

**DIAMOND GUARD PRIMER WHITE****PRODUCT DESCRIPTION:**

A two pack epoxy primer, with good penetration properties, with white color. It has excellent adhesion, water and chemical resistance. The dried film has good sealing properties.

**RECOMMENDED USES**

- ❖ Primer for epoxy textured coating
- ❖ General purpose primer for epoxy system on concrete, masonry and wooden surface.

**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	White
<b>FINISH, DRY FILM</b>	Smooth / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	56 ± 2%
<b>SPECIFIC GRAVITY</b>	1.62 ± 0.05 (Mixed)
<b>THEORETICAL SPREADING</b>	14 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	40 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	70 Microns/Coat
<b>FLASH POINT</b>	25°C

**DRYING TIME**

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats All affect the drying time.)	
<b>TOUCH DRY</b>	5 – 6 hours
<b>DRY TO RECOAT</b>	12 - 36 hours
<b>FULLY CURED</b>	7 days

**ADVANTAGES**

<b>DIAMOND GUARD PRIMER WHITE</b>	Two pack Epoxy Primer with good pot life. Easy to apply and spread on various surfaces. Excellent adhesion, water and Chemical resistance and good opacity.
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**APPLICATION INSTRUCTION**

<b>SURFACE PREPARATION</b>	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Brush, Roller or Spray
<b>CLEANING/THINNING</b>	Diamond Epoxy Thinner
<b>THINNER (VOLUME)</b>	5 – 15% depending on method of applications
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 2200 psi
<b>NOZZLE SIZE</b>	0.015” – 0.018”
<b>MIXING RATIO (BY VOLUME)</b>	Base : Hardener 4 : 1 (Mix properly, keep 15 – 20 minutes before use)
<b>POT LIFE @ 30°C (100 ml)</b>	6 hours

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	<b>For cementations surface, walls, wood:</b>	
	Diamond Guard Primer White	: 1 coat
	Diamond Epoxy Filler (S.F.)	: 1 – 2 coats
	Diamond Guard Topcoat	: 2 coats
	(OR)	
Diamond Wall Rock System		

**DIAMOND/INTERDIAMOND TEST CERTIFICATES**

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	GC FID USEPA 24	Local Regulatory Requirements

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	18 months, in original sealed container, with proper storage conditions.
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Quality

**Diamond Paints**

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### **HEALTH & SAFETY**

<b>SAFETY PRECAUTION S</b>	<p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapors and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.</p> <p>This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations to be Followed.</p>
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### **STORAGE & HANDLING**

<b>STORAGE</b>	<p>Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.</p>
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**Limited Guarantee:** All Diamond Paints LLC products are guaranteed for best performance; however since Diamond Paints LLC does not control the final application of its products, nor the condition of the surfaces to which they are applied; a limited guarantee is provided. If the product does not perform as specified, Diamond Paints LLC liability will under no circumstances exceed replacement of the product.

**Disclaimer:** To the best of our knowledge the information provided herein is true and accurate at the date of issuance. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of anew data sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, priortouse of product.