

U-POX ASTAR

PRODUCT DESCRIPTION

Epoxy based, two-component primer with high adhesion. It is resistant to physical and chemical effects.

AREAS OF USE

Refineries, Petrochemical plants and other industrial establishments, Pharmaceutical and food industry, Hospitals, Concrete, cement plaster and metal surfaces in order to protect from atmospheric, chemical and mechanical effects, on all surfaces of boats and ships, on anticorrosive primers.

APPLICATION

Surface Preparation: On metallic surfaces: All kinds of undesirable substances such as oil, dirt, rust, old paint, mill shell, etc. on the surface should be removed from the surface by sand blasting and / or other mechanical and chemical methods (until shiny 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 PRIMER should be applied as soon as possible before oxidation starts on metal surfaces. **On concrete and cement surfaces:** Paint, dirt, grease, oil, loose parts on the surface of old concrete and cement plasters should be removed from the environment by mechanical or chemical methods. Make sure that the floor is completely dry before priming. New concrete and cement plaster must be cured. This period is recommended to be approximately 21 days. Remove mortar residues from cured surfaces.

Product Preparation and Application: The mixing ratio should be 25 kg of





ISOWEIR[®]
PAINT & INSULATION SYSTEMS

Component A and 6 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 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. 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. ISOWEIR After opening the package, U-POX PRIMER 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. Thinning is not performed. Epoxy Thinner is used for tool cleaning.

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

FEATURES, ADVANTAGES

- ◆ It has high chemical and mechanical resistance.
- ◆ It has high resistance to friction.
- ◆ It adheres well to all kinds of metal and concrete surfaces.
- ◆ It does not contain bacteria.
- ◆ No dust occurs and easy to clean.

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.
ISISO Sanayii Sitesi A Blok No : 12 Hadımköy, İstanbul, Türkiye
+90 (212) 623 2716
info@isoweir.com

www.isoweir.com



TECHNICAL SPECIFICATIONS

Color	White, Gray are recommended colors.
Gloss	Matte
Appearance	-
Density (20 °C)	1,30 kg/l tixotropic liquid
Mixing Ratio (% Weight)	Component A 80.65% Component B 19.35
Solid Matter (% Weight)	%45
Heat Strength (°C)	150 °C
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Roller, brush, airless gun
Thinning Rate	%10 - %15 (Epoxy Thinner)
Mixture Life (20 °C)	30 minutes
Amount of Use m ² /kg	Theoretical coating: 0,090 Practical coating: 0,070 - 0,125
Drying Time (25 °C)	Initial Curing: 1-2 hours Second coat: 12 hours Curing Period: 7 days
Packaging	Component A 25 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

