



**NATIONAL ACRYLIC STONE FINISH PRIMER
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL ACRYLIC STONE FINISH PRIMER

PRODUCT DESCRIPTION	National Acrylic Stone Finish Primer is alkali-resistant adhesion promoting primer, for Natural Acrylic Stone Finish systems. It is used for interior/exterior applications to seal the surface properly and to improve the adhesion of subsequent stone finish systems more effectively. It contains anti fungal and anti bacterial additives.
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RECOMMENDED USES	National Acrylic Stone Finish Primer is used as an interior/exterior adhesion promoting primer for Natural Acrylic Stone Finish systems. It is recommended for cement plaster, concrete, block work, rendered surfaces, gypsum board, masonry work etc.
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TECHNICAL DATA

COLOUR, DRY FILM	As per National Natural Acrylic Stone Finish shade card
FINISH, DRY FILM	Texture, Matt
VOLUME SOLIDS (ASTM D2697)	65 ± 2%
SPECIFIC GRAVITY	1.64 ± 0.05
THEORETICAL SPREADING	8.5 – 6.5 m ² /lit.
RECOMMENDED DFT (DRY FILM)	75 – 100 microns/coat
RECOMMENDED WFT (WET FILM)	115 – 155 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	30 – 45 minutes
DRY TO RECOAT	4 – 5 hours
DRY TO OVERCOAT	12 – 24 hours



ADVANTAGES

NATIONAL ACRYLIC STONE FINISH PRIMER	Alkali-resistant, acrylic based, excellent adhesion for stone finish systems, proper surface sealing property.
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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 METHODS	Roller: Possible. Brush: For corners and edges. Spray: Airless spray
CLEANING/THINNING	Water
THINNER (VOLUME)	Maximum up to 20% (depends on method of application)
CONVENTIONAL SPRAY	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure: 150 – 180 bars Nozzle: 0.018 – 0.027” Angle of spray: 50 ⁰ - 60 ⁰

SYSTEM

RECOMMENDED SYSTEM (To be applied on prepared surface)	National Acrylic Stone Finish Primer (As per shade card) : 1 Coat
	National Natural Acrylic Stone Finish : 2 Coats
	National Acrylic Stone Finish Clear : 2 Coats

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 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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