



TAMMSPATCH II



TYPICAL APPLICATIONS

- Porch repair
- Garage and basement floors
- Driveway repair
- Resurfacing/overlayments
- Stamped concrete repair
- Sidewalk leveling
- Spalled concrete repair

FEATURES AND BENEFITS

- Featheredge to 2.5 in. (6.3 cm) if extended
- High durability
- Outstanding bond strength
- High strength
- User friendly
- Moist curing (normally) not required
- USDA compliant
- Color controlled
– light colored to better match existing concrete

USABLE FOR

- Trowelable repair mortar
- Topping product
- Horizontal, vertical or overhead repairs
- Repoint mortar joints
- Flowable underlayment

Tammspatch II is a two-component polymer reinforced, cementitious mortar and underlayment. It's easy to use and great for concrete repair and patching projects.

SURFACE PREPARATION

Concrete surfaces must be structurally sound, free of loose or deteriorated concrete, and clean of dust, dirt and other contaminants. Clean any exposed steel and reinforcing. Euclid Chemical's **Duralprep A.C.** is recommended as a bonding agent for exposed reinforcing steel. Abrade non-absorptive surfaces to obtain a proper profile for good adhesion. Flush area with clean water to remove all dust and to dampen the concrete. Remove any puddles before applying Tammspatch II. The surface should remain damp during placement.

MIXING INSTRUCTIONS

Pour 3/4 of supplied Part B liquid into a clean container. Using a 1/2" slow speed (400-600 rpm) drill and a jiffy mixer, gradually add Part A powder to produce a mortar with a smooth consistency and no lumps. Add from the remaining Part B liquid to desired consistency. Do not mix longer than 3 minutes, and do not add water. If extending Tammspatch II with an aggregate, use of a mortar mixer is recommended. The aggregate should be added after Parts A and B have been mixed. To fill areas deeper than 1" (2.5 cm), product should be extended with up to 20 lbs. (9.1 kg) of clean, Saturated Surface Dry (SSD) and 3/8" (0.9 cm) pea gravel or chip stone. Tammspatch II may be extended for patching depths greater than 0.5" (1.2 cm). When extended, it can be applied in lifts up to 2.5" (6.3 cm). Use multiple lifts to patch deeper depths.

APPLICATION TECHNIQUES

Apply to a dampened surface. For best results, use Euclid Chemical's **Tammsweld** as a bonding agent, or apply a scrub coat onto the surface. If a scrub coat is used, apply the Tammspatch II before the coat dries. Expansion joints and control joints must be extended through Tammspatch II. Moving cracks will "telegraph" through the product. Apply with a trowel, using sufficient pressure to fill surface holes and voids, and to ensure maximum bond to the substrate. A broom, wood float or steel trowel finish may be applied to the new surface. Avoid excessive troweling, as this will weaken the new surface.



EUCRID CHEMICAL

UNDERLAYMENT OR TOPPING

Apply from featheredge to 2.5" (6.3 cm). Pea gravel may be added when the depth exceeds 0.5" (1.2 cm), and should be added when the depth exceeds 1" (2.5 cm). When using Tammspatch II as a wearing surface, mix to a stiffer consistency by using less Part B liquid per bag of Tammspatch II, and install to a minimum thickness of 3/8" (0.9 cm). Do not featheredge when using as a wearing surface.

TROWEL APPLIED PATCHING

Mix to a stiffer consistency by using less Part B liquid per bag of Tammspatch II. Lubricate trowel and other tools with mixing liquid to prevent dragging.

MATERIAL PROPERTIES AT 75° F (24° C)

ASTM C266 (Gilmore)

Initial Set: 1.5 - 3 hours

Final Set: 4 - 5 hours

ASTM C109

Compressive Strength, psi (MPa)

3 days: 2,500 (17.24)

7 days: 3,800 (26.20)

28 days: 5,000 (38.47)

Yield / Coverage (combined Parts A and B)

45 lbs (20.4 kg) bag will yield 0.42 ft³ (0.011 m³)

Depth	Coverage
1/4"	20.1 ft ² (195.5 cm ²)
1/2"	10.0 ft ² (97.3 cm ²)
1"	5.0 ft ² (48.6 cm ²)

SERVICE AND SUPPORT

The Euclid Chemical Company is unique in our offering of superior products, unparalleled customer service and industry support. The Euclid Chemical team delivers a range of value-added resources and in-depth industry experience to architects, designers, engineers, building contractors and owners. Our experts are highly-trained professionals who are available in local offices across the Americas, and are active members on industry technical committees including American Concrete Institute (ACI), International Concrete Repair Institute (ICRI) and American Society for Testing and Materials (ASTM). Our experienced field team is available to support you and your projects using Euclid Chemical solutions and products manufactured under the stringent standards of our ISO 9000 certified quality system. The Euclid Chemical Company works hand-in-hand with customers:

- Supplying field evaluations, recommendations and application problem solving on a project-by-project basis.
- Assisting in product selection, specification, installation and related technology.
- Attending pre-design meetings, assisting in clarifying specifications, and recommending product selection.
- Supporting you by providing proper pre-installation instructions and methods for achieving quality results.

For more than 100 years, The Euclid Chemical Company has served as a leading supplier to the concrete and masonry industry, offering a full line of engineered concrete admixture and construction products marketed under the EUCO brand name. These products include concrete admixtures, block and masonry additives, curing and sealing compounds, epoxy adhesives, floor and wall coatings, structural grouts for columns, equipment and machinery, joint fillers and repair products. The Euclid Chemical Company strives to bring innovative technologies and products to the concrete market with industry-leading customer service.