



## TECHNICAL DATA

# TUFFPATCH UF

PRODUCT #606 - Ultra Fast

### PRODUCT DESCRIPTION

**TuffPatch UF** is a 3-component, 70% solids, very fast setting, ultra-low viscosity, and high strength urethane/polyurea concrete repair material. TuffPatch UF is specifically formulated to use in combination with clean, dry sand for quick turnaround repairs on spalled and deteriorated concrete.

**TuffPatch UF** produces a quick return to service patch that exhibits unparalleled compressive strength permitting heavy traffic such as forklift traffic in just minutes after placement. The product's low viscosity allows the product to penetrate into the smallest hairline cracks and sand fillers resulting in excellent adhesion to concrete.

### ADVANTAGES

- Formulated for both interior and exterior applications
- Can be applied to dry concrete between 20 Degrees F up to 90 Degrees F
- Self-Priming
- No VOC's
- Meets USDA requirements
- Supports heavy traffic loads in as little as 15 minutes

### LIMITATIONS

- Cannot be applied to moist substrates
- Will discolor when exposed to direct sunlight
- Only available in Light Gray

### PACKAGING

All Tuff Patch kits are packaged in a convenient "Pre-Proportioned 5-gallon pails that include all necessary components and a complete set of instructions.

### COVERAGE

11 sq. ft. at ¼ inch

### 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.

**Warning:** *TUFF PATCH UF is moisture sensitive and should only be applied to dry surfaces.*

**Mixing and Patching the Surface:** Make sure shallow patches and cracks are pre-filled with sand and the work area is clean. Pour EQUAL amounts of component A and component B into two (2) separate mixing vessels. Pour component B into component A vessel. **Mix approximately 15-20 seconds.** Pour TuffPatch UF over the sand until it is completely saturated with a slight amount of free liquid (material) on top. Sprinkle a small amount of sand to absorb the excess material. The pot-life or usable working time of the mixed material is approximately three (3) minutes. **DO NOT MIX MORE MATERIAL THAN CAN BE USED IN THREE (3) MINUTES.** TuffPatch UF is a very low viscosity material with excellent "wetting" and does not require priming on most surfaces. When repairing cracks or patches deeper than two (2)" apply TUFFPATCH UF liquids first, then apply a 1-to-2-inch layer of sand and alternate liquids and sand until reaching the desired level.

**Finishing:** Scrape off any excess material with a squeegee before it cures. Allow the material to cure for 12 to 18 minutes and grind smooth. Clean up tools and the surrounding area quickly before the material cures.

**Pot Life:** 2-5 minutes at 75 Degrees F

**Cure Time:** 15 minutes at 75 Degrees F

Disposal:

**Disposal:** Dispose of in accordance with local and state regulations