

# U-POX SHOP PRIMER

## PRODUCT DESCRIPTION

It is a two-component epoxy polyamide primer containing zinc phosphate as a rust inhibitor, formulated especially for use in automatic blasting plants to protect steel surfaces from oxidation. Since it does not contain lead and zinc chromate, it is a suitable priming system in terms of environmental pollution.

## AREAS OF USE

As a pre-fabrication lining to protect abrasive blasted steel plates or structural steel from oxidation during fabrication, Hotels and Restaurants, As a protective lining to protect abrasive blasted steel plates or structural steel during storage.

## APPLICATION

**Surface Preparation:** All kinds of undesirable substances such as oil, dirt, rust, old paint, mill shell on the surface should be removed from the surface by sand blasting and / or other mechanical and chemical methods (until glossy metal is obtained). The scraped surface should be cleaned with dry air. Sand blasting at SA 2.5 is recommended for surface cleaning. ISOWEIR U-POX SHOP PRIMER should be applied as soon as possible before oxidation starts on metal surfaces.

**Product Preparation and Application:** The mixing ratio should be 12 kg of Component A and 6 kg of Component B by weight. Component A should be mixed





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with a low speed mixer until homogenized. Component B should then be added to component A and the mixture should be mixed at about 100 rpm for at least 2 minutes. Mixture as the amount of contents you are mixing increases, you may need to increase your mixing time or mixing speed. As soon as you start mixing, there will be a cloudy appearance in the system at first, and as the mixing continues, it will start to become transparent again. After unpacking, homogenized ISOWEIR U-POX SHOP PRIMER primer by mixing it thoroughly, preferably with a drill motor, and mix it with the second component at the specified ratio. The environment should be very well ventilated during indoor applications, and tools and processes related to electricity and flame should not be in the same environment due to the solvents contained in the primer.

**Points to be Considered:** Eyes should be protected during the application. It is recommended to wear gloves.

## FEATURES, ADVANTAGES

- ◆ It is a suitable priming system in terms of environmental pollution.
- ◆ It does not contain lead and zinc chromate.
- ◆ It is resistant to physical and chemical effects.

## HEALTH AND SAFETY INFORMATION

- ◆ Please consider the hazard and precautionary statements indicated on the product packaging.
- ◆ Follow the guidelines specified in the product's safety data sheet.
- ◆ In case of unexpected health issues, consult the nearest healthcare facility.



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## TECHNICAL SPECIFICATIONS

Color	Green, Red, Gray
Gloss	Matte
Appearance	-
Density (20 °C)	1,06 – 1,10 kg/l tixotropic liquid
Mixing Ratio (% Weight)	Component A 66,66% Component B 33,34
Dry Film Thickness	20 microns
Wet Film Thickness	55-65 microns
Solid Matter (% Weight)	%25-30
Heat Strength (°C)	160 °C
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Roller, brush, airless gun
Thinning Rate	%10 - %15 (Epoxy Thinner)
Mixture Life (20 °C)	8 hours
Amount of Use m <sup>2</sup> /kg	Theoretical coating: 0,062 – 0,070 Practical coating: 0,075 - 0,100
Drying Time (20 °C)	Initial Curing: 3 - 5 minutes Second Coat: 24 - 72 hours Curing Period: 7 days
Packaging	Component A 12 kg Component B 6 kg Tin bucket
Storage Temperature	It should be stored in a place not exposed to direct sunlight, protected from frost, in closed packaging at 5 °C - 35 °C.
Storage Duration	1 Year
Quality Certificate	ISO 9001

