

EPI LUX 78-LOW VOC

Low VOC HB Epoxy Anti-Corrosive Primer

PRODUCT DESCRIPTION

DESIGNED USE

Two components Polyamide-Epoxy Primer containing Zinc phosphate.

- Epoxy primer suitable for all type of structural steelwork.
- Suitable for over coating with Epoxies as well as PU top coat.
- Good Wetting properties and outstanding adhesion to blasted steel.
- High build anti corrosive primer with good abrasion resistance.
- Good anti corrosive performance.

PHYSICAL DATA

Colour	Red oxide
Gloss	Low sheen
Volume Solids	Approx. 80%
Recommended DFT / Coat	75 microns
Theoretical covering capacity	10.65 m ² /litre @ 75 microns

APPLICATION DETAILS

METHOD OF APPLICATION:

Brush / Roller Only for spot repairs and touch up	Recommended Thinner: Solvalux 7-45 Volume of Thinner : 0 - 10%
Airless Spray	Recommended Thinner: Thinner Xylene: Butanol (2:1) Volume of Thinner: 0 - 10% Nozzle Orifice : 0.53. - 0.68mm Nozzle Pressure: 12-17 MPa (= approx. 200-240 atm; 2800 -3400 p.s.i)
Air Spray	Recommended Thinner: Thinner Xylene: Butanol (2:1) Volume of Thinner: 10-20% Nozzle Orifice : 1.5-3.0 mm Nozzle Pressure: 0.3 – 0.4 Mpa (approx 3-4 atm; 43-57 p.s.i)

DRYING TIME:	Drying time at 30°C	: Touch dry –2 hours : Hard dry – 16 Hrs : Full cure - 7 days
	Overcoating interval at 30°C	: Min. : 3 hours : Max: 7 days, provided surface is dry and cleaned From all contamination.

ADDITIONAL INFORMATION

Flash Point : Base:	Not below 30°C
Hardener:	Not below 30°C
Shelf life:	(cool & dry place @ 30°C) : At least 12 months
Storage :	Store in a cool, dry place. Store in accordance with local regulations.
Packing:	20 litres

Directions For Use

Surface Preparation & Substrate Conditions

- Blast cleaned steel to Sa 2½ of Swedish specification
- Substrate should be dry and free from all contamination.
- Substrate temperature should be at least 3°C above the dew point but not above 50°C

Mixing

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Then combine and mix as follows:

Mixing Ratio	:	Base: Hardener
(by volume)	:	3 : 1
Pot life at 23°C	:	3 hours min.
Induction Time	:	15 min.

SAFETY PRECAUTIONS

As a general safety measure, inhalation of solvent vapours or Spray mist or vapour and contact of liquid paint with skin & eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint. Please refer our Material Safety Data Sheet prior to using the product.

FIRST AID

- Eyes: In the event of accidental splashes, flush eyes with water immediately and obtain medical advice
- Skin: Wash skin thoroughly with soap and water or approved industrial cleaner.
- DO NOT USE solvent or thinners.
- Inhalation: Remove to fresh air, loosen collar and keep patient rested.
- Ingestion: In case of accidental ingestion. DO NOT INDUCE VOMITING.
- Obtain immediate medical attention

DISCLAIMER

To the best of our knowledge the information provided herein is true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product.

The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new data sheet. The user should check with the nearest sales office of the company and confirm the validity of the information prior to using the product.