



NATIONAL NATURAL ACRYLIC STONE FINISH

PRODUCT DESCRIPTION	National Natural Acrylic Stone Finish is uniquely formulated 100 % pure acrylic water based paint with inorganic coloured aggregates and is designed to provide the natural variations of stone to buildings. The material is available in three textures with small stone, medium stone and large stone finishes. It contains anti fungal and anti bacterial additives. Over coating with National Acrylic Stone Finish Clear, improves the durability and UV resistance. Also it helps to sustain the clean elegant look for a longer time.
----------------------------	---

RECOMMENDED USES	National Natural Acrylic Stone Finish is recommended for the natural variations of stone to the interior/exterior surfaces of commercial and residential buildings. It can be applied on suitably prepared surfaces of concrete, cement plaster, construction blocks, mortar, masonry surfaces, wood, gypsum board etc. Over coating with Stone Finish Clear will help to improve protection and reduces the dirt pick up.
-------------------------	--

TECHNICAL DATA

COLOUR, DRY FILM	As per National Natural Acrylic Stone Finish shade card
FINISH, DRY FILM	Textures - Small Stone/ Medium Stone /Large Stone, Matt
VOLUME SOLIDS (ASTM D2697)	68 ± 2%
SPECIFIC GRAVITY	1.53 ± 0. 0.05
THEORETICAL SPREADING	0.74 –0.88 m ² /kg. (depends on actual dft and texture)
RECOMMENDED DFT (DRY FILM)	500 - 600 microns/coat
RECOMMENDED WFT (WET FILM)	735 - 882 microns/coat
FLASH POINT	Water based

Note : Use of natural stone material may cause a minor color variation. Therefore, material of the same batch number to be used for continuous surfaces. Mix the last few pails from one batch with a different batch to minimize any colour differences. Always use material of same batch when applying on seamless surfaces.



**NATIONAL NATURAL ACRYLIC STONE FINISH
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

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 hrs.
DRY TO RE-COAT	8 - 10 hrs.
DRY TO OVER COAT	6 hrs.-minimum and 72 hrs- maximum

ADVANTAGES

NATIONAL NATURAL ACRYLIC STONE FINISH	100% Pure acrylic binder, provides the natural variations of stone to buildings, UV resistant, weather proof, hides minor surface imperfections, water vapour permeable, long durable, low VOC, available in small stone, medium stone and large stone textures.
--	--

APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. All loosely bonded materials must be removed by stiff bristle brushing. Any defects on the substrate should be rectified before starting painting. Using the professional spray equipment will make correct effect.
----------------------------	---

APPLICATION DATA

APPLICATION METHOD	Spray equipment with special hopper gun (It is better to use flat nose spray gun for medium stone /large stone texture and needle nose spray equipment for small stone texture).
SPRAY ANGLE	90 ⁰
NOZZLE SIZE	3 – 6mm (depends on texture)
PRESSURE	100 – 120 bar
CLEANING/THINNING	Water
THINNER (VOLUME)	Ready for use (if required, maximum up to 10% depends on texture)

Spray details given above are as a guideline only; the hose length, diameter, temperature all influence the choice of tip and application pressure.

SYSTEM

RECOMMENDED SYSTEM (For Small, Medium & Large Stone)	National Acrylic Stone Finish Primer (as per Topcoat)	: 1 coat
	National Natural Acrylic Stone Finish	: 2 coats
	National Acrylic Stone Finish Clear	: 2 coats

During application, the scaffolding should be about 30cm away from the wall. If the distance is too close, the spray between the upper and lower scaffolding parts may have traces, affecting the decorative effect. Remove masking tape as soon as the painting is over. Texture, gloss level and the effect on substrate may vary according to light and shade on location. For best results, apply a small sample on location and always ensure batch numbers are the same on all cans used.



**NATIONAL NATURAL ACRYLIC STONE FINISH
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

ADDITIONAL DATA

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

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.
-------------------------------	--

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.
----------------	---

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.
Issued: 0121