

U-POX LAK EMPRENYE

PRODUCT DESCRIPTION

ISOWEIR U-POX LAK IMPREGNATION is a double component, epoxy-polyamide based transparent varnish. It has very high chemical and physical resistance. It penetrates and fills cracks and pores in wood and concrete materials and prepares a good ground for the paints to be applied on it. It also adheres very well on light metals (such as Zinc, Aluminum).

AREAS OF USE

It is used as a protective varnish on all kinds of metal, wood and concrete surfaces, especially in places exposed to corrosion.

APPLICATION

Surface Preparation: Concrete surfaces should be thoroughly cleaned, dust and loose particles should be removed with a rotating steel or vacuum cleaner. The scraped surface should be cleaned with dry air. Steel surfaces should be cleaned from dirt, oil, rust, etc. before application, sandblasting at SA 2.5 is recommended for surface cleaning.

Product Preparation and Application: The mixing ratio should be 10 kg of Component A and 5 kg of Component B by weight. Component A should be mixed with a low speed mixer until homogenized. Component B should then be added to





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component A and the mixture should be mixed at about 100 rpm for at least 2 minutes. As the amount of contents you are mixing increases, you may need to increase your mixing time or mixing speed. Mixture 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 opening the package, ISOWEIR U-POX LAK IMPREGNATION is homogenized by thoroughly mixing, preferably with a drill motor, and mixed 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 has very high chemical and physical resistance.
- ◆ It penetrates and fills cracks and pores in wood and concrete surfaces. It provides a good ground for the paints to be applied on it.
- ◆ It adheres very well on light metals such as zinc and aluminum.

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.



Star Boya ve Kimya San. ve Tic. Ltd. Şti.

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TECHNICAL SPECIFICATIONS

Color	Colorless, Transparent
Gloss	-
Appearance	-
Density (20 °C)	1,10 – 1,15 kg/lit
Mixing Ratio (% Weight)	Component A 66.66% Component B 33.34
Dry Film Thickness	36 - 40 microns
Solid Matter (% Weight)	%50
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Roller, brush, spray gun
Thinning Rate	%10 (Epoxy Thinner)
Mixture Life (20 °C)	8 hours
Amount of Use m ² /kg	Metal surfaces: 0.125 - 0.140 kg Concrete surfaces: 0.150 - 0.250 kg (rates may vary)
Drying Time (25 °C)	Initial Curing: 1 - 2 hours Second Coat: 18 - 24 hours Curing Period: 7 days
Packaging	Component A 10 kg Component B 5 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



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