



DATASHEET

DIMAPCHEM EP S

SOLVENTED HIGH BUILD
PROTECTIVE & DECORATIVE COATING FOR STEEL 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 steel 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%



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.

DIMAPCHEM EP (S) 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.

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ALL PRODUCTS EXAMINED BY GFC LAB-ITALY



PACKING & COVERAGE

DIMAPCHEM EP (S) is supplied in 5 Kg pack will cover an area of approximately 12-14 m² for recommended two coats.

SHELF LIFE & STORAGE

DIMAPCHEM EP (S) 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 **DIMAPCHEM EP (S)**.

SPECIFICATION

DIMAPCHEM EP (S) 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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Technical Summary For DIMAPCHEM EPS	
Chemistry	
<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
Application Method	
<i>common application fields</i>	General Steel
<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

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<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

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