

Oxal WPw

Finishing coat in the Oxal restoration render system Hand- and machine-applied render

Product Properties

- One-component
- Highly sulphate resistant
- High water vapour diffusion rate
- High salt-storage capacity
- Hydrophobized
- Hand and spray application
- Resistant to moisture, weathering and frost

Areas of Application

- Suitable as hydrophobized finishing coat on all mineral substrates
- Suitable for highly salt-loaded interior and exterior areas
- Jointing and levelling of flaws and unevenness

Application

Substrate preparation

See leaflet "General Application Advice Oxal".

Mixing

Oxal WPw 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 3 minutes.

Mixing ratio

Please see "Technical Data" table. For a 20 kg bag of Oxal WPw approx. 4.5 to 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 WPw is a finishing coat 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 WPw can be applied by hand or using standard fine render feed pumps including pan mixer. Please request our special advice.

Oxal WPw is applied in one layer. The layer thickness depends on the render build-up. Please see "Technical Data" table. The maximum layer thickness is 20 mm.

Surface finish

The surface is finally finished in its own juice, without addition of extra water, using a foam rubber, felt or hard wood float.

Prior to application of a final rendering, 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.

Curing

Oxal WPw 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 Data for Oxal WPw

Characteristic	Unit	Value*	Comments
Largest grain size	mm	1.0	
Coverage	kg/m ² /mm	approx. 1.0	
Application time	minutes	approx. 30	at + 20 °C
Overcoating time (acc. to WTA leaflet)	day/mm	1	finishing coat / final rendering (at + 20 °C)
Air void content of the fresh mortar	vol.- %	≥ 25	
Total porosity of the hardened mortar	vol.- %	≥ 40	
Layer thickness	mm	15 20 20	min. total layer thickness (on Oxal PGP WTA) min. total layer thickness (on Oxal VSM WTA) max. total layer thickness
Application temperature	°C	+ 5 to + 30	air-/material-/substrate temperature
Mixing ratio	kg : l	20 : 4.5 - 5	Oxal WPw : water

Product Characteristics for Oxal WPw

Colour	off-white
Delivery	20 kg bags
Storage	Can be stored in cool and dry conditions for at least 12 months in originally sealed packs.
Disposal	Packs must be emptied completely.

* All technical values are lab values and have been determined at + 23 °C and 50 % relative humidity.

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 08/20. 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.