

**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**

<b>A</b>	1 gallon	5 gallons
<b>B</b>	1 gallon	5 gallons
<b>Total Kit Volume</b>	2 gallon kit	10 gallon kit

**Performance Testing**

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

<b>Previously Painted Steel</b>	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
<b>Concrete</b>	Abrasive blast as per SSPC SP-13 to an ICRI CSP 3 or greater. Can be applied over Mortarchem and EFS 707
<b>Unpainted Steel</b>	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 90°F

# 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<sup>2</sup>/gal at 1 mil  
802 ft<sup>2</sup>/gal at 2 mils

### Application Instructions

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

### Mix-Ratio

1:1 by volume A:B

### Pot Life

50°F	75°F	90°F
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 ≥5°F above the dewpoint

	minimum	maximum
<b>Substrate temperature</b>	70°F	130°F
<b>Material temperature</b>	70°F	120°F
<b>Humidity</b>	0% RH	95% RH

### Cure

	75°F	90°F
<b>dry to handle</b>	24 hrs	12 hrs
<b>dry to topcoat minimum</b>	24 hrs	12 hrs
<b>dry to topcoat maximum</b>	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](#)