



NATIONAL INTERGUARD H.B. (SPRAY TEXTURE)
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL INTERGUARD H.B. (SPRAY TEXTURE)

PRODUCT DESCRIPTION	A specifically formulated two pack epoxy high build system. As an intermediate spray coat giving varied texture. It has excellent adhesion on primed cementitious surfaces. It can be overcoated by Nationalthane or Polyurethane Topcoat.
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RECOMMENDED USES	<ul style="list-style-type: none"> - For interior and exterior cementitious surface - Intermediate coat for full epoxy system, National Wall Rock System - Different texture can be obtained by varying film thickness, by spray application.
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TECHNICAL DATA

COLOUR, DRY FILM	White or Off White
FINISH, DRY FILM	Eggshell Light, Medium & Heavy Textured
VOLUME SOLIDS (ASTM D2697)	74 ± 2%
SPECIFIC GRAVITY	1.37 ± 0.05 (Mix)
THEORETICAL SPREADING	3.0 – 1.5 M ² /LTR
RECOMMENDED DFT (DRY FILM)	250 – 500 Microns/Coat
RECOMMENDED WFT (WET FILM)	340 – 675 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	3 – 5 hours
DRY TO RECOAT	12 - 36 hours
FULLY CURED	7 days

ADVANTAGES

NATIONAL INTERGUARD H.B.	High build durable texture, good hardness, water resistance, chemical resistance.
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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	Special spray gun with hopper
CLEANING/THINNING	National Epoxy Thinner
THINNER (VOLUME)	Approx. 5%
CONV. SPRAY REQUIREMENTS	Possible
MIXING RATIO (BY VOLUME)	Base : Hardener 85 : 15 (Mix properly, keep 15 – 20 minutes before use)
POT LIFE @ 30°C (100 ml)	1 hour

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National Wall Rock System	
	National Guard Primer White	: 1 coat
	National Interguard H.B. (Spray Texture)	: 1 coat
	NationalthaneTopcoat	: 2 coats

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	GC - FID	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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