



## EP TOPCOTE

High performance epoxy resin floor coating

### Description

EP TOPCOTE is a two component solvent based, epoxy resin coating system supplied in pre-weighed packs ready for on-site. The cured film forms a hard but flexible coating with excellent adhesion to clean concrete, sand/cement and granolithic screeds, and certain metal surfaces. It cures to a semi-gloss, impervious finish which is easily cleaned. The product is available in a range of standard colors and is also available in a clear grade.

### Uses

- Production assembly areas
- Workshops
- Dairies
- Soft drinks production and bottling plants
- Kitchens, showrooms etc.
- Plating shops, processing plants, dye works etc.

### Advantages

- Hard wearing & durable surface
- Low maintenance costs
- High resistance to a wide range of industrial chemicals
- Impervious finish provides easily cleaned surface
- Available in a range of colors to improve the working environment

### Limitation

- EP TOPCOTE should not be applied onto surfaces known to or are likely to suffer from rising dampness or have a relative humidity greater than 75%.
- EP TOPCOTE should not be applied to asphalt floors or PVC tiles or sheet. Should not be applied temperature below 5°C.

## Technical Information

Properties	Results
Mixed appearance	Colorless liquid
Tack free time	2 to 4 hours @ 35°C
Full cure	5 days @ 35°C
Time between coats	4 to 16 hours @ 35°C
Resistance to chemicals	Yes

## Method of Application

- The substrate surface must be free from oil, grease or any loosely adherent material. If the concrete surface is defective or has laitance, it must be cut back to a sound base.
- New concrete should have been placed for at least 28 days and have a moisture content of less than 5%.
- Steel substrates should be grit blasted to surface quality SA 2½ (BS 4232: Second Quality) and primed with a single coat of Primer Sealer.
- The base and hardener components of EP TOPCOTE should be thoroughly stirred before the two are mixed together. The entire contents of the hardener container should be poured into the base container and the two materials mixed thoroughly, then add the colour pot and mix for at least 3 minutes.
- Do not add solvent thinners at any time.
- The mixed EP TOPCOTE should be applied to the prepared surface using airless spray, brush or lamb's wool roller. Ensure that the area is completely coated and 'ponding' of the material does not occur.
- The second coat may be applied as soon as the first coat has initially dried (typically 12 to 18 hours)

## Coverage

- EP TOPCOTE: 10 m<sup>2</sup> /kg @ 100 microns wft per coat (2 coat application recommended).

## Packaging

- EP TOPCOTE is supplied in 1 kg, 5 kg, 10 kg & 20 kg set.

## Storage

- Minimum of 12 months shelf-life if kept under room temperature (i.e. 27°C).

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