



## NATIONAL SHIELD TEX PRIMER

<b>PRODUCT DESCRIPTION</b>	National Shield Tex Primer is a special acrylic emulsion based, light textured alkali resistant primer for textured coatings. It is a general – purpose primer for masonry applications to interior/exterior surfaces. It can hide surface imperfections and is suitable for old or new surfaces. It provides good coverage and excellent adhesion. It contains anti fungal and anti bacterial additives.
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<b>RECOMMENDED USES</b>	National Shield Tex Primer is used as an alkali resistant primer for texture coatings on interior/exterior surfaces of concrete, plaster, gypsum, asbestos, wood, etc. It provides a light textured finish, which hides minor surface imperfections, if any. It can be used as an economical textured primer for masonry applications. It can also be used for slightly chalky and porous surfaces also to get better adhesion for the high build textured topcoats.
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### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	As per National Shade card
<b>FINISH, DRY FILM</b>	Light texture / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	65 ± 2%
<b>SPECIFIC GRAVITY</b>	1.64 ± 0.05
<b>THEORETICAL SPREADING</b>	8.5 – 6.5 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	75 – 100 Microns / Coat
<b>RECOMMENDED WFT (WET FILM)</b>	115 – 155 Microns / Coat
<b>FLASH POINT</b>	Water Base

### 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>	30 – 45 minutes
<b>DRY TO RECOAT</b>	4 – 5 hours
<b>FULL DRY</b>	12 – 24 hours



**ADVANTAGES**

<b>NATIONAL SHIELD TEX PRIMER</b>	Excellent adhesion for high build textured coatings hides minor surface imperfections, good alkali resistance, suitable for old and new surfaces, suitable for porous and slightly chalky surfaces.
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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>	Roller, Brush or Spray
<b>CLEANING/THINNING</b>	Water
<b>THINNER (VOLUME)</b>	10 – 15% depends on the method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure: 2000 – 2500 psi
<b>NOZZLE SIZE</b>	0.018” – 0.021”
<b>MIXING RATIO (BY VOLUME)</b>	NA
<b>POT LIFE @ 30°C (100 ml)</b>	NA

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	National Shield Tex Primer	: 1 coat
	National Shield Tex Fine	: 2 coats
	(OR)	
	National Shield Tex Medium	: 2 coats
	(OR)	
	National Shield Ultra Silk	: 2 coats

**NATIONAL/INTERNATIONAL TEST CERTIFICATES**

<b>Sr. No.</b>	<b>Test Description</b>	<b>Test Reference</b>	<b>Compliance</b>
1	VOC	ISO 11890 - 2	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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**HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	Generally, most of the water base paints are quite safe to handle with due precautions. 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. Local safety regulations to be followed.
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**STORAGE & HANDLING**

<b>STORAGE</b>	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 keep 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.
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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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