



TAMMSCRETE

POLYMER-MODIFIED, CEMENTITIOUS FINISHING MATERIAL

DESCRIPTION

TAMMSCRETE is a single-component, polymer-modified, cement based material used for achieving a smooth finish on precast, cast-in-place, tilt-up or other unfinished concrete surfaces with imperfections.

TAMMSCRETE is suitable for application in the range 0 to 3 mm, and 6.4 mm when extended with sand.

PRIMARY APPLICATIONS

- Fill bug holes and honeycombs
- Skimcoats
- Brighten and restore vertical/overhead concrete surfaces
- Reprofilling over large areas, up to 6.4 mm depth

FEATURES/BENEFITS

- Featheredge to 3.0 mm, 6.4 mm when extended with sand
- Smooth, creamy consistency
- User friendly
- Low shrinkage
- Long working time
- Interior or exterior use

TECHNICAL INFORMATION

Material properties tested under laboratory conditions @ 27°C, 50% RH.

Performance Data:	
WATER / POWDER RATIO	0.24 – 0.25
Initial Set	45 to 60 minutes ASTM C 266
Fresh wet Density	2000 kg/m ³ approx.
Compressive Strength	(ASTM C 109 Modified*)
7 days	20 Mpa
28 days	25 Mpa

PACKAGING

TAMMSCRETE is packaged in 25 kg Bags

SHELF LIFE

12 months in original, unopened package

COVERAGE / YIELD

25 kg bag will yield approximately 0.011 m³ to 0.012 m³ and cover approximately 3.5 m² to 4.0 m² at 3.0 mm thickness.

- NOTE: Coverage rates are approximate and are for estimating purpose only. Actual coverage depends upon the concrete substrate

DIRECTIONS FOR USE

Surface Preparation: Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Mechanically abrade the surface to achieve a surface profile equal to CSP 3 - 4 in accordance with ICRI Guideline 310.2. Properly clean profiled area. Priming: Clean and prime exposed steel with DURALPREP AC. Concrete should be primed with a spray or brush coat of DURALPREP AC. Alternatively, a Saturated Surface Dry (SSD) concrete surface can be primed with a scrub coat of TAMMSCRETE. The repair must be made before the scrub coat dries out.

Mixing: Add TAMMSCRETE to the measured water, using only enough water to produce a mixture with a soft creamy putty-like consistency. Water requirements are 6.0 to 6.25 Ltr per 25 kg bag. Use a power drill with a "jiffy" mixer to mix single bags. For larger applications, a paddle type mortar mixer is recommended. Do not entrap air while mixing. TAMMSCRETE can be extended with up to 8 - 9 kg of clean and dried silica sand for a coarser texture and deeper repairs. For improved properties replace 25% of the mix water with AKKRO 7T.

Application & Finish: Apply TAMMSCRETE to walls with a float or trowel in a smooth uniform coat. Deep repair areas should be patched to within 3.0 mm of the surface using a compatible repair mortar such as SPEED CRETE RED LINE. Neat TAMMSCRETE can be used from featheredge to 3.0 mm. If extended with sand, TAMMSCRETE can be applied up to 6.4 mm.

Curing: Moist cure for best results in hot windy weather. Do not use solvent based curing compounds.

CLEAN-UP

Clean tools and application equipment immediately after use with water before TAMMSCRETE hardens. Hardened TAMMSCRETE will require mechanical abrasion for removal.

PRECAUTIONS/LIMITATIONS

- Store in dry conditions at temperatures between 10°C to 30°C.
- Unextended TAMMSCRETE should be applied to a maximum thickness of 3.0 mm per lift.
- Do not retemper or over trowel.
- Minimum ambient and surface temperature must be 4°C and rising at the time of application.

Protect from rain for 24 hours after application.

- In all cases, refer the Safety Data Sheet before use.

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