



Status 01/2021

MICROTOP TW VSM

mineral shotcrete mortar for pre-spraying works in shotcrete or manual application in drinking water reservoirs and other water technical plants

DESCRIPTION

MICROTOP TW VSM is a pure mineral, hydraulic setting special mortar for pre-spraying works in drinking water reservoirs and other water technical plants. It meets the DVGW work sheets type class 1, W 347.

APPLICATION

For interior lining and repair of new and old drinking water reservoirs and other masonry. Its special composition provides excellent processing and working features.

MICROTOP TW VSM is easy to grind and smooth. Smaller areas can be processed manually.

PROPERTIES

- solid bond to concrete and steel
- easy to mix
- easy to pump

TECHNICAL DATA

Quality	C12/15
Grain size	0 - 2 mm
Colour	natural
Density	approx. 1,98 kg/l
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water / cement ratio	≤ 0,5
Water addition	approx. 3,75 l/25 kg bag
Layer thickness	approx. 15 - 20 mm
Yield	approx. 14 l/25 kg bag
DVGW work sheet type class 1, W 347	<input checked="" type="checkbox"/>

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 MICROTOP TW VSM with the specified amount of water for approx. 3 minutes with a slowly running stirrer. Application by means of any customary spraying equipment or manually.

AFTER-TREATMENT

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

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.