TUFF INDUSTRIAL PRODUCTS®

TECHNICAL DATA
TUFFPATCH CR
PRODUCT #608 - Chemical Resistant

PRODUCT DESCRIPTION

TuffPatch CR is a three (3) component 100% solids reactive Novolac epoxy concrete patch kit. Specifically created for projects that may have exposure or submersion to a wide range of both dry and liquid chemicals (see Tuff Industrial Products Chemical Resistant Guide).

ADVANTAGES

- Meets VOC regulations/No offensive odors during installation
- Can be applied to both dry and moist surfaces
- Application temperatures offer a wide range from 45 Degrees F-80 Degrees F
- Can be applied in both interior and exterior applications
- Superior solution for patching critical chemical containment trenches, pits, and holding areas

LIMITATIONS

- Do not thin with solvents
- Exposure to U.V may cause some discoloration

PACKAGING

All TuffPatch Kits are packaged in a convenient "pre-proportioned" 5-gallon pail that includes all necessary components and a complete set of instructions.

Colors Available: Light Gray, Dark Gray, Beige, Tile Red

COVERAGE

1/8" -- 36 sq. ft
1/4" -- 18 sq. ft.
1/2" -- 9 sq. ft.

PRODUCT APPLICATION

Surface Preparation: The concrete substrate must be clean, sound, and free of dust or standing water. Remove all curing compounds, coatings, loose concrete, and debris by abrasive grinding or chipping (always use proper PPE). For best results, saw cut edges of the patch area to a depth of ¼". Where oil or grease build-up is present, the surface must be degreased to remove oil contaminants.

Priming the Surface: After the surface has been properly cleaned and dried, prime the surface with a mixture of neat epoxy resin (component A & B mixed but without aggregate). Do this by removing sand from the five (5) gallon container, pouring both A & B components into the five (5) gallon container, and mixing at a low speed with a drill and mixing paddle for three (3) minutes. If applicable, add color pigment and mix thoroughly. Remove a small portion and using a brush prime the surface to be repaired. Do not let material puddle.

Patching the Surface: Slowly blend the pre-measured sand into the remaining mixed epoxy resin. Mix materials for two-four (2-4) minutes or until the aggregate is thoroughly blended with the resin. Spread the blended mortar mix over the primed surface and compact material to desired thickness. Finish or "close" with a trowel to desired texture. Keep a clean trowel. Clean with mineral spirits.

Temperature Effect: Material (epoxy/sand), ambient and substrate temperatures impact the working time and overall cure time of this product. For best results, the temperature of the material and substrate should be between 75 Degrees F and 85 Degrees F. Higher temperatures will decrease the pot life, placement time, and cure time. Conversely, patches placed at approximately 20 Degrees F lower temperature will require twice as long to cure.

Pot Life: 25 minutes at 75 Degrees F

Cure Time: 4-5 hours at 75 Degrees F

Disposal: Dispose in accordance with local and state regulations