

## TECHNICAL DATASHEET

# ASCOPOXY DPC

Two Part, High Performance Damp-proof Epoxy Coating



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## PRODUCT INTRODUCTION

**ASCOPOXY DPC** is a two-component epoxy coating formulated from high-grade epoxy resins and curing agents especially for tank linings in contact with water, food or beverages. It is solvent free and non-toxic when fully cured. It has an advantage of dilution with water for applications on concrete or cementitious surface. It hardens to an abrasive resistance coating with excellent adhesive strength on properly prepared substrates such as concrete and steel.

VERSION : 1 ( JAN : 2023 )

## KEY FEATURES

- 1) Dilutable with water thus high in coverage
- 2) Reduces water permeability
- 3) Suitable for properly prepared concrete substrates
- 4) Specifically formulated for potable water reservoir
- 5) Excellent resistance to salt water, alkalis and mild acids
- 6) Can be directly applied over damp concrete or plaster and thus provides excellent water resistant coating
- 7) Doesn't require curing

## RECOMMENDED APPLICATIONS

**ASCOPOXY DPC** is applied wherever high strength to mechanical loads and resistance to chemical effects is required. It is ideally combined with special tiles for residential & industrial use. It is suitable for Inside/Outside Floors & Walls, Kitchens, Bathrooms, Restaurants, Malls/Breweries, Dairies, Laboratories, Swimming Pools, Hospitals, and in other sectors of food or chemical industries etc.

## TECHNICAL PROPERTIES (Compiles to IS 101-6, Sec -3, 1960, IS 13239-1991, US FDA 175 .300)

<b>Appearance</b>	Part A - Resin Part B - Hardener
<b>Colours</b>	Transparent , White , Blue
<b>Mixing Ratio</b>	Resin : Hardener : Water (1:1:1)
<b>Permeability</b>	Impermeable
<b>Pot Life</b>	3 ± 1 Hours
<b>Drying Time</b>	5 ± 1 Hours
<b>Bonding Strength</b>	≥ 2.0 N/mm <sup>2</sup>
<b>Recommended Coats</b>	2 - 3
<b>DFT</b>	100 ± 10 Micron ( White/Blue ) 50 ± 10 Micron ( Transparent )

*The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.*

## APPLICATION METHODS:

### 1. Surface Preparation

The joints of tiles must be clean, dry, sound & free of all contamination such as dirt, oil, grease & coatings etc. which hinder an adhesion.

### 2. Mixing

Take in equal proportion of Base, Hardener and water (1:1:1) for coating. Mix it thoroughly. Mix to get a uniform consistency.

### 3. Precaution

- a) Do not apply on dusty substrates Do not over dilute with water.
- b) Do not apply on surfaces subject to capillary action rising damp.

### 4. Application Method

**ASCOPOXY DPC** can be applied by brush, roller or spray  
Brush: Use a stiff nylon medium bristle brush.

Roller: Use a 3/8" phenolic core roller

Spray: Conventional spray / Airless Spray

### 5. Curing

Optimum performance level is reached after 48 hours of curing.

### 6. COVERAGE

70 - 80 ft<sup>2</sup> / Coat / Kg

### 7. CLEANING

Clean skin with soap and water. Tools & equipment should be cleaned with water or thinners.

## 8. SAFETY GUIDELINE

- i. Use protective items while using **ASCOPOXY DPC**.
- ii. If come in contact with eyes, immediately wash eyes with plenty of water and seek medical advice.

(Safety Data Sheets are available through company representative or ASCOLITE's website)

## 9. PACKAGING

**ASCOPOXY DPC** is available in packages of 1 kg & 5 kg in pre-determined mixing proportion by weight. The container of component B is built in the container of component A.

## 10. SHELF LIFE

12 months from production date if stored in original, unopened packaging, in places protected from moisture, sun exposure and frost.

### DISCLAIMER:

*While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Users are recommended to conduct a product suitability test before it is used at full scale. In any case, the consumer alone is entirely liable for any consequences resulting from using the product. For the most up-to-date TDS, please visit our website at [www.ascolite.in](http://www.ascolite.in). Our company policy is one of ongoing R&D; therefore, we reserve the right to update this information without prior notice at any time.*