



REDOPOXY PRIMER 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.

Benefits

- 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

Application Area

- 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.

Technical Information

PROPERTIES	RESULTS
Color	Clear (Transparent)
Finish	Glossy (75-85 GU 60 ° angle)
Volume Solids (ASTM D 2697)	45 ± 2%
Recommended DFT	35 -50μ in single coat
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 For 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	Five Hours at 30°C
Thinner and Cleaner	Epoxy Thinner
Airless Nozzle	0.38 - 0.53mm
Orifice Nozzle Pressure	155 kg/cm ² 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 230 will give coverage of 11.25 sq.mt / lit at recommended DFT of 40μ

Supply

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

Self-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.

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