



## TECHNICAL DATA

# TUFFPATCH VS

### PRODUCT #602 - Vertical Surfaces

#### PRODUCT DESCRIPTION

**TuffPatch VS** is a pre-proportioned three (3) component 100% solids, non-shrink epoxy polymer patch kit designed for vertical and overhead applications. This commercial-grade kit has been formulated to produce long-lasting project results.

Both vertical and overhead patch projects present a challenge with typical patch kit materials. Our proprietary formulation has been thickened to allow it to "hang in place" from placement through the cure phase.

#### ADVANTAGES

- Vertical and overhead patches will "stay in place" at ½"-1" when mixed with the proper aggregate
- Meets USDA guidelines
- Low VOC, no offensive odor during placement or curing
- Can be placed on both dry and moist surfaces
- Easy application with a trowel, or drywall tape knife

#### LIMITATIONS

- Do not thin with solvents
- Surface must be primed to ensure strong bonding and long-term results

#### 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.

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

#### COVERAGE

17 sq. ft. @ ¼"

#### 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.

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