



Status 01/2021

MICROTOP TW Mineral

**liquid surface modification on silicate basis
for the silicification of cementitious surfaces**

DESCRIPTION

MICROTOP TW is a liquid, transparent surface protection system on silicate basis designed for the surface modification in drinking water storage systems. The increasing silicification provides a steady improvement of the cement matrix, thus, acc. to the DVGW rules, MICROTOP TW Mineral qualifies for drinking water treatment plants.

APPLICATION

For the consolidation of mineral surfaces along with a surface sealing. MICROTOP TW Mineral effects an improvement of the microstructure by chemical reaction of mineral-bound building materials (silicification reaction).

PROPERTIES

- improved surface properties
- increased density
- water-repellent effect
- improved surface hardness

TECHNICAL DATA

Condition	liquid
Colour	transparent
Density	1,14 g/cm ³
Viscosity	approx. 100 mPas
pH-value	approx. 11,3
Material consumption depending on the porosity of sub-base exact values can be determined in pilot tests	approx. 150 - 250 g/m ²

PROCESSING

Sub-base

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

Application after 7 days at the earliest by means of brush or low pressure sprayer (garden sprayer). Don't spray in too fine mist, as this would affect a proper reaction. Depending on the absorbency of the sub-base, spray in one or multiple steps. On only slightly absorbent sub-bases, MICROTOP TW Mineral may be diluted with water 1:1.

SUPPLEMENTARY HINTS

Do not store MICROTOP TW Mineral in aluminium or galvanized containers. MICROTOP TW Mineral must not come into contact with glass or aluminium when fresh. If it does, rinse with plenty of water.

SUPPLY

20 kg plastic container

STORAGE

Dry and frost-free in closed original container. Shelf-life approx. 12 months.

HINTS: Not subject to labeling according to GefStoffV. MICROTOP TW Mineral has an alkaline reaction. Therefore protect skin and eyes. Wear suitable protective gloves and goggles when working. In case of contact with the eyes, rinse immediately with plenty of water and consult a doctor. Removed spilled material immediately with sand or other absorbent material. 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.

