POLIPOX SHOP PRIMER

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

It is a two-component, epoxy resin based, polyamide hardener cured shop primer used to protect steel surfaces that have been subjected to abrasive sand-grit blasting against corrosion, delays corrosion, does not impair welding quality and is suitable for use in automatic paint machines. It creates a solid base for paints to be applied on it due to its very good adhesion properties.

PRODUCT FEATURES

- Strong adhesion
- Corrosion retardant
- Fast drying
- Does not impair weld quality
- Provides smooth surface

RECOMMENDED FOR

- All kinds of metal surfaces exposed to water, sea water, chemicals and abrasion.
- In general industry and metal protection in machinery.

TECHNICIAL SPECIFICATIONS

		Standard
Color	Red	-
Brightness	Matte	-
Density (g / ml)	1.2	ASTM D-1475

SURFACE

Before the application all surfaces must be cleaned from dust, oil and rust.

Metal Surfaces Surface should be prepared by ISO 8501-01 SA 2½ abrasive sand grit blasting. All surface defects must be eliminated. Once the surface preparation is finished, it should be primed with epoxy shop primer within 3 and 4 hours.

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APPLICATION

Application Temperature	min +10 °C / max + 30 °C

Recommended Film Thickness

Consumption (m^2 / L)	: 11-13
Consumption (m^2 / kg)	: 9-11

Actual coverage may vary depending on surface texture, porosity, and application method.. Does not include the loss of material.

Application should not be done around dew point. Application area should be well ventilated for proper drying. Moisture content of the surface should not exceed 4%.

Mixing Ratio

	By Volume	By Weight
POLIPOX SHOP PRIMER	5.65	7
POLIPOX SHOP PRIMER HARDENER	1	1
Epoxy Thinner		0-5%

Component A and Component B are mixed until a homogeneous mixture is obtained.

The application time for mixture (gel time - 250 g mixture / 23 °C / 50% RH) 8-12 hours

After stirring with provided information, it should be waited for 5 and 10 minutes for pre-reaction before application

Application Equipment

Brush	Brush can be used in small areas.	
Air (Airmix) Spray	Nozzle diameter 1.5 - 2 mm	Nozzle pressure 2,5-3 bar
Airless Spray	Applicable.	

STORAGE and PACKAGING

Packaging	20 KG (17.5 KG A + 2.5 KG B)
Storage Conditions	Store between 5-30°C in sealed packages away from direct sunlight. Keep the packaging closed when not in use. Protect from frost.
Shelf life	1 year

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Sample Text

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HEALTH AND SAFETY INFORMATION

Refer to the instructions specified in the harmfulness and precautionary statements on the product packaging.
Product of the safety data sheet should be treated by the rules.
Refer to the nearest health facility for unexpected health problems.

LEGAL NOTES

All the information and guidelines given in this technical bulletin was formed and developed through the experience in the laboratories of Polisan Kansai Paint, and was systematically collected by our field engineers. “Polisan Kansai Paint"has the right to make changes in the product where necessary, without notice. The information given above is valid for the product from the date of publication.It is the user's responsibility to verify the accuracy of the information. The product should be used based on the technical information form for the recommended purpose. It is the responsibility of the users to implement all measures for the fulfilment of the specified requirements.
The data in the technical information form is designed to give descriptions of the product performance, under specific test conditions. An important factor in product performance is the variables that may occur in the initial process which should be used as a general guide to the user. Any unauthorised use of this product not covered in the written guidelines, Polisan Kansai Paint will not be held legally responsible.
It is always the responsibility of the user to take all necessary precautions regarding specific requirements of the law set out in local and national legislation. Follow the rules of the safety information provided in the Safety Data Sheet regarding operating procedure of the product, protective equipment, storage, fire and first aid etc. Conditions regarding the use of this product after its end date has no warranty. We can not accept responsibility for products past their expiry date. Responsibility can not be accepted.

Please contact the Technical Service department for more detailed information about the product.