



Engineered Chemical Coatings Since 1921

PCS-803 GRIP-TITE PENETRATING EPOXY PRIMER

DESCRIPTION: A VOC compliant, catalyzed epoxy composition designed to be used as a primer on steel, concrete and masonry surfaces in conjunction with various **Permite** epoxy toppings, floor coatings and topcoats. **Grip-Tite** is also useful as a bonding agent to old existing finishes which have degraded and lost their integrity. **Grip-Tite** may be applied over damp surfaces if standing water is first removed; it contains a special blend of solvents to facilitate the displacement of moisture in pores and crevices.

SURFACE PREPARATION: Dense, smooth, hard troweled concrete should be cleaned by abrasive blasting to remove any surface hardeners or curing compounds prior to coating. Rough concrete with a "broom finish" should be prepared in the same manner; however, acid etch is acceptable when technical bulletin "**Cement and Related Products Preparation for Coating**" is followed.

MIXING: Do not mix until the surface has been prepared. Mix equal portions of BASE and HARDENER together. It is not necessary to mix the entire kit at one time. Partially filled containers should be closed tightly. No induction time is required.

APPLICATION: The density and porosity of concrete surfaces vary so greatly, it is difficult to determine an exact spread rate. Application by brush, roller or spray should result in a completely wetted glaze appearance. A spread rate of 200 square feet per gallon is a good guideline for most applications. More than one coat may be required for porous surfaces. After application, allow approximately 1 hour for most of the solvent to evaporate.

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COLOR: Clear Amber

NUMBER OF COMPONENTS: Two

SPREAD RATE:
200 sq. ft. per gallon

VOLUME SOLIDS: 62%

VOC: 2.6 as supplied

MIXING RATIO: 1:1 by volume

WORKING POT LIFE:
4 hours at 72° F

CURE TIME:

Thin Films: 1-2 hours at 72°F to recoat

Heavier Films: 4-6 hours at 72°F to recoat

Recoat before 36 hours maximum

APPLICATION: Brush, roll or spray.

SHELF LIFE: Minimum of 12 months in unopened container.

PACKAGING: 2 gallon kits

DO NOT STORE ABOVE 90°F

Manufacturing and Executive Offices:

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The ideal situation is to apply the finish coat to a “tacky” **Grip-Tite** primer. Although application of the primer in heavier films is not critical to performance, the necessary cure time could be as long as 8 hours. It may be applied at temperatures down to 35°F; however, the cure time will be significantly longer. Recoat before 36 hours to avoid poor intercoat adhesion.

CLEAN-UP: REDUCER #76 or proprietary epoxy solvent blends.

CAUTIONS: Flammable. This product contains solvents. Keep away from heat and open flame. Keep container closed. Use with adequate ventilation. Avoid prolonged breathing of vapor. Avoid prolonged or repeated contact with skin. If used in confined areas, observe the following precautions to prevent hazards of fire or explosions or damage to health: (1) circulate adequate fresh air continuously during application and drying; (2) use fresh air masks and explosion-proof equipment; (3) prohibit all flames, sparks, welding, and smoking.

If swallowed, do not induce vomiting. Call a physician immediately. For eye contact, flush with lots of water. In case of skin contact wash thoroughly with soap and water.

See material safety data sheet for full precautions prior to use.

PCS-803 is intended for PROFESSIONAL USE ONLY.