

REDOPOXY 230

Epoxy Sealer
(Clear Primer)



Description:

REDOPOXY 230 Clear Epoxy Primer is a high performance two component sealer ideal for use on carbon fiber, carbon steel, composites and wood substrates. The product provides a good build coat and may be recoated with polyurethane clears where UV protection is required.

Uses:

- For use on properly prepared surfaces in both new construction and as an maintenance sealer in wide range of applications.
- Use in metal coatings & composites, electronic components (e.g, chips on board, led, insulator etc.), Fiber- reinforced plastic materials and adhesive for structure.

Advantages/Characteristic:

- Excellent adhesion & penetrating properties.
- Good abrasion resistance which minimizes mechanical damage in heavy use, specially to wooden material.
- High level of mechanical strength & chemical resistance
- Outstanding toughness & flexibility.

Company Standard Compliance:



Technical Information:

Properties	Description
Color	Clear (Transperant)

Finish	Glossy (75-85 GU 60 ° angle)
Volume Solids (ASTM D 2697)	45 ± 2%
Recommended DFT	35 -50µ in single coat
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Wet Film Thickness	65-110µ in single coat
Specific Gravity	0.98 ± 0.05
Surface Dry	120 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 foe 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.

Wood & Composites :

- To be sanded by power grinding or emery paper to a uniform, sharp, smooth profile. Any dirt, grease, oil, etc. to be removed before application is commenced.

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.

Application Data:

Application Method: Spray/ Airless Spray/Brush/ Roller

Mixing Ratio: 4 Part (Base) : 1 Part (Hardener)

Pot Life: 5 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 Precaution:

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 recommence 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 230 will give coverage of 11.25 sq.mt / lit at recommended DFT of 40µ.

Packaging:

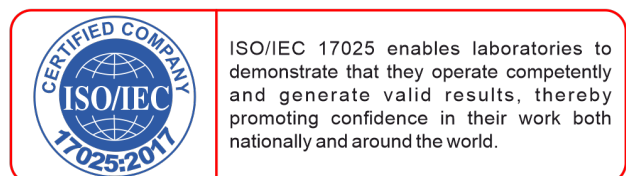
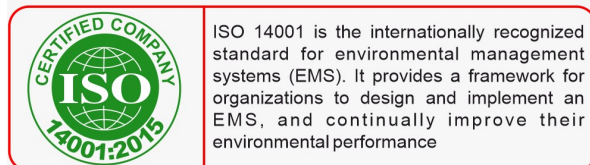
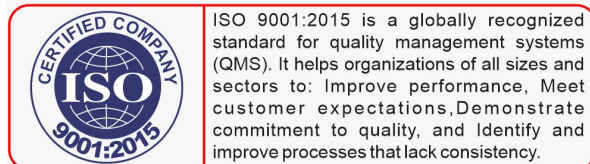
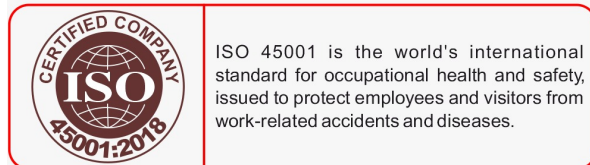
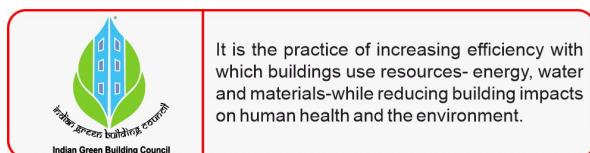
It is supplied in 20 lit set (16 lit base & 4 lit hardener).

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 product is for professional use only. The applicators should be trained, experienced and have the capability and equipment to mix and apply the coatings correctly as instructed. Applicators should use appropriate protection equipment when using this product. 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.



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