

CEMENTITIOUS POLYURETHANE TOP COAT

DESCRIPTION AND USAGE

MAGIECRETE TC is a coating made out of polyurethane mortar cementitious with a dull finish, developed mainly as top coat on the MAGIECRETE HP,SL, and VG to reduce / hide mark made with a trowel or a paint-roller. It can also be used as a top coat to adjust the non-skid finish.

MAGIECRETE TC is applied by using a serrated scraper of 5/32" and roll-up pour make the surface more uniform. We highly recommend to lightly sprinkle some dry grain of 32 mesh for a non-skid finish.

MAGIECRETE TC once it is polymerised, it becomes an exceptionally hard, flexible and resilient mortar top coat which makes it remarkably resistant to what is translated by its resistance remarkable to thermal shocks, its resistance to impact, its resistance to abrasion, to wear and by its resistance to chemical, organic and inorganic products.

ADVANTAGE

- CFIA Acceptance
- Seamlessly Waterproof with Anti-Slip Surface
- Applicable in Low Temperatures (4°C)
- Virtually VOC-Free
- Completely Odorless
- Excellent Resistance to Organic and Inorganic Substances
- Inhibits Bacterial Growth
- Excellent Chemical and Abrasion Resistant
- Breathable; can be applied over green concrete

MIXING INSTRUCTION

Mixture: Mix A and B separately, then pour Part A into a 20L container or mixer. Start the mixer and add Part B, mix for 30 seconds, and slowly add Part C. **DO NOT DUMP THE POWDER INTO THE RESIN, ADD GRADUALLY.** Continue mixing all (A + B + C) for 2 minutes and scrape the walls to prevent poorly mixed residues of A, B, or C.

APPLICATION

Apply promptly along the wall and spread using a notched trowel, 5/32" (inch) to a minimum thickness of 25 mils. Lightly roll to eliminate marks, broadcast 32-mesh dry aggregates for an increased non-slip finish.

CAUTION

- Consult the safety data sheet before use.
- Do not apply the material if the substrate temperature is below 4°C / 40°F.
- Do not apply if the concrete is wet to prevent craters and blisters (air pockets) caused by the reaction between water in the substrate and the hardener, producing CO₂.
- Apply in surface blocks as large as possible to minimize color variation at the junction of adjacent sections.
- Ensure proper ventilation.



MAGIECHEM



CEMENTITIOUS POLYURETHANE TOP COAT

QUALIFICATION & QUANTIFICATION

Color: GREY, GREEN, RED AND BEIGE
(Custom colors are available at an additional cost)

COV: 0 G/ LITER

Polymerization time at 21°C

- Pedestrian : 18-36 hours
- Light Traffic: 36-48 hours
- Heavy Traffic: 120 hours
- Full Cure : 2 weeks

TAKE NOTE: The curing time can be extended if the temperature decreases.

Packaging

MAGIECRETE TC is available in kits of 11.7 kg, comprising three components:

1 Part A, 1 Part B, and a bag of Part C

Color:

MAGIECRETE TC is available in various colors:
(Gray, Green, Red, and Cream)

Special colors can be provided at an additional cost.

Mixing Ratio (by volume): 1 Part A : 1 Part B for the resin (liquids) + 1 Part C of the cement-sand mix.

Coverage per kit: 9.9m² at 0.76mm (106 sq ft @ 1/32") or 4.9m² at 1.5mm (53 sq ft @ 1/16").

Service Temperature: -18°C to 80°C (-0.4°F to 176°F).

Working Time at 25°C (77°F): 15 minutes.

Note: This time may be even shorter if the temperature exceeds 22°C (71.6°F). Do not install if the temperature is not between (4°C and 30°C) (40°F and 86°F).

Storage:

MAGIECRETE TC must be stacked on wooden pallets indoors and protected from sunlight, rain, and excessive heat. The temperature should be maintained between 15°C and 30°C (59°F and 86°F). **MAGIECRETE TC** can be stored on shelves for 6 months if storage conditions are adhered to.

Coverage per kit:

9.9m² at 0.76mm (106 sq ft @ 1/32").
4.9m² at 1.52mm (53 sq ft @ 1/16").

TECHNICAL SUPPORT AND WARRANTY

For any assistance, please consult a **MAGIECHEM** product representative.

The information provided in this technical data sheet is based on tests that we believe to be accurate. However, since the conditions of application are beyond our control, the seller and/or manufacturer disclaim all liability, except for the replacement of proven defective products.



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SURFACE/GALLON					
Épaisseur (mils)	1	4	8	10	20
Sq. ft/Gallon	1600	400	200	160	80

