

KISEKI

奇跡



Manufactured by :

Maharani Innovative Paints Pvt Ltd

KISOXY FINISH

SCOPE

This paint is a two component amine cured epoxy coating. It is a high performance product. It is easy to apply leaving a smooth surface. It has an excellent chemical, abrasion & impact resistance.

USES

To be used in all kinds of atmospheric environments. Designed for a wide range of segment with various levels of mechanical and chemical exposures recommended for structural steel, Pipelines, Storage tank, chemical Plant, Gas Plant, Oil Refineries, Power Plant and wide range of Industrial structures.

FEATURES/ BENEFITS

- ▶ High impact resistance & excellent adhesion.
- ▶ High chemical resistance.
- ▶ Smooth flow and easy to apply.
- ▶ Excellent coverage and hiding.
- ▶ Superior corrosion protection.

KEY ATTRIBUTES

- ▶ Application Temperatures : 10-45 degc
- ▶ Clean up : Warm Soapy Water
- ▶ Note : Allow 30 days curing before washing.

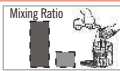


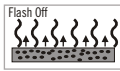


PERFORMANCE PROPERTY

Chemical Resistance

Exposures	Splash & Spillage	Mild Fumes/Outdoor Resistance
Acid	++	+++
Alkalis	++	+++
Solvent	+++	+++
Salt	+++	+++
Water	++	+++
Temperature Resistance		
Continuous	95°C	
Cyclic	125°C	
Weather ability : Good in combination with a suitable anti corrosive primer.		
Flexibility	++	
Adhesion	+++	

Excellent	:	+++
Very Good	:	++
Good	:	+

PRODUCT PARAMETERS

1. Type : Two pack system cured with Amine
2. Composition : Catalysed Epoxy resin with high performance Anticorrosive Pigments.
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 3. Mixing Ratio :
Base: Catalyst - 3:1 by volume
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 4. Maturation Time : 15-20 min.
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 5. Application Tools : Brushing, Spraying or Roller
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 6. Flash off : 30 Minutes
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 7. Drying Time -
Surface Dry : 3-4 Hours
Hard Dry : Overnight
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 8. Pot Life : 4-6 hours
9. Recommended DFT : 50-60 micron per coat
10. Curing Time: 7 days (Full cure)
11. Over coating Interval :
MIN: Overnight
MAX: 4 Days
12. Color : Assorted Shades
13. Finish : Glossy, Shine & Matt
14. Thinner/Cleaner : KISOXY THINNER
15. Shelf Life: Up to 12 Months as long as the sealed containers are kept under cover in a dry place under normal temperature.

SYSTEM SELECTION GUIDE

Surface	Steel	Steel	Concrete
1 st Coat	Kisoxy ZP Primer	Kisoxy Zinc Rich Primer	Kisoxy ZP Primer
2 nd Coat	Kisoxy Finish	Kisoxy Finish	Kisoxy Finish
3 rd Coat	Kisoxy Finish	Kisoxy Finish	Kisoxy Finish

SURFACE PREPARATION

Steel : Remove grease, oil other contaminants preferably by using Kisoxy Thinner. Blast clean to a minimum of SA 2 ½ . For severe corrosive condition, blast to SA 3 with a surface profile not exceeding 35-40 micron.

If blasting is not proper then use mechanical tools like wire brushing to chip of manually. Excessive burnishing of steel to be avoided. Thoroughly dust down all surface.

The surface should be clean and dry before application of coat.

APPLICATION

Stir the base thoroughly and then mix three parts base and one part catalyst by volume to uniform consistency.

Allow the mixture to mature for 15-20 min and stir again before application and during use.

BRUSH

Add upto 5% Kisoxy Thinner if required during application.

CONVENTIONAL SPRAY

Add upto 15-30% Kisoxy Thinner depending on spray conditions. Use any standard pressure spray equipment at an atomizing pressure of 3.5-4.5 kg/cm².

AIRLESS SPRAY

Apply preferably without thinning. However up to 5% Kisoxy Thinner may be added if absolutely essential, depending on condition.

NOTES

1. Use the mixed paint within the specified pot life.
2. Do not apply when temperature falls below 10°C or rises above 50°C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.
3. Brushes and spray equipment should be cleaned with Kisoxy Thinner, other equipment is likely to be damaged.
4. Special care to be taken to close immediately the partly used catalyst container.

HEALTH & SAFETY

Please refer to the separate Material Safety Data Sheet available with detailed information.

Disclaimer: The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The Company will not be liable for loss or damage howsoever caused including liability for negligence, which may be suffered by the user of the data contained herein. It is the users responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. NO guarantee of results are implied since condition of use are beyond our control.

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