PERMA•CRETE®

A Division of Quality Systems, Inc.

PERMA • PRIME E - COAT

SEPTEMBER 13, 1996

PRODUCT DESCRIPTION

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Perma• Prime E-Coat is a water-based two-component epoxy primer containing epoxy ester emulsions and fast drying acrylic polymers.

USES

Applied over concrete, steel, masonry or wood. Used for coating marine and industrial surfaces such as boats, barges, warehouse floors, paper mills, chemical plants and sanitary sewer systems. Designed for recoat with Perma•Thane CRU-750 or Perma • Poxy Enamel.

ADVANTAGES

Provides lasting protection against industrial chemicals, mildew, solvents, alkali, acids and temperatures up to 300°F. Cured film is hard but flexible; slip resistant; freeze-thaw resistant. Has exceptional abrasion and impact resistance under foot or vehicular traffic. Fully cured within 2-7 days at 72°F. Longer low temperature cures permitted as low as 55°F and rising at time of application. Easy mix ratio of 3A to 1 B.

TECHNICAL DATA

NOTE: Refer to separate detailed Installation Procedures contained in Section 12 of Dealer Manual.

CHARACTERISTICS

Finish:	Flat
Color:	Grey or White
Package:	4 Gal. Kit
Spread Rate: (Per Kit)	1,280 Sq. Ft. Per Kit at 5 Mils. Wet
Dry Film Thickness:	1.5 Mils. Dry
Mix Ratio:	3A to 1B
Viscosity:	62-75-K.U. @ 72°F
Pot Life:	24 Hrs. @ 70°F
Solids:	35% by Wt. 28% by Vol.
Wt. Per Gal.:	9.6 Lbs. Mixed
Application Temperature:	55°F - 90°F
Flash Point:	N/A
Recoat Time:	5-8 Hours
Number Coats:	One
VOC:	12 g/l
Pencil Hardness:	2 H Final
Storage:	60°F - 90°F
Shelf Life:	12 Mos. Unopened
Flammability Class:	Slightly Combustible

COMPOSITION

Epoxy Base(A)	Styrene Acrylic Polymers and Epoxy Ester Emulsions
Activator (A)	Water, Iron Oxide, TiO_2

PRODUCT APPLICATION

SURFACES

Surface must be structurally sound. Loose particles or soft weak sections must be removed. Old or new concrete should either be mechanically scarified, sandblasted or 10% muriatic acid washed as needed.

PREPARATION

Surface must be clean and free of dirt, dust, oil, grease, other coatings and and other substance that could affect adhesion. Steel surface should be sandblasted. All surface must be dry before application.

APPLICATION

Condition components to 72°F before use. Use slow speed (400-600 rpm) drill and mixing paddle to thoroughly *mix 3* parts A to 1 part B. Must be dry, not tacky, before recoat; usually within 6-8 hours @ 72°F. Apply by brush, roller or airless sprayer. Recoat with Perma•Poxy Enamel or Perma•Thane CRU-750.

CLEAN-UP

Clean application tools and equipment with warm soapy water. Clean hands and skin with soap and water or industrial hand cleaner.

1101 Menzler Road •Nashville, TN 37210 • USA
(615) 331-9200 • FAX (615) 834-1335