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.

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Technical Data for Oxal WPw

Characteristic	Unit	Value*	Comments
Largest grain size	mm	1.0	
Coverage	kg/m²/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	min. total layer thickness (on Oxal PGP WTA)
		20	min. total layer thickness (on Oxal VSM WTA)
		20	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.