



MICROTOP® TW PLASTER

MINERAL PLASTER MORTAR FOR PLASTERING WORKS IN SHOTCRETING AND MANUAL APPLICATION, IN DRINKING WATER RESERVOIRS AND OTHER WATER TECHNICAL PLANTS

DESCRIPTION

MICROTOP TW Plaster is a factory produced, ready to use special mortar for plastering works in drinking water reservoirs and other water technical plants.

MICROTOP TW Plaster complies with the DVGW work sheets W 270, W 347 and is referred to W 300.

APPLICATION

MICROTOP TW Plaster is used for the interior lining of new and for the repair of existing drinking water reservoirs and other water technical plants. Its special composition provides excellent processing and working properties.

MICROTOP TW Plaster is easy to grind and smooth and can be processed manually.

PROPERTIES

- good bond to concrete and steel
- easy to mix
- good pumpability
- special granulometric composition

TECHNICAL DATA

Raw material basis: Binding agents acc. to DIN EN 197-1, DIN 1164, DIN 51043 and DIN 1060-1 specially selected and qualified aggregates acc. to DIN EN 12620/DIN V 20 000-103.

Granulometric composition: 0 - 2,0 mm
 Mixing time: approx. 3 Min.
 Yield per supply unit: approx. 14 l
 Processing temperature: > 5 °C
 Mortar group: MG P III

PROCESSING

Sub-base:

Clean from loose particles such as dust and cement slurry until a load-bearing sub-base is achieved. If necessary, roughening should be carried out, followed by pre-wetting of the surface.

Processing:

MICROTOP TW Plaster can be processed with any customary shotcreting equipment or manually. **MICROTOP TW Plaster** should be mixed as complete packaging unit with a water-cement-ratio of $\leq 0,5 = 3,75$ l water / 25kg bag for at least 3 minutes with a slowly running stirrer.

After-treatment:

Acc. to DIN 1045, to be protected from too rapid drying out. Differing temperatures may influence the setting resp. hardening procedure.

PRODUCTION/ CONTROL

Producer:
 KORODUR Westphal Hartbeton
 GmbH & Co. KG, works Wattenscheid
 Control:
 internal and external control

Certification: DIN EN ISO 9001:2008

PACKAGING/SUPPLY

25 kg special paper bags

STORAGE

dry, like cement,
 shelf-life approx. 6 months

HINTS

This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes consult a doctor. Our recommendations for application techniques are based on our experiences. It is recommended to adapt processing and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery. Further literature, processing hints, tender texts and test certificates on the different KORODUR industrial flooring systems, KORODUR floor hardeners, KORODUR dry mortars and special products are available on request.



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TESTING HINTS AND TECHNICAL DATA

Test Certificates: Hygiene Institute, Gelsenkirchen

DVGW	work sheet W 270	DVGW	work sheet W 347
	W 161776-08-SI		C-157076-07-Ko/st
formerly:	W 105746-03-SI	formerly:	C-101377-02-Sf

Test certificates acc. to DVGW work sheet W 300: LGA, Nürnberg

Set mortar raw density	BBBW1 0560023
Flexural strength	BBBW1 0560023
Compressive strength	BBBW1 0560023
Dynamic modulus of elasticity	BBBW1 0560023
TOC value	CPR 5622212.4

MPVA Neuwied	Porosity	50/1342-C/07
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Technical Data

Density	1,98 kg/l
Granulometric composition	0 - 2,0 mm
Strength class	MG P III
Water-cement ratio	≤ 0,5
Application thickness	approx. exceeding 15 - 20 mm
Processing temperature	≥ 5 °C

HINTS

The afore-mentioned data, in particular the suggestions for the processing and use of our products are based on our knowledge and experience in normal case. Taking into consideration the differences and deviations in materials, sub-bases and working conditions, a guarantee for working results cannot be given nor any reliability, regardless the legal relationship, whether referred to these hints nor to given verbal advice, unless we are charged of having acted on purpose or gross negligence. In such case the applicator has to furnish evidence that he had forwarded to us in good time, completely and in written form any information required for proper and promising judgement. Protective rights of third parties have to be observed. In any case the latest technical data sheet refers which is available on request.

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