



# Safecore ac modified

**SOLVENTED HIGH BUILD  
PROTECTIVE & DECORATIVE COATING  
FOR EXTERIOR SURFACES**

## **BENEFITS**

- Can be used steel, galvanized steel substrates & has excellent adhesion.
- Excellent protective properties.
- Excellent over coating characteristics.
- Available in different colors.
- Can be used for rebar - does not affect bonding of concrete with steel.
- Chemical resistant.

## **PRODUCT**

**DIMAPCHEM EP (S)** is a two pack, high build, solvent epoxy coating for, steel structures to provide protection from weathering abrasion and corrosion. It provides a durable coating suitable for application to both vertical & horizontal surfaces.

## **USES**

**DIMAPCHEM EP (S)** is used to protect Exterior surfaces and for enhanced resistance to oil, grease, water penetration, abrasion and chemical attack.

## **PROPERTIES**

**Colors** : Blue, Grey, Red, Green (Special colors on order)

**Pot Life At 25°C** : 7 hours, **Curing At 25°C**: 1.5 hours **Touch Dry** : 1 hours **Full Cure** : 7 days

**Temperature Range** : During application, 5°C to 45°C

**In Service** : Max. 60°C,

**DFT** : 175 micron/two coats.

**Thinning** : Verlasol EP 10/25%

DEKWANEH-ROUND POINT  
AL HAYEK -38 CENTRE  
HAYEK – 1RST FLOOR  
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## APPLICATION

**Surface Preparation: Steel Surfaces:** Oil contaminated surfaces should be thoroughly cleaned with a degreaser and sand blasted. Where this is not possible, minimal surface preparation of wire brushing should be done.

**Safecore ac modified can** be applied directly to steel surfaces.

**Priming:** Normally primer is not required. But after grit blasting / sand blasting, if there is any delay to erection, one coat of **DIMAPCHEM PRIMER** is advisable to prevent further flush rust.

**Mixing:** **DIMAPCHEM EP (S)** is supplied as ready to use in pre-weighed packs of resin and hardener for easy on site mixing. Pour the hardener into the resin can, mix well using a paddle attached to an electric drill, for 2-3 minutes until a uniform color is obtained.

**Application:** **DIMAPCHEM EP (S)** may be applied by brush or airless spray to give a continuous coating on the prepared surface. A second coat may be subsequently applied when first coat is dried. Preferably next day.

**Cleaning:** Tools and mixers should be cleaned with **DIMAPCHEM** solvent / Tool cleaner immediately after use.

## PACKING & COVERAGE

**Safecore ac modified** is supplied in 5 Kg pack will cover an area of approximately 12-14 m<sup>2</sup> for recommended two coats.

## SHELF LIFE & STORAGE

**Safecore ac modified** 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.

## HEALTH & SAFETY

Hand Gloves must be used. Goggles for overhead application to prevent contact with eye. Any splashes on skin should be washed with water and medical advice sought. In enclosed areas, good ventilation must be ensured, and smoking must be strictly prohibited while using **Safecore ac modified**

## SPECIFICATION

**Safecore ac modified** is a two pack, high build, solvented, epoxy coating for steel structures to provide protection from weathering and abrasion. 5 Kg pack will cover an area of approximately 12-14 sq.mt. for recommended two coats, in accordance with the instruction of FAIRMATE.

## TECHNICAL SERVICES

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.

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<b>Technical Summary For DIMAPCHEM EPS</b>	
<b>Chemistry</b>	
<i>Color</i>	White, Grey & (Special colors on order)
<i>gloss level</i>	Semi Gloss
<i>Volume Solids</i>	50% ± 2%
<i>typical thickness</i>	50 Micron dry Equivalent to 95 Microns Wet.
<i>theoretical coverage</i>	10 M2 / Liter at 50 Microns
<i>practical coverage</i>	Allow Appropriate Loss Factor
<i>Flash Point</i>	27 °C
<i>Specific Gravity</i>	1.53 Kg/l
<i>Thinner to use</i>	VERLASOL EP
<b>Application Method</b>	
<i>common application fields</i>	<b>General Steel</b>
<i>Application methods</i>	
<i>Number of Coats</i>	One Coats
<i>Recoating interval at 25°C</i>	4 - 6 Hours / Max 7 Days
<i>Thinning</i>	20%
<i>cleaner</i>	DIMAPCHEM Cleaning Thinner



<i>preparation of substrate</i>	For Iron SA 2.5
<i>Dry Time</i>	1 Hour Touch Dry, 3 - 5 Hours Hard
<i>Time to clean application equipment</i>	Immediately after use.
<i>Packaging</i>	1 Quart, U.S. Gallon & Pail
<i>storage</i>	Between 5°C and 45°C Degrees
<i>Shelve life storage</i>	12 Month
<i>Shipping weight not including pallets and boxes</i>	us gallon/---kg    imp gallon/---kg    pail of 5usg /---kg    pail 25litrs----kg

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 superseded by more up-to-date publication. All products are sold subject 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 DIMAPCHEM SARL – DIMAPCHEM representative.

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