

## **TECHNICAL DATASHEET**

# **EPOXY CLEAR PRIMER SOLVENT FREE**

### **PRODUCT DESCRIPTION**

High performance self-leveling clear primer with excellent sealing properties and outstanding chemical and abrasion resistance.

It is especially designed for aggressive environments and heavy traffic areas.

### **PRODUCT BENEFITS**

- 1- Non-toxic after drying, free of lead, solvent and hazardous air pollutants.
- 2- Excellent hardness
- 3- Good thermal stability
- 4- Excellent chemical and mechanical resistance
- 5- Impermeable to water and other liquids
- 6- Excellent sealing properties
- 7- Excellent intercoat adhesion

### **RECOMMENDED USES**

On concrete and metal surfaces in areas where chemical and mechanical resistance are required such as pavements, parking areas, heavy traffic areas, warehouses, industrial plants, petroleum refineries and water purification plants.

### **PHYSICAL AND CHEMICAL PROPERTIES**

#### **Physical Properties**

Technology	Epoxy
Physical State	Viscous Liquid
Appearance	Comp. A thixotropic liquid

	Comp. B Amber Liquid
	Two Components- require mixing
	Mixing ratio: 1:1 Base/catalyst
Pot Life	4-6 hours
Color	Clear

**Temperature @ 25° C**  
**Relative Humidity 50%**

Component A

Specific Gravity, ISO 2811	1±0.05% g/cm <sup>3</sup>
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Component A+B

Drying Time, ASTM D 5895	1-2 Hours to touch.
Wet Film Thickness, ISO 2808	100-200 µm per coat
Dry Film Thickness, ISO 2808	60-120 µm per coat
Recoat Time	4-6 hours
Coverage	70-75 m <sup>2</sup> per pail

Sag Resistance, ASTM D 3730	Excellent
Leveling, ASTM D 2801	Excellent
Scratching Resistance, ASTM D3002, D 3359	Excellent
Hardness	Excellent

**Chemical Properties**

Component A

% Solids by Weight	60±2%
% Solids by Volume	60±2%

**SURFACE PREPARATION**

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

All deteriorated previous coatings should be removed.

Steel Surfaces to be immersed should be sand blasted to give a rough profile grading.

Bare concrete surfaces must be pre-treated with an acid-etching solution to neutralize the surface.

Holes and cracks can be filled and repaired with Epoxy Putt

## **MIXING/ APPLYING**

Mix phase (A) with phase (B) with a mixing ratio of 1:1 base/catalyst  
Keep the mixing react about 10- 15 min before application.

Apply one coat on the substrate.

Tools: brush, Roller, Spray

Clean tools and equipment with solvent immediately after use.

## **PACKING**

In cylindrical tin containers of the following capacities:

- 1 US gallon = 3.78 L.
- 1Pail (5 U.S.G.) = 20L

Each container is supplied with its appropriate pack of hardener.

## **STORAGE**

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.