

428 NOVOLAC EPOXY

DESCRIPTION:

K428 Novolac Epoxy is a two component Epoxy Novolac coating. It is design to provide maximum corrosion resistance against most aggressive chemicals in a extreme service conditions. The solvent free epoxy novolac it is suitable to be applied on steel and concrete surfaces.

RECOMMENDED USES:

K428 Novolac Epoxy design to provide maximum corrosion protection against concentrated chemicals such as acid, solvents and other aggressive chemicals. The product is ideal to be use as protective coating layer for concrete and other steel structures at chemical plants.

ADVANTAGES:

- Durable – tough and impermeable with excellent resistance against abrasion and impact.
- High Build
- Excellent chemical resistant against a various corrosive chemicals.

PHYSICAL DATA:

Volume Soild	100%
No Of Components	2
Mixing Ratio	2 Kg of part A to 0.5 Kg of part B by weight
Theoretical Coverage	1.6 m ² /kg @ 500 microns DFT
No Of Coats Recommended Coats	One or Two
Packing Ratio	2.5 Kg
Colour Availability	Red and Grey
Pot Life	20 min (as a guide only)
Recommended Thickness	250 to 500 microns
Dry Heat Resistance	Continuous 120 °C

CHEMICAL RESISTANCE GUIDE:

Exposure	Splash and Spillage	Fumes
Acid	Excellent	Excellent
Alkali	Excellent	Excellent
Solvent	Excellent	Excellent
Solvent	Excellent	Excellent
Salt Water	Excellent	Excellent
Water	Excellent	Excellent

APPLICATION INSTRUCTIONS:

SURFACE PREPARATION : Surface to coat must be thoroughly cleaned and degreased to ensure that oil. Grease and other surface contaminants are removed.

STEEL : For maximum protection dry abrasive cleaned to Sa2½ (ISO 8501-1:1988) or SSPC-SP10 with blast profile of 50 to 75 microns.

CONCRETE : New concrete shall be allow to cure for 28 days before application of **Khemix 428 Novolac Epoxy**. The concrete surfaces especially floor shall be cleaned by blasting or grinding to ensure good adhesion.



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MIXING : Stir Part A and Part B thoroughly in their own container with power mixer, then pour Part B into Part A. Do not over mix than required quantity.

APPLICATION METHOD : By roller, brushes and spraying equipment.

APPLICATION CONDITION : The material should preferably be applied at temperature in excess of 10°C. In condition of high relative humidity ie 90-85%, good ventilation conditions are essential. Substrate temperature should be at least 3°C above the dew point.

The maximum air and substrate temperature for application is 40°C providing conditions allow satisfactory application and film formation.

CLEANING : All application tools and equipment shall be cleaned immediately after use using Thinner No 5.

