



**NATIONAL GRAFFIO – DECOR (TEXTURED COATING)**  
**DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL GRAFFIO – DECOR (TEXTURED COATING)**

<b>PRODUCT DESCRIPTION</b>	National Graffio – Decor is an acrylic copolymer emulsion based texture finish, reinforced with specific graded hard aggregates and pigments. It is specially formulated to withstand the high humid and extreme hot climate of the Gulf. It can hide and protect minor surface imperfections and hairline cracks on the substrate. It is a flexible, tough and weather resistant coating for interior/exterior surfaces. It has a special grooved – graffio finish having excellent adhesion and alkali resistance. It contains anti fungal and anti bacterial additives.
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<b>RECOMMENDED USES</b>	National Graffio – Decor is recommended for a special grooved – graffio finish interior/exterior decorative applications. Over coating with Nationalthane, National Acrylic Rock Topcoats, National Gloss Emulsion etc. will reduce dust collection and improve durability. It is suitable for the application on concrete, plaster gypsum, asbestos, brickwork, wood etc. It is mostly used for the application of internal/external walls of flats, buildings, villas, museums, exhibition center, boundary walls etc.
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**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	As per National Shade card
<b>FINISH, DRY FILM</b>	Grooved – Graffio Finish / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	71 ± 2%
<b>SPECIFIC GRAVITY</b>	1.90 ± 0.05
<b>THEORETICAL SPREADING</b>	0.7 – 0.6 M <sup>2</sup> /LTR (Depends on aggregate size)
<b>RECOMMENDED DFT (DRY FILM)</b>	1000 – 1200 Microns / Coat
<b>RECOMMENDED WFT (WET FILM)</b>	1400 – 1700 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>	1 – 2 hours
<b>FULL DRY</b>	48 hours



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**ADVANTAGES**

<b>NATIONAL GRAFFIO – DECOR</b>	Excellent adhesion and alkali resistance, withstands extreme climate of the gulf, hides minor surface imperfections and hairline cracks, flexible and tough weather resistant coating.
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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>	Special Trowel
<b>CLEANING/THINNING</b>	Water
<b>THINNER (VOLUME)</b>	Max. 5% water

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	National PVA Primer White for Masonry	: 1 coat
	(OR)	
	National Acrylic Primer (W.B.)	: 1 coat
	(OR)	
	National Tex Primer (for smooth cement surface / pre – cast surface)	: 1 coat
	National Graffio – Decor	: 1 coat
	If required for extra protection other National recommended suitable topcoat	: 1 coat

**NATIONAL/INTERNATIONAL TEST CERTIFICATES**

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	USEPA 24	Local Regulatory Requirements
2	Water Absorption	ASTM C 642	
3	Practical Washability	ASTM D 4828 : 1991	
4	Impact Resistance	ISO 6272 : 1993	
5	Salt Spray (1,000 hours)	ASTM B 117 : 95	



**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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