



TAMMSCRETE

POLYMER-MODIFIED, CEMENTITIOUS FINISHING MATERIAL

EUCLID CHEMICAL

VERTICAL/OVERHEAD REPAIR

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.

PRIMARY APPLICATIONS

- Fill bug holes and honeycombs
- Skimcoats
- Brighten and restore vertical/overhead concrete surfaces

FEATURES / BENEFITS

- Featheredge to 3.1 mm, 6.4 mm when extended with sand
- Smooth, creamy consistency
- User friendly
- Low shrinkage
- Long working time

TECHNICAL INFORMATION

Material Properties at 24°C

Initial Set min. ASTM C 266 20 to 30

Compressive Strength, MPa ASTM C 109
 7 days.....20.7
 28 days.....31.0

Flexural Strength, MPa ASTM C 78
 7 days.....3.4
 28 days.....5.2

Bond Strength, MPa ASTM C 1042
 7 days.....6.9
 28 days.....10.0

PACKAGING

TAMMSCRETE is packaged in 25kg poly-lined bags.

SHELF LIFE

2 years in original, unopened package.

COVERAGE/YIELD

One 25kg bag will yield approximately 12.1L and cover approximately 3.8m² at 3.2 mm thickness.

TAMMSCRETE

MASTER FORMAT #:
09 99 09

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 5.2 to 6.5L per 25kg 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 9.4kg 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 3.2 mm of the surface using a compatible repair mortar such as SPEED CRETE RED LINE. Neat TAMMSCRETE can be used from featheredge to 3.2 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 32°C.
- Unextended TAMMSCRETE should be applied to a maximum thickness of 3.2 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, consult the Safety Data Sheet before use.

Rev: 21/02/17