

PRODUCT

INFORMATION



Steeltech®

Epoxy Pre-Prime

S5810 - Part A (Clear)

S5890 - Part B Activator

Description:

Steeltech® Epoxy Pre-Prime is a two-component, VOC compliant, rust penetrating epoxy pre-primer designed for use over marginally prepared surfaces when a thorough cleaning is not possible. The life of the coating depends on the amount of loose rust, rust scale, and poorly adhering old paint existing on the substrate. **It must be used with part B Activator, S5890.** This system may be topcoated with the appropriate Pratt & Lambert product coating.

USES:

- Offshore platforms
- Bridges
- Pipe racks
- Marine applications
- Barrier coat for hot solvent topcoats
- Penetrating sealer for tight rusted surfaces

SIZES:

Available in 1 Gallon kits; (quart to 3/4 filled gallon: 3:1 ratio)

SURFACE PREPARATION:

Surface must be free of dirt, oil, grease, and rust. Ferrous Metal - Hand tool clean according to SSPC SP-2, and remove oil, grease and contaminants by solvent cleaning, SSPC-SP1. Previously painted surfaces: Clean according to SSPC-SP1 to remove contamination. Concrete: Refer to NACE 6/SSPC-SP13.

MIXING: Mix ratio 3:1 Mix base component and activator separately. Add activator to base component and mix until completely blended.

TECHNICAL DATA

Vehicle:	Epoxy
Components:	Two (Color: clear)
Sheen:	Medium Sheen
Flash Point:	152°F
% Solids:	By Volume: 100.0% calc. 70%, ASTM D2697 (Helium Pycnometer)
VOC Level:	1.15 lbs./gal. (138 gm/l) max.
Rec. Film Thickness:	1.5 - 2.0 mils wet film (800 - 1,050 sq. ft/gal.)
Rec. Film Thickness:	1.5 - 2.0 mils dry film
Pot Life:	4 hours (@ 77°F/50%RH)
Shelf Life:	12 months
Induction Time:	none required
Application:	Apply by Brush, Roller or airless spray
Drying Time @ 77°F (25°C):	Set to touch 9.5 hrs. Tack free: 17 hours. Dry recoat min. 12 hrs; max. 30 days.
Thinning:	Not required
Cleanup:	Teichgard Reducer #1
Limitations:	NOT INTENDED FOR IMMERSION SERVICE. Do not apply when surface temperature is less than 5°F (3°C) above the dew point. Primer required when painting ferrous metal in moderately corrosive environments. Do not apply to surface temperatures below 40°F or above 120°F. Concrete must be cured for 28 days prior to painting.
Heat Resistance:	Up to 250°F dry heat (121°C)

FOR INDUSTRIAL USE ONLY

Technical Information Line:
1-800-BUY-PRAT (1-800-289-7728)

Website Address:
www.prattandlambert.com

APPLICATION

Airless:	Pressure	2200-2500 psi
	Hose	1/4" ID
	Tip	.015
	Filter	60 mesh
Brush:	Natural Bristle	
Roller:	Woven, phenolic core	

RECOMMENDED SYSTEMS

FERROUS METAL:

- Steeltech® Epoxy Pre-Prime at 1.5 - 2.0 mils DFT/coat
- (and)
- 1 or 2 coats of Techgard® High Build Epoxy Mastic at 5.0 - 10.0 mils DFT/coat

CONCRETE:

Concrete must be cured for 30 days

- 1 coat of Steeltech® Epoxy Pre-Prime at 1.5 - 2.0 mils DFT/coat
- (and)
- 1 or 2 coats Palgard® Epoxy S3400 series at 1.5 - 2.0 mils DFT/coat

PREVIOUSLY PAINTED SURFACES

- Steeltech® Epoxy Pre-Prime at 1.5 - 2.0 mils DFT/coat

(and)

Topcoated with:

Enducryl® DTM Acrylic Semi-Gloss Enamel
Enducryl® DTM Acrylic Gloss Enamel
Palgard® Epoxy
Enducryl® Water-Based Epoxy
Enducryl® HP Water-Based Epoxy
Techgard® Maintenance Gloss Enamel
Techgard® High Solids Urethane
Techgard® Hi-Build Epoxy Mastic

For Additional Recommended Coating Systems Contact Your Pratt & Lambert Sales Executive.