



NATIONAL GUARD PRIMER WHITE

PRODUCT DESCRIPTION	A two pack epoxy primer, with good penetration properties, with white colour. It has excellent adhesion, water and chemical resistance. The dried film has good sealing properties.
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RECOMMENDED USES	<ul style="list-style-type: none"> - Primer for epoxy textured coating - General purpose primer for epoxy system on concrete, masonry and wooden surface.
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TECHNICAL DATA

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

DRYING TIME

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

ADVANTAGES

NATIONAL GUARD PRIMER WHITE	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

SURFACE PREPARATION	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

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

SYSTEM

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

NATIONAL/INTERNATIONAL TEST CERTIFICATES

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

ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	<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 vapours 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

STORAGE	<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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NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
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