



## **DIMAPCHEM WATERGUARD PU LM PRIMER**

### **BENEFITS**

- Exceptionally good bond.
- Ensured good spreading
- Good mechanical strength.
- Simple to apply
- High levels of adhesion.
- to be used for primer before coating and screed.
- To penetrate porosity.

### **PRODUCT**

**DIMAPCHEM-WATERGUARD PRIMER** Is developed to give excellent base for water proofing system specially for water guard PU LM it gives the substrate excellent adhesion form for other water proofing layers specially when high level of thickness are needed for second and third coat .it is produced from well selected acrylic plasticized resins and different fillers to give a good bonding to the water proofing coat that will be applied

### **Application Fields**

**DIMAPCHEM-WATERGUARD Primer is an ideal solution for horizontal and vertical substrate as a good surface preparation to accept waterproofing second and third coat system like DIMAPCHEM WATERGUARD PU LM It maintain the flexibility of the waterproofing system and allow an intermediate adhesion layer between the concrete and the waterproofing coat later on**

### **USES**

To protect concrete floors, enhanced resistance, water penetration, vapor barrier ,light dust, abrasion

#### **Preparation :**

must be diluted with thinner Verlasol 100 at a applicator convenient not less

DEKWANEH-ROUND POINT  
AL HAYEK -38 CENTRE  
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than 30% ,mixed with Atex mixer paddle at 300/400rpm for 3 to 4 minutes than start the application by roll or by airless spray .

#### **Application:**

DIMAPCHEM WATERGUARD PU LM PRIMER can be applied with a cotton roller or by airless spray machine pressure 2500psi with nozzle of 0.027".a 150microns thickness per coat can be applied to ensure good adhesion of WATERGUARD PU LM 2 coats ,however the final thickness depends on the requirements of the substrate to ensure good efficiency at the limit of the technical possibility of the water proofing material to be used . The final consumption at mentioned thickness should be as based on lab test 5-6m2 /kg .

#### **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.

#### **SHELFLIFE&STORAGE**

DIMAPCHEM WATERGUARD PU LM 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.

#### **PACKING&COVERAGE**

U.S. GALLON 4 kg U.S. PAIL 20kg

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### Technical Summary For DIMAPCHEM WATERGUARD PU LM PRIMER

Chemistry	
<i>Color</i>	White, Grey & (Special colors on order)COLORLESS
<i>gloss level</i>	1/2matt to 1/2gloss
<i>typical thickness</i>	150microns
<i>theoretical coverage</i>	5-6m <sup>2</sup> /kg
<i>practical coverage</i>	Allow Appropriate Loss Factor 15-20%
<i>Flash Point</i>	27 °C
<i>USE</i>	WATER PROOFING SYSTEMS
Application Method	
<i>common application fields</i>	<b>Concrete</b>
<i>Thinning</i>	<b>30% at application convenient</b>
<i>Application methods</i>	Airless/tip: .021"/.027", pressure at tip not less than 175 bar Conventional / Brush cotton roller
<i>Number of Coats</i>	One Coats
<i>Recoating interval at 25°C</i>	24 Hours
<i>Thinning type</i>	Verlasol 100
<i>cleaner</i>	VERL@C Cleaning Thinner or Verlasol 100
<i>preparation of substrate</i>	Cleaned from grease and oil and very dry from water Well brushed to reach the sand paper roughness
<i>Dry Time</i>	3 Hours Touch Dry, 4 - 6 Hours Hard at 25C
<i>Time to clean application equipment</i>	Immediately after use.
<i>Packaging</i>	1 Quart, U.S. Gallon 4kg &U.S. Pail20kg
<i>storage</i>	Between 5°C and 45°C Degrees
<i>Shelve life storage</i>	
<i>Shipping weight not including pallets and boxes</i>	us gallon/---kg    imp gallon/---kg    pail of 5usg /---kg
recommended systems and compatibility	
DIMAPCHEM WATERGUARD PU LM PRIMER +DIMAPCHEM WATERGUARD PU LM TOP COAT	
<p>Note :the product may not provide the required efficiency if applied and wet concrete he surface must be very dry to apply the product properly</p>	

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 more up-to-date publication. All products are sold subjected to our standard conditionsofsalewhich are availableanrequest. Fieldservices.whereprovided.doesnotconstitutesupervisory responsibility

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