

Superior Epoxy Primer - 171 - Low Viscosity, 100% Solids Epoxy Primer

DESCRIPTION: SUPERIOR EPOXY PRIMER 171 is a two component, low viscosity, 100% solids epoxy. SUPERIOR EPOXY PRIMER 171 will penetrate into concrete, sealing the surface to improve adhesion of epoxy toppings and coatings. SUPERIOR EPOXY PRIMER 171 will reduce outgassing of porous concrete to help produce pinhole free topcoats.

USES: Primer for porous concrete surfaces. Tack coat for easier application of aggregate filled, trowel applied epoxy toppings. Primer for polyester and vinyl ester toppings.

ADVANTAGES: 100% solids, conforms to VOC regulations. Low viscosity. Good penetration into concrete. Easy 1:1 volume mix ratio.

SURFACE PREPARATION: Surface must be clean, sound, dry and free of all foreign materials such as oils, grease, loose paint, dust and laitance. This may be accomplished by sand blasting or scarifying followed by an air blast to remove dust and debris from the application area. New concrete surfaces should be etched with a 5% muriatic acid solution or other concrete etchants, rinsed thoroughly and allowed to dry.

MIXING AND APPLICATION: Mix 1 volume of part A with 1 volume of part B. Mix thoroughly, being sure to scrape the sides and bottom with a strong mixing stick or a slow-speed drill with a paint propeller attachment. Do not mix more than can be applied in 20 minutes. Apply mixed material by brush, roller or squeegee at 150 to 200 square feet per gallon (8-10 mils). The coverage will depend upon texture of surface. Apply toppings before primer becomes tack-free, approximately 2-3 hours at 72°F.

LIMITATIONS: Do NOT apply when temperature is below 50°F. Do NOT apply to latex modified mortar or concrete.

CLEAN UP: Clean tools and equipment immediately with a suitable solvent such as xylene or lacquer thinner.

PACKAGING: Clear, 2 gallon units, 10 gallon units, 110 gallon units

CAUTION: For professional use only. Epoxy systems can cause delayed dermatitis. Avoid prolonged contact with skin. See Material Safety Data Sheet for proper handling and required safety equipment.

Properties at 77° F	
Mix Ratio by Volume	1:1
Color	Clear, Amber
Pot Life	20-30 mins
Coverage @ 10 mils	160 sq. ft. per gallon
Application Temperature	50-90°F
Solids	100%
Viscosity	1500 cps