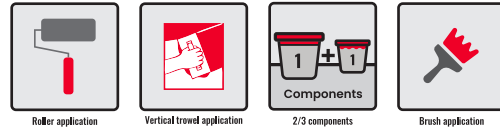


# SAMCOAT® EP

## EPOXY COATING



### DESCRIPTION:

- SAMCOAT® EP is an epoxy resin-based chemical and abrasion-resistant coating product available in two liquid components as SAMCOAT® EP Part I and Part II.

### ADVANTAGES:

- Provides excellent chemical-resistance to a wide range of industrial chemicals and gases.
- Coating film is hard but flexible with excellent adhesion to all types of metal and cement-based surfaces.
- Coating film can be modified to be non-slip.
- Coating film is hard wearing, hygienic and yet attractive in cosmetic finish.
- Provides dust-free and jointless coatings.
- Can be used as a sealer on heavy duty epoxy screeds, provided epoxy screed is at least three days old.

Properties	at 20°C	at 35°C
Curing time	4-6 hr	8 hrs
Time between coats	4-6 hrs	2-4 hrs
Initial hardness	24 hrs	3-5 hrs
Full curing	7 days	5 days

### CHEMICAL RESISTANCE:

- **Acids:** Hydrochloric 50%, Nitric 25%, Sulphuric 50%, Phosphoric 50%, Acetic 10%, Lactic 10%, Citric 10%
- **Alkali:** Sodium hydroxide 50%, Ammonia (880) 10%
- **Solvents:** Petrol, Oil, Kerosene, Butanol
- **Other solvent:** Bleach (cons.), saturated Sugar, Urea

## METHOD OF USE:

- Stir SAMCOAT® EP Part I & II individually to ensure no solids settle at bottom of containers.
- Pour SAMCOAT® EP Part II into SAMCOAT® EP Part I and stir gently.
- Apply the prepared mix on the substrate surface with a standard paint-brush to get a dry film thickness of around 100 microns or as required.

## RECOMMENDED APPLICATIONS:

- Steel structures, leg supports and structural framework exposed to corrosive atmosphere
- Pipelines, ducts, pipe racks etc. to provide protection against corrosive atmosphere
- Structural members (like beams, columns), RCC working platforms, machinery foundations etc. exposed to corrosive atmosphere.

## PRODUCT DATA:

<b>Form</b>	Part I: Liquid Part II: Liquid
<b>Specific gravity</b>	1.2 at 25°C
<b>Colour</b>	Grey, golden yellow, green, clear, off-white
<b>Smell</b>	Mild
<b>Coverage / Consumption</b>	4 sq. m per kg per coat
<b>Pot life</b>	90 minutes at 30°C
<b>Volume solid:</b>	45% (mixed material)
<b>Shelf life</b>	Use gloves, protective clothing & goggles.
<b>Safety</b>	1 kg x 12 packs
<b>Packing</b>	30-kg (Part I: 22.2-kg + Part II: 7.8-kg)

### CONSULT OUR PRODUCT APPLICATION DEPARTMENT (PAD) IN CASE OF ANY DIFFICULTY OR FOR TECHNICAL ASSISTANCE

SAMROCK products are guaranteed for the performance of material and manufacture.  
The details given here are based on our laboratory and field observations and as such as construed to be reliable. But we shall not accept responsibility for any work carried out with our material as we do not have control over other ingredients, workmanship and field conditions. This data sheet is subject to change in view of constant research and development being undertaken in our laboratories. Customers are advised to contact SAMROCK for the latest version.

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