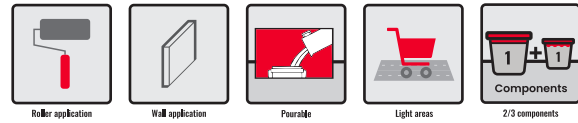


SAMFLOR® EP EPOXY FLOOR COATING



DESCRIPTION:

- SAMFLOR® EP is an epoxy resin based chemical resistant coating available in two liquid components as SAMFLOR® 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 coating.
- Can be used as a sealer coat on heavy duty epoxy floor screeds, provided epoxy screed is at least three days old.

PROPERTIES:

	at 20°C	at 20°C
Cure time	4-6 hrs	4-6 hrs
Time between coats	4-6 hrs	4-6 hrs
Initial hardness	24 hrs	24 hrs
Full cure	7 days	7 days

CHEMICAL RESISTANCE:

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

PRODUCT DATA:

Form	Part I: Liquid Part II: Liquid
Specific gravity	1.2 at 25°C
Colour	Grey, Golden Yellow, Green Clear, Off-White
Smell	Mild
Coverage / Consumption	4 sq. m. per kg per coat
Pot Life	90 minutes at 30°C
Ratio	Part I: 3.7 kgs Part II: 1.3 kgs
Volume (solid)	45% (mixed material)
Shelf life	6-8 months at 25°C
Safety	Use gloves protective clothing goggles
Packing	5 kg & 1 kg tin packing

METHOD OF USE:

- Stir SAMFLOR® EP Part I & II individually to ensure that no solids settle at bottom of packing containers
- Pour SAMFLOR® EP Part II into SAMFLOR® 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
- For under plate grouting, the gap between the perimeter form work and the plate edge should not exceed 150 mm on the pouring side and 50 mm on the opposite side.

RECOMMENDED APPLICATIONS:

- Production assembly areas, workshops, dairies, soft drinks production, bottling plant, breweries, kitchens, showrooms
- Hospital, hotel and studio floors
- Pharmaceuticals and chemicals factory working floors
- Computer room floor
- Air craft hanger areas

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.

SAMROCK CHEMICALS (i) LTD.

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