



## **DIMAPCHEM CT HS PRIMER**

### **HIGH BUILD (HS) COAL TAR EPOXY PRIMER**

#### **BENEFITS**

- Excellent Adhesion Properties
- Flexible
- Cost effective
- Can be easily applied.
- Reduces toxicity
- Excellent anti-corrosive properties.

#### **USES**

Chemical bonds, sewage treatment works, effluent plants, anticorrosive protection of steel work.

**DESCRIPTION** DIMAPCHEM CT HS PRIMER is based on low VOC Epoxy Resin combined with Coal Tar.

This Epoxy Resin is free from pitch and hence represents a low hazard during use. i.e. **DIMAPCHEM CT HS PRIMER** is much more user friendly than conventional Pitch Epoxy Coatings. **DIMAPCHEM CT HS PRIMER** is supplied as a two pack material in pre weighed quantities ready for mixing and use.

**TYPICAL PROPERTIES** Color : Black

<b>Hardener</b>	:20%
<b>Chemistry</b>	:Epoxy
<b>Pot Life</b>	: 60minutes at25°C
<b>Tack Free Time</b>	: 16hoursat25°C
<b>Hard Dry Time</b>	: 24hoursat25°C
<b>Full Cure Time</b>	: 14days at25°C
<b>VOLUME SOLIDS</b>	: 87% ± 2%

**Chemical Resistance** : Excellent resistance to long term immersion in the following : 25% hydrochloric acid, 50% sulphuric acid, 10% nitric acid, 25% sodium hydroxide, petrol.

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## INSTRUCTION FOR APPLICATION

- 1. Surface Preparation :** All surfaces to be treated with **SAFCORE CT HS PRIMER** should be sound, clean and free from dust, dirt grease and other contaminants.
- A) Concrete Substrates :** New concrete shall be allowed to cure for a minimum of 21 days. Laitance shall be removed, preferably by grit blasting. Any honeycombing, blow holes etc. Shall be filled using **DIMAPCHEM SCREED VF** pores concrete.
- B) Steel Substrates :** Steel structures should be free from Rust. Old structures should be sandblasted.

**Mixing :** The entire contents of the Base container should be emptied into that containing the Hardner component, and both the materials mixed thoroughly to achieve uniform consistency.

Mechanical mixing is preferred e.g. low speed electric drill with paddle attachment.

**Application :** Apply **VERL@C CT HS PRIMER** by brush or roller. Following overnight cure a second coat may be applied.

For spray application airless nozzle :0.028/0.030

pressure at nozzle :3000psi

Recommended Machine type Graco X70

brush and roller can be used

## PACKING&COVERAGE

U.S Gallon / Pail.

A 1 kg will be sufficient to coat 5 to 6m<sup>2</sup> with the recommended thickness minimum of 100-200microns.

## SHELFLIFE&STORAGE

**DIMAPCHEM CT HS PRIMER** will have a shelf life of **12 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

## LIMITATIONS

Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures below 5°C. **Preparation :**

Thinning

:5/15% Verlasol EP

Hardener EP-HS 20%

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### **HEALTH & SAFETY :**

Avoid contact with skin and eyes by use of suitable protective clothing and goggles. All splashes to the skin should be immediately washed off with soap and water. If contact with the eyes occur, then irrigate with copious quantities of clean water, and seek medical advice.

### **QUALITY ASSURANCE :**

DIMAPCHEM SARL manufactures entire range of construction chemicals Protective coatings , wood coatings ,decorative paints ,water proofing systems

### **SERVICE :**

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem

### **Fields Of Application :**

Petrochemical Plants

,Chemical tanks ,Gas tanks ,underground application ,electric poles ,steel poles ,wooden poles ,wood basement structure ,public drain pipes ,household drain pipes and others .

The information given in this data sheet is based on both the current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of the continuing research and development being undertaken in our laboratories we advise customers in their own interest to ensure that this data sheet has not been supersede by a more up-to-date publication. All products are sold subjected to our standard conditions of sale which are available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local FAIRMATE representative.

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