

PRODUCT PROPERTIES

- One-component
- Highly sulphate resistant
- High water vapour diffusion rate
- High salt-storage capacity
- One-layer application up to 30 mm
- Hand and spray application
- WTA-certified system product
- Strength analogue to mortar class CS II according to EN 998 part 1

AREAS OF APPLICATION

- Suitable as pore-filling render on all mineral substrates
- Suitable for highly salt-loaded interior and exterior areas
- Jointing and levelling of flaws and unevenness

APPLICATION ADVICE

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

Mixing: Oxal PGP 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 ratio: Please see “Technical Data” table. For a 30 kg bag of Oxal PGP WTA approx. 8 to 8.5 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 PGP WTA is a pore-filling render (salt-storage 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 PGP WTA can be applied by hand or using standard fine render feed pumps including pan mixer. Please request our special advice.

Oxal PGP WTA may be applied in one or more layers. The layer thickness depends on salt contamination, but the total layer thickness must be at least 10 mm. The maximum layer thickness per work step is 30 mm.

Prior to application of an additional layer or a finishing coat, a drying time of at least 1 day per mm layer thickness must be observed (at 20 °C and 65 % relative humidity) in accordance with WTA leaflet.

Surface finish: For an increased bond the still fresh material must be finished horizontally using a toothed trowel with 6 - 8 mm toothing.

Curing: Oxal PGP 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	20 : 5.3 - 5.6	powder component : water
Air void content of the fresh mortar	%	≥ 20	
Working time	minutes	approx. 60	at 20° C
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption	kg/m ² /mm	approx. 1	
Layer thickness	mm	10	minimum total layer thickness
		30	maximum total layer thickness
Overworkable after	day(s)/mm	1	before each additional layer
		1	pore base plaster / top plaster coat
Total porosity (solid mortar)	Vol.-%	≥ 45	
Colour	grey		
Delivery form	25 kg bag		
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.		



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. [2300018332]