

# EUCO TAMMS THIN PATCH 514

## POLYMER-MODIFIED, MULTI-USE REPAIR MORTAR

### DESCRIPTION:

Tamms Thin Patch is a polymer-modified, cement-based mortar formulated for repairing defects in concrete and masonry surfaces.

### PRIMARY APPLICATIONS:

- Horizontal, vertical or overhead repairs
- Interior and exterior use
- Fill small holes, honeycomb and spalled areas
- Repoint mortar joints

### FEATURES / BENEFITS

- Single-component
- Trowelable repair mortar
- Long-term durability
- Outstanding bond strength
- High strength
- User friendly

### TECHNICAL INFORMATION – MATERIAL PROPERTIES AT 24°C

#### Set Times (ASTM C 266)

Initial Set	± 30 to 50 min
Final Set	± 1 to 2 hours

#### Compressive Strength MPa (ASTM C 109)

7 Days	> 15
28 Days	> 25

#### Flexural Strength MPa (ASTM C 348)

7 Days	4.3
28 Days	5.0

**Shelf Life** 1 Year in original, unopened package

**Packaging** Tamms Thin Patch is packaged in 25kg bags

#### Coverage / Yield

A 25kg bag of Tamms Thin Patch will yield ± 14.5lt of material  
Applied at the following thickness, one 25kg bag of Tamms Thin Patch will cover:

3mm	4.8m <sup>2</sup>
5mm	2.9m <sup>2</sup>

**Note:** Coverage rates are approximate and are for estimating purposes only

### 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 of light to medium scarifying / shotblasting. Properly clean profiled area. Apply Tamms Thin Patch to pre-saturated surface removing pooled water prior to application.



**The Euclid Chemical Company**

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**Mixing:** One 25kg bag of Tamms Thin Patch will require 4 to 5 litres of potable water. Mix Tamms Thin Patch in a clean container using a slow speed drill and mixing blade. Pour clean water into the clean container and gradually add the Tamms Thin Patch. Mix thoroughly to disperse all ingredients and to achieve a trowelable consistency. Do not use excess water, and do not retemper Tamms Thin Patch.

**Application:** Apply sufficient pressure to fill all holes and voids, then trowel to a smooth finish. On large areas, use a screed to obtain a uniform level before trowelling. Do not over-trowel. Tamms Thin Patch will achieve initial set in approximately 40 minutes; final set in approximately 1 hour, and cures within 24 hours under normal drying conditions. Maximum thickness of application is 10mm per lift. When applying multiple lifts, allow prior lift to reach final set, score the surface then place the subsequent lift.

**Clean-up:** Clean all mixing and application equipment with water immediately following use. If material is allowed to dry on a surface, removal becomes extremely difficult.

**Precautions / Limitations:**

- Do not apply to frozen or frost-filled surfaces, at temperatures below 4°C or if temperature is expected to fall below 4°C within 24 hours.
- Application temperatures below 16°C will extend set time.
- On windy or hot days or for application in direct sunlight, use wet burlap or plastic sheet for curing.
- Do not use Tamms Thin Patch in joints or cracks that are subject to movement.
- Do not apply Tamms Thin Patch in more than 10mm deep lifts.
- Do not over-work or over-trowel the repair.
- Do not add more water than recommended.
- Protect from rain for 24 hours after placement.
- In all cases, consult the Material Safety Data Sheet before use.



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