REDOPOXY 250

Epoxy Zinc Phosphate Red Oxide Rapid Recoat Primer

Description:
REDOPOXY 250 is a Two component Amine cured anti corrosive primer containing Zinc Phosphate and natural Red Oxide as corrosion inhibiting pigments.

Uses:

- Used as undercoat on M.S. and concrete surface in diverse areas
- Use in Industries and maintenance projects
- Recommended for General & Heavy Fabrication industries, OEM components, Chemical and Pharmaceutical Industries, MS structures, PEBs

Advantages/Characteristics:

- Ideal to be use in variety of applications
- Fast drying and abrasion resistance qualities

Company Standard Compliance:

Technical information:

Properties	Specification
Color	Red
Finish	Matt
Volume Solids (ASTM D 2697)	45 ± 2%
Recommended DFT	35 -50µ in single coat
Wet Film Thickness	75-110µ in single coat
Specific Gravity	1.50 ± 0.05
Surface Dry	30 min

- The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances.
- The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, temperature etc.
- The information provided above is at 30°C and 65% relative humidity.

Direction of use:
SURFACE PREPARATION:

- All surfaces to be coated should be clean, absolutely dry and oil or moisture free before painting application. Oil and grease should be removed by solvent cleaning.

Repair Cases :

- Corroded areas should be power tool cleaned to St3 or blast cleaned to Sa2 or better. Existing system should be dry and free from loose paint, salt, grease and other contaminants prior to overcoating.

New steel :

- Abrasive blasting to Sa 2½ (ISO 8501-1:2007). For temporary protection, if required, use a suitable shopprimer. All damage of shopprimer and

contamination from storage and fabrication should be thoroughly cleaned prior to final painting.

Maintenance :

- Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Clean damaged areas thoroughly by power tool cleaning to St 3(ISO 8501-1:2007) (minor areas) or by abrasive blasting to min. Sa 2, preferably to Sa 2½ (ISO 8501-1:2007). Improved surface preparation will improve the performance of the product.

Stainless steel :

- To be abrasive blast cleaned to a uniform, sharp, dense profile (ISO Comparator Medium (G), corresponding to Rz minimum 50 micron. Any salts, grease, oil, etc. to be removed before abrasive blasting is commenced.

Application Data :
Application Method: Spray/ Airless Spray/Brush/ Roller
Mixing Ratio: 4 Part (Base) : 1 Part (Hardener)
Pot Life: 3 Hours at 30°C
Thinner and Cleaner: Epoxy Thinner
Airless Nozzle: 0.38 - 0.53mm
Orifice Nozzle Pressure: 155 kg/cm² or 2200 psi

Working Precautions:
Material should not be allowed to remain in pipeline, hoses, gun or spray equipment. Thoroughly flush all equipment with epoxy thinner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages, the work should recommences with freshly mixed units.

Maintenance:
Clean all equipment immediately after use with epoxy thinner. It is good working practice to periodically flush out spray equipment during the course of the working day. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

Coverage:
REDOPOXY 250 will give coverage of 11.25 sq.mt / lit at recommended DFT of 40µ.

Packaging:
It is supplied in 20 lit set (16 lit base & 4 lit hardener).

Storage & Shelf-life:
2 year from the date of manufacturing. This is solvent based coating and the containers should be kept in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed.

Health & Safety:
This is solvent based product and should be use under well ventilated conditions. Do not inhale spray mist. Skin contact should be avoided. In case of spillage on the skin, it should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water.

Indian Green Building Council

It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.

CERTIFIED COMPANY ISO 45001:2018

ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.

CERTIFIED COMPANY ISO 9001:2015

ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations,Demonstrate commitment to quality, and Identify and improve processes that lack consistency.

CERTIFIED COMPANY ISO 14001:2015

ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance

GEV-EMICODE Ec1 PLUS Very low emission

This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.

GREEN INNOVATION

Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

CERTIFIED COMPANY ISO/IEC 17025:2017

ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.

Redwop INNOVATING FOR A BETTER WORLD
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