INDURON PROTECTIVE COATINGS
3333 Richard Arrington Jr. Blvd. N
Birmingham, AL 35234

E-Bond 100

Epoxy Penetrating Sealer & Primer

General Information

Description

High solids, general use industrial penetrating sealer for priming and patching previously painted or marginally prepared surfaces. E-Bond 100's wetting and wicking properties facilitate adhesion to otherwise unpaintable substrates. Textured for worker safety

Generic Type

Epoxy Polyamidoamine

Typical Uses

Rehabilitation and maintenance of previously painted water tanks and outdoor water treatment plant assets. Priming concrete floors in order to prepare for the installation of a 100% solids self-leveling epoxy flooring system.

Available Colors

Clear

Available Kit Sizes

A	1 gallon	5 gallons
B	1 gallon	5 gallons
Total Kit Volume	2 gallon kit	10 gallon kit

Performance Testing

ASTM D4541 Pneumatic Adhesion to Indurethane 6600 Plus Topcoat	1600 psi at 60 day recoat interval
ASTM D4541 Pneumatic Adhesion to Permagloss Topcoat	1700 psi at 60 day recoat interval
ASTM D4541 Pneumatic Adhesion to SSPC SP-3 prepared raw steel	1300 psi average

Additional Testing Data

Compatible Topcoats

Ceramaprime, Ceramaprime LV, Ceramaprime CC, PE-70, RC-70, Indurethane 6600 Plus, Permagloss, Aquanaut II, Perma-Tuff SL, Perma-Clean II, Induraguard 9200, Induramastic 85, Ceramasafe 90, Novasafe

Surface Preparation

All substrates clean and dry, free of dirt, oils, greases and contaminants

Previously Painted Steel	Hand tool, Power tool or pressure wash as per SSPC SP-2, SP-3 or NACE WJ-4 to produce a clean, dry and sound surface
Concrete	Abrasive blast as per SSPC SP-13 to an ICRI CSP 3 or greater. Can be applied over Mortarchem and EFS 707
Unpainted Steel	Remove all loosely adherent corrosion products and contaminants as per SSPC SP-2

Shelf Life & Storage

2 year shelf life parts A and B, Store long term between 35 and 90ºF

E-Bond 100

Application Information

Film Thickness

	minimum	maximum
wet film	1.0	2.0
dry film	1.0	2.0

Coverage Rate

1604 ft^2/gal at 1 mil
802 ft^2/gal at 2 mils

Application Instructions

Single Leg Airless Spray	Use pump capable of 2,000 psi line pressure; 0.013-0.015 spray tip, do not thin
Brush and Roll	Use stiff bristle round brush where applicable

Mix-Ratio

1:1 by volume A:B

Pot Life

50ºF	75ºF	90ºF
7 hrs	5 hrs	1.5 hrs

Thinning

Do not thin, use K-1070 or K-1034 for clean up

Conditions

All steel temperatures must be ≥5ºF above the dewpoint

	minimum	maximum
Substrate temperature	50ºF	130ºF
Material temperature	70ºF	120ºF
Humidity	0% RH	95% RH

Cure

	75ºF	90ºF
dry to handle	24 hrs	12 hrs
dry to topcoat minimum	24 hrs	12 hrs
dry to topcoat maximum	60 days	60 days

Reference

Physical Properties

HAPS	0
VOC	0
volume solids	100%
weight solids	100%

Links

Safety Data Sheet
E-Bond 100 Power Data Sheet
E-Bond 100 Adhesion Data