



NATIONAL SHIELD LONG LIFE TRADITIONAL TEX (TEXTURED COATING)
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL SHIELD LONG LIFE – TRADITIONAL TEX (TEXTURED COATING)

PRODUCT DESCRIPTION	National Shield Long Life – Traditional Tex is a 100% Pure Acrylic Emulsion based paint reinforced with medium sized high quality hard quartz, textured interior/exterior coating, for specific applications. By skilled and professional application, which produces beautifully, antiquated effect of natural traditional matt finish, with excellent UV and alkali resistances. It provides tough and flexible film with long durability and excellent protection against soluble salts and atmospheric gases to surface. It contains anti fungal / anti bacterial additives.
RECOMMENDED USES	As a specific design textured anti carbonation coating for old & new interior/exterior surfaces of concrete, plaster, brickwork, gypsum, asbestos and masonry work for the decorative and protective aspects. National Acrylic Clear Glaze coat can be over coated on National Shield Long Life – Traditional Tex to achieve an aesthetically pleasing rich finish. Over coating will also improved water resistance and reduce dirt pick up.

TECHNICAL DATA

COLOUR, DRY FILM	As per National Shade Card
FINISH, DRY FILM	Specific design medium textured / Matt
VOLUME SOLIDS (ASTM D2697)	61 ± 2%
SPECIFIC GRAVITY	1.55 ± 0.05
THEORETICAL SPREADING	2.0 – 3.0 M ² / LTR
RECOMMENDED DFT (DRY FILM)	Max. 1000 Microns / Coat (Depends on the type of design)
RECOMMENDED WFT (WET FILM)	Max. 1650 Microns / Coat (Depends on type of design)
FLASH POINT	Water Base

DRYING TIME

Drying time @ 30 °C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	2 – 3 hours
DRY TO RECOAT	6 – 8 hours
FULL DRY	24 – 48 hours



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ADVANTAGES

NATIONAL SHIELD LONG LIFE – TRADITIONAL TEX	Excellent adhesion and water resistance, unique flexible 100% Pure Acrylic binder based paint, variety of designs in textured finish. Protects concrete against salt and carbon dioxide, durable and long lasting, helps to prevent concrete corrosion. Vapour permeable breathable coating, excellent UV resistance. Over coating will produce the dirt pick up & improve water 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	Trowel, Roller, Brush, Spray
CLEANING/THINNING	Water
THINNER (VOLUME)	Ready for use, if required max. 5 – 10% depends on application
SPRAY REQUIREMENTS	Possible with suitable spray gun

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National Acrylic Primer (W.B.)	: 1 coat
	National Shield Long Life – Traditional Tex	: 2 coats
	Over coating if required.	
	National Acrylic Clear Glaze Coat	: 1 – 2 coats
	(OR)	
	Other National recommended suitable topcoat	: 1 – 2 coats

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	USEPA 8260	Local Regulatory Requirements
2	Carbon Dioxide Diffusion Coefficient	TP 950 /05 /13569	
3	Carbon Dioxide Diffusion Coefficient after 2000 hours of Accelerated Weathering	TP 950 /05 /13569	
4	Crack Bridging Ability	ASTM C 836 : 95	



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Sr. No.	Test Description	Test Reference	Compliance
5	Moisture Vapor Transmission Rate	Issued by Taylor Woodrow Technology, UK	
6	Moisture Vapor Transmission Rate after 2000 hours of Accelerated Weathering	Issued by Taylor Woodrow Technology, UK	

ADDITIONAL DATA

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

SAFETY PRECAUTIONS	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

STORAGE	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.
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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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