



NATIONAL SHIELD ANTIQUE TEX H.B. MEDIUM

PRODUCT DESCRIPTION	National Shield Antique Tex H.B Medium is a premium quality high build texture coating, based on modified acrylic emulsion. It is specially designed to withstand the extreme middle east climate and exterior weather conditions. It has excellent adhesion and alkali resistance. Properly applied coating can protect the exterior surfaces with an ancient look with excellent crack bridgeability. It provides very good weather resistance. It contains anti fungal and anti bacterial additives.
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RECOMMENDED USES	National Shield Antique Tex H.B Medium is recommended for the protection and decoration of exterior surfaces with an ancient look. It can recreate on modern surfaces the feelings and harmony so well expressed by the ancients. It is recommended on surfaces such as concrete, cement plaster, brickwork, wood, masonry work etc. It is ideal for the exterior applications of museums, historical buildings, ancient structures, villa etc. National Shield Glaze coat can be applied to give a craggy ancient look.
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TECHNICAL DATA

COLOUR, DRY FILM	Mostly earthen colours
FINISH, DRY FILM	Medium textured, Matt
VOLUME SOLIDS (ASTM D2697)	67 ± 2%
SPECIFIC GRAVITY	1.70 ± 0.04 (For white and pastel colours)
THEORETICAL SPREADING	0.67 – 0.27 M ² / LTR
RECOMMENDED DFT (DRY FILM)	1000 – 2500 microns/coat
RECOMMENDED WFT (WET FILM)	1493 – 3731 microns/coat
FLASH POINT	Water Based

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	1 hour
HARD DRY	6 – 8 hours
DRY TO OVER COAT	8 – 10 hours (minimum)



ADVANTAGES

NATIONAL SHIELD ANTIQUE TEX H.B. MEDIUM	Withstand the extreme middle east climate and exterior weather conditions, excellent adhesion and alkali resistance, protect the exterior surfaces with an ancient look, excellent crack bridgeability and very good weather 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. Any defects on the substrate should be rectified before starting painting. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHOD	Trowel, putty knife or other suitable tools
CLEANING/THINNING	Water
THINNER (VOLUME)	Maximum up to 10% (depends on method of application)

SYSTEM

RECOMMENDED SYSTEM (To be applied on prepared surface)	National Acrylic Primer (W.B.) or National Shield : 1 Coat Alkali Resistant Primer or National Aqua Siloxane Primer
	National Shield Antique Tex H.B. Medium : 2 Coats
	National Shield Glaze Coat : 1 – 2 Coats

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	Carbon Dioxide Permeability	Rilem Report 12, Performance Criterion for Concrete durability.	Local Regulatory Requirements
2	Rapid Chloride Permeability	ASTM C 1202 : 2012	
3	Reduction in Water Penetration	BS EN 12390 Part 8 : 2009	

ADDITIONAL DATA

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

SAFETY PRECAUTIONS	Most of the paints are quite safe to handle with due precautions, accidents can be prevented by opting proper working attitudes and good housekeeping practices. The painting must be carried out in well ventilated areas. Inhalation of loose particles, dust and paint vapors during painting can be avoided. The water based paints are non-hazardous if splashes or spillage on skin. In the event of ingestion, seek medical attention immediately.
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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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