oxal”. Oxal VSM WTA can be applied by hand or using standard fine render feed pumps. Please request our special advice. Oxal VSM WTA is applied onto the substrate with an area coverage of 50 - 70 %, respectively casted wart-shaped. If the restoration render is applied as indoor plaster system for interior sealing, Oxal VSM WTA is, after sufficient drying time, applied with 100 %coverage onto the strewn sealing slurry. The maximum layer thickness is 5 mm.

Curing: Oxal VSM WTA must be prevented from drying out too rapidly and protected from direct sun and wind exposure.

General information: WTA leaflet E 2-9-04/D “Restoration render systems” and DIN 18550 are to be observed.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Maximum grain size	mm	4	
Mixing ratio	kg/l	30 : 5	powder component : water
Air void content of the fresh mortar	%	≥ 18	
Working time	minutes	approx. 60	at 20°C
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption	kg/m ²	approx. 3.5	50-70% is applied by spatter-dash-method
Overworkable after	hours	24	pre-spray plaster / top plaster coat
Colour shade	grey		
Delivery form	Sack goods @ 30 kg		
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.		
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.		



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. [2200008033]