



DIMAPCHEM- A K E Z P / F D Z I N C P H O S P H A T E P R I M E R

ALKYD/SYNTHETIC BASED ANTICORROSIVE PRIMER INHIBITOR
INDUSTRIAL USE PRIMER INHIBITOR (FD)

BENEFITS

- Excellent corrosion resistant.
- Excellent adhesion properties.
- Fast dry and recoat (FD).
- Excellent hiding quality.
- Excellent leveling properties.
- Economical.

PRODUCT

DIMAPCHEM- AKE ZINC PHOSPHATE PRIMER, A general purpose alkyd or Synthetic based primer loaded with anticorrosive zinc phosphate inhibitor for the protection of steel surfaces against good corrosive environments. It offers good leveling properties, coverage and adhesion on well treated steel substrate.

USE

DIMAPCHEM- AKE ZINC PHOSPHATE PRIMER, it is recommended for mild steel structure and surfaces in domestic and good corrosive environment. It has good hiding power that can hide minor surface imperfections or stains on surfaces specially for general in-house industry.

PROPERTIES

Color, dry film : BEIGE, RED, BLACK, GRAY

Finish : Smooth /Matt

Volume Solids, % : 54 ± 2 Specific Gravity : 1.38-1.48 ± 0.05

Theoretical spread : 8 – 11 m²/ltr Recommended DFT : 42 mic/coat

Recommended WFT : 100 mic/coat

FD Version : +/- 150hrs Salt Spray Test Resistant

DEKWANEH-ROUND POINT
AL HAYEK -38 CENTRE
HAYEK – 1ST FLOOR
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Drying time @25 °c affected by ambient temperature humidity, air movement, film thickness and number of coats

Touch to dry : 60 to 45 – FD 30 to 45 minutes

Dry to recoat : 6 to 8 hrs

Hard dry : 24h

APPLICATION

Steel Surfaces : Oil or contaminated surface should be thoroughly cleaned with a degreaser and surface grit or sand blasted. Where this not possible, with minimal surface preparation of wire brushing followed by acid etching and water jetting should be carried out.

Mixing :DIMAPCHEM- AKE ZINC PHOSPHATE PRIMER can be mixed with 10 to 15% VERLASOL SY Thinner.

Application :DIMAPCHEM- AKE ZP FD can be applied by brush/air gun 50 psi for atomizing / or airless spray 2200 to 2500 psi with tip size 0.019” to

0.021” to give a continuous coating on the prepared surface,asecondcoatingcanbeappliedafter24hours. **Typical Use** : Agriculture Equipment, Metallic Structure, Boiler Primer, Industrial Coach Work.

Cleaning :All tools and equipment must be cleaned with DIMAPCHEM- solvent / Tools cleaner immediately after use.

PACKING

Quart, U.S. Gallon, Pail (5 U.S. Gallon) and 55 U.S. Gallons (Barrel).

SHELFLIFE&STORAGE

DIMAPCHEM- AKE ZINC PHOSPHATE 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.

HEALTH &SAFETY

Gloves must be worn while handling based product, to prevent skin irritation.

QUALITYASSURANCE

DIMAPCHEM sarl manufactures entire range of construction chemicals ,wood coating ,decorative paint ,water proof systems.

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TECHNICALSERVICES

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.

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 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 DIMAPCHEM S.A.R.L. – DIMAPCHEM representative
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Technical Summary For DIMAPCHEM ZP**Chemistry**

<i>Color</i>	White, GREY ,BLACK .
<i>gloss level</i>	None
<i>Volume Solids</i>	54% ± 2%
<i>typical thickness</i>	50 ± 2% Micron dry Equivalent to 100 Microns Wet. without thinning
<i>theoretical coverage</i>	10 M2 / Liter at 50 Microns
<i>practical coverage</i>	Allow Appropriate Loss Factor
<i>Flash Point</i>	> 32 °C
<i>Specific Gravity</i>	1.5 Kg/l± 3%
<i>Thinner to use</i>	VRLASOL SY

**Application Method**

<i>common application fields</i>	General Steel, Wood & Concrete
<i>Application methods</i>	Airless/tip: .015"/.017", pressure at tip not less than 150 bar Conventional / (pressure pot): 1.4mm Nozzle / 4 Bars Brush Roller
<i>Number of Coats</i>	One or Two Coats
<i>recommended time interval between coats at 21°C</i>	30minutes for AKE ZP FD /// 90minutes or AKE ZP
<i>Thinning cleaner</i>	20% VERLASOL SY

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<i>preparation of substrate</i>	For Iron SA 2.5
<i>Dry Time</i>	0.5Hour Touch Dry, 4-5 Hours Hard for ZP FD /// 2hrs Touch Dry and 24Hrs Hard for ZP
<i>Time to clean application equipment</i>	60 Minutes Max for AKR ZP FD ///6hrs For AKE ZP
<i>Packaging</i>	1 Quart, U.S. Gallon & Pail
<i>storage</i>	Between 5°C and 45°C
<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
<i>Recommended System or AKE QD</i>	:Primer DIMAPCHEM ZP +top coat AKE

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