

## Technical Data Sheet

# Indopoxy 230

## Epoxy Sealer (Clear Primer)

### Product Description

Indopoxy 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.

### Recommended Use

It is recommended For use on properly prepared surfaces in both new construction and as an maintenance sealer in wide range of applications. It has excellent penetrating properties and is designed as a sealer coat for wood or concrete surfaces.

Indopoxy 230 provides good abrasion resistance which minimises mechanical damage in heavy use, specially to wooden material.

### Physical Data

Colour	: Clear (Transparent)
Finish	: Glossy (75-85 GU 60 ° angle)
Soild by Volume	: 45 ± 2%
Supply Weight (Kg/ Ltr)	: 0.98±0.05
Flash Point	: 25° C
Dry Heat Resistance	: Intermittent : 140°C, Continuous: 120°C
Shelf Life	: 12 months

### Film Thickness

#### Recommended film thickness per coat

Dry Film Thickness	: 30-50μ in single coat
Wet Film Thickness	: 65-110μ in single coat
Therotical Coverage Rate	: 11.50 sq.mt / lit at recommended DFT of 40μ

### 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). All uneven surface and contamination from handling/storage etc 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	: Indopoxy Epoxy Thinner (IK.1501)
Airless Nozzle Orifice	: 0.38 - 0.53mm
Nozzle Pressure	: 155 kg/cm <sup>2</sup> or 2200 psi

**Working Precautions:** Material should not be allowed to remain in pipeline, hoses, gun or spray equipment. Thoroughly flush all equipment with IK.1702 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 IK.1702 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.

## Drying Characteristics

Surface Dry	: 120 mins
Touch Dry (to Handle)	: 6 Hours
Hard Dry	: 24 Hours
Overcoating Interval	: Minimum 6 Hours

Drying and curing times are determined at 30°C under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product.

## Compatibility

Previous Coating	: Epoxy
Subsequent Coating	: Epoxy, Polyurethanes

## Storage

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.

## Precaution

This product is for professional use only. The paint 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.

### Limitation of Liability

This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. Our products are often used under conditions beyond INDOKOTE's control. INDOKOTE cannot guarantee anything but the quality of the product itself. No liabilities can be derived from this fact for individual cases. This issue replaces all previous versions – Printed in India.

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