



Status 01/2021

MICROTOP TW BM

mineral coating mortar for the lining of drinking water pipes and reservoirs as well as for other work sections in spun, shotcrete and manual application

DESCRIPTION

MICROTOP TW BM is a pure mineral, hydraulic setting special mortar for interior lining of drinking water pipes and reservoirs and other work sections. It meets the work sheets type class 1, W 300 and W 347.

APPLICATION

For the interior lining of new drinking water pipes and reservoirs, repair of pipes as well as for other work sections. Its special composition provides excellent processing and usage features. MICROTOP TW BM can be processed in spun, shotcrete and manual application. MICROTOP TW BM can also serve as bonding compound for floor coatings and as corrosion protection.

PROPERTIES

- water impermeable
- solid bond to concrete and steel
- corrosion-impeding
- easy to mix
- easy to pump

TECHNICAL DATA

Quality	C30/37
Grain size	0 - 1 mm
Colour	natural
Density	approx. 2,11 kg/l
Compressive strength [N/mm ²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	≥ 35 N/mm ²
Flexural strength [N/mm ²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	≥ 6 N/mm ²
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water/cement ratio	≤ 0,5
Water addition	approx. 5 - 6,25 l/25 kg bag
Layer thickness	approx. 5 - 8 mm
DVGW work sheet type class 1, W 300, W 347	☑

PROCESSING

Sub-base

The sub-base must be load-bearing and prepared. For full bond, the surface must be crack-free, flat, free from loose and brittle debris and fine mortar slurry, rough and open-pore. The sub-base must be thoroughly pre-wet.

Processing

Mix a complete bag of MICROTOP TW BM with the specified amount of water for approx. 3 minutes in slowly running pan type mixer/stirrer. MICROTOP TW BM can be processed in wet-mix shotcrete method or manually.

AFTER-TREATMENT

Differing temperatures may influence the setting/hardening process. MICROTOP TW BM must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.



MICROTOP TW BM

SUPPLY 25 kg special paper packaging

STORAGE Dry, like cement. Shelf-life approx. 12 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. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.



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