PERMA•CRETE®

A Division of Quality Systems, Inc.

PERMA • THANE CRU - 750

PRODUCT DESCRIPTION

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Perma • Thane CRU - 750 is a high solids,two component acrylic urethane containing a water reducible acrylic polyol, and a water dispersible isocyanate. Has unique elasticity which allows variations in stress and temperature.

USES

Applied over properly prepared and primed 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 manholes. NOTE: Avoid inhalation. Wear appropriate NIOSH/MSHA approved respirator.

ADVANTAGES

Withstands hydrogen sulfide gas as well as various strengths of sulphuric acid. Provides remarkable protection against industrial chemicals, mildew, solvents, alkali, acids, MEK, brake fluid, Skydrol and temperatures up to 550°F after full chemical cure. Cured film is hard but flexible; freeze-thaw resistant. Has exceptional abrasion and impact resistance under foot or vehicular traffic. Tack free within 6-8 hours and ready for recoat. Fully cured after 96 hours at 72°F. Full chemical resistance after 5 days. Longer low temperature cures permitted as low as 50°F and rising at time of application. Easy mix ratio of 3A to 1B.

TECHNICAL DATA

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

CHARACTERISTICS

Finish:	High Gloss
Color:	12 Std. Colors
Package:	4 Gal. Kit
Spread Rate: (Per Kit)	600 Sq. Ft. Per Kit at 6 Mils.
Dry Film Thickness:	9 Mils. (Incl. Primer)
Mix Ratio:	3A to 1B
Viscosity:	60-80 K.U. @ 72°F
Pot Life:	3 Hrs. @72°F
Solids:	57% by Wt. 51% by Vol.
Wt. Per Gal.	9.6 Lbs. Mixed
Application Temperature:	45°F - 100°F
Flash Point:	Above 200°F
Recoat Time:	6 - 8 Hours
VOC:	7 g/l
Pencil Hardness:	4 H Final
Flexibility:	Passes 1/8" Mandre
Storage:	40°F - 120°F
Shelf Life:	12 Mos. Unopened
Flammability Class:	Non- Flammable

COMPOSITION

Enamel Base (A)	Water Reducible Acrylic Polyol
Activator (B)	Water Dispersible Isocyanate

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 and primed with a 3-4 mil application of PERMA•PRIME E-Coat.

PREPARATION

Surface must be clean and free of dirt, dust, oil, grease, other coatings and any other substance that could affect adhesion. All surfaces should be primed with a 3-4 mil application of Perma•Prime E-Coat before applying Perma • Thane within 24 hours.

APPLICATION

Condition components to 72°F before applying two recommended coats of 3 mils each. Use slow speed (400 - 600 rpm) drill and mixing paddle to thoroughly mix 3 parts A to 1 part B. Apply by brush, 1/2" nonshedding roller or airless sprayer. CAUTION: 1) Overspray may drift long distances. 2) Excessive buildup can cause streaking.

CLEAN-UP

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

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