

# Sure-Tough ST 8160

## APPLIED POLYMER SOLUTIONS, LLC

### PRODUCT PROFILE

**GENERIC DESCRIPTION** POLYMER FLOOR POLISH CONCENTRATE - is a one component highly durable floor polish. This product can produce a high performance floor finish that performs well in low maintenance floor finish programs as well as in ultra high speed maintenance programs. The product can be used over many coatings and surfaces to provide a protective layer with excellent scratch and mark resistance.

**BENEFITS OF USE**

- \*Provides a protective layer over many surfaces.
- \*Long term gloss retention
- \*Exceptional response to High speed maintenance.
- \*Pops when burnished.
- \*Easy to dilute concentration.
- \*Easy application.

**COLORS** opaque color - dries clear

### CHARACTERISTICS/FINISHES

**SURFACE** This product does not change the overall appearance of the substrate. After the material is applied and allowed to dry for 24 hours, it will not be readily apparent that the application has occurred, except the concrete will be fortified and exhibit excellent water repellency.

**PRIMERS** None required.

**TOPCOATS/FINISHES** Multiple coats (3-4 coats) are normally required for best performance.

### TECHNICAL SPECIFICATIONS

**VOC** <50 grams per liter

**CONCENTRATE SOLIDS** 35%

**pH** 8.8 typical

**COVERAGE PER GALLON** Typical coverage is 2,000 square feet per gallon per coat.

**ABRASION RESISTANCE** The product has excellent scratch and mark resistance for a polymer polish.

**ADHESION** Because this material becomes an integral part of the surface that is coated and does not form an impermeable barrier, delaminations do not occur.

**FINISH CHARACTERISTICS** Hi Gloss. The overall finish characteristics are determined by the application method and burnishing.

PACKAGING	Size	Part A	Coverage (1,604/WFT) x gallons
	5 gallon kit	5 gallon	Typical coverage is 2,000 square feet per gallon per coat.
55 gallon kit	55 gallon		

**STORAGE TEMP** 65°F - 85°F (18°C - 30°C) in a dry area. Avoid excessive heat and freezing.

**SHELF LIFE** 6 months in an unopened container

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### SURFACE PREPARATION

**SURFACE** Repair any damaged surfaces with a suitable product. Make sure surface to be waxed is completely dry. If the floor is not completely dry, the wax will not set or cure properly. All dirt, oil, dust, foreign contaminants must be removed to assure a trouble free application.

### APPLICATION

**MIXING** By simply cutting the concentrate with water, floor polishes ranging from 15% up to 27% can be produced. We recommend mixing one part Concentrate with one part water by volume (17.9% solids)

**THICKNESS** Always apply a small test area before undertaking the entire job. Stir material before using. After mixing, dilute with water to the desired strength and again mix thoroughly. You can apply the polish with a nylon looped wax applicator mop or a flat wax applicator mop after you set up all necessary caution/wet floor signs and cordon off all areas that will have polish applied. There should not be any traffic through this area until all of the coats are applied and completely dry. Typical coverage rates are 2,000 square feet per gallon per coat; for example, 1 gallon would provide 4 coats on a 20'x25' (500 ft<sup>2</sup>) room. When using a flat wax mop, you can pour the polish into the open back of the mop and for looped end wax mops, we recommend dipping it into the polish in your bucket, and slightly wringing it out, so the mop is damp. Apply a "thin" coat of polish to the floor. If the first layer is too thick, the polish can cure improperly and not bond well and the rest of the polish coats will be ruined; which will require you to strip off what you just laid down, and start over. The most effective way to apply the polish throughout a room is to start at the entranceway and outline the room, running along the baseboards first, then fill in the rest of the area by working back and forth until you work your way out the door. A 15 - 25% overlap is common to ensure no areas are missed. If any polish is splashed onto the baseboards or surrounding objects, it should be removed immediately. The 1st coat must be allowed to completely dry before applying the subsequent coats. About 20 - 30 minutes is typically a good amount of time to let each coat dry before starting the next coat of polish. Repeat the above instructions after allowing the previous coat to completely dry. Typical applications for the polish are three to four coats. The more coats you put down, the more protection you'll provide for the floor. It is a good idea to allow as much time as possible for the final coat to cure and adhere before allowing foot traffic. Typically 8 hours of curing is adequate before opening it up to the public. Product is intended for indoor applications. .

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### APPLICATION (CONTINUED)

**RECOAT/TOPCOAT** Multiple coats (3-4 coats) are normally required for best performance.

**CLEAN UP** Use any suitable mild detergent with a neutral pH to slightly alkaline pH and water.

*\*Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.*

### LIMITATIONS

**FLOOR CLEANING** Caution!, some cleaners may affect the polish surface. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested. For wet burnishing maintenance add 12 ounces of the 7960 full strength concentrate to a gallon container and fill the container with water and mix well; then spray a slight mist onto the floor and buff. Test a small area first before performing on a larger area.

**RESTRICTIONS** Restrict the use of the floor for at least 8 hours and preferably 24 hours . Keep the floor dry for this period.

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