



# 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 18.1kg poly-lined bags.

## SHELF LIFE

2 years in original, unopened package.

## COVERAGE/YIELD

One 18.1 kg bag will yield approximately 0.011 m<sup>3</sup> and cover approximately 3.7 m<sup>2</sup> at 3.2 mm thickness.

TAMMSCRETE

MASTER FORMAT #: 09 99 29

## DIRECTIONS FOR USE

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**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 3.79 to 4.73 L per 18.1 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 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

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

## PRECAUTIONS / LIMITATIONS

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- 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.

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