ISOWEIR®
PAINT & INSULATION SYSTEMS

TECHNICAL DATA SHEET

U-POX SON KAT

PRODUCT DESCRIPTION

ISOWEIR U-POX TOP COAT, Double component, reaction drying topcoat paint. It is successfully used in corrosive environments due to its high adhesion ability and high resistance to external factors. It is recommended to be applied after Zinc Phosphate Primer and base coat applications for metal, after U-pox Lacquer application for Concrete Surfaces.

AREAS OF USE

Industrial plants, steel constructions in constructions such as ports, bridges, dams, chemical plants, pipelines, acid, alkali and solvent tanks, swimming pools and other pools.

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. Sand blasting at SA 2.5 is recommended for surface cleaning.

Product Preparation and Application: The mixing ratio should be 20 kg of 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

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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 TOP COAT 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 provides long-term resistance in gasoline, jet fuel, ammonia water, NaOH, KOH, NaCl, sulfur dioxide, sea water, animal oils and sugary solutions.
- Acetone, Alcohol, Butyl acetad, Tri Chloro Ethylene, Toluol, H2SO4 (10%), HCL (10-50%), HNO3 (10%), Phosphoric Acid, Citric Acid Acid (10%), Fluoric Acid (10%), Bromic Acid (10%), Acetic Acid (10%) provide full resistance to short-term effects.
- Benzol, I.Butanol are not resistant to these products.

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	Various colors
Gloss	Glossy - Semi-matte
Appearance	-
Density (20 °C)	1,45 kg/l tixotropic liquid
Mixing Ratio (% Weight)	Component A 76.92% Component B 23.08
Dry Film Thickness	40-50 microns
Solid Matter (% Weight)	%60-65
Application Temperature (°C)	5 °C – 35 °C
Application Apparatus	Roller, brush, spray gun
Thinning Rate	%10 - %20 (Epoxy Thinner)
Mixture Life (20 °C)	24 – 30 minutes
Amount of Use m^2/kg	Metal surfaces: 1.140 - 0.165 kg Concrete surfaces: 0.500 - 1.250 kg
Drying Time (25 °C)	Initial Curing: 1 - 2 hours Second Coat: 18 - 24 hours Curing Period: 7 days
Packaging	Component A 20 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

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