



NATIONAL ACRYLIC ROCK TOPCOAT
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ACRYLIC ROCK TOPCOAT

PRODUCT DESCRIPTION	A solvent based special solution polymer, Acrylic based topcoat, with long lasting properties. The dried film has excellent gloss, adhesion, water resistance and weather resistance. The outdoor exposure and Ultra violet resistance is excellent. The dry film has excellent non – yellowing properties.
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RECOMMENDED USES	<ul style="list-style-type: none"> - Topcoat for interior and exterior cementitious surfaces. - Topcoat for National Acrylic Rock System and other textured coatings. - Topcoat on steel and wooden surfaces.
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TECHNICAL DATA

COLOUR, DRY FILM	As per National Shade Card		
FINISH, DRY FILM	Glossy	Semi Glossy	Matt
VOLUME SOLIDS (ASTM D2697)	40 ± 2%	44 ± 2%	46 ± 2%
SPECIFIC GRAVITY	1.18 ± 0.05	1.25 ± 0.05	1.32 ± 0.05
THEORETICAL SPREADING	13 – 10 M ² /LTR	14.5 – 11 M ² /LTR	15 – 11.5 M ² /LTR
RECOMMENDED DFT (DRY FILM)	30 – 40 Microns/Coat	30 – 40 Microns/Coat	30 – 40 Microns/Coat
RECOMMENDED WFT (WET FILM)	75 – 100 Microns/Coat	70 – 90 Microns/Coat	65 – 90 Microns/Coat
FLASH POINT	32°C	32°C	32°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	30 minutes
DRY TO RECOAT	3 – 4 hours
HARD DRY	24 hours

ADVANTAGES

NATIONAL ACRYLIC ROCK TOPCOAT	One component Acrylic paint, easy to apply, excellent water, weather U.V. resistance. Dry film has excellent non – yellowing properties.
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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	Brush, Roller or Spray
CLEANING/THINNING	National Acrylic Thinner
THINNER (VOLUME)	5 – 15% depending on method of applications
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 2100 psi
NOZZLE SIZE	0.018” – 0.020”
MIXING RATIO (BY VOLUME)	One pack
POT LIFE @ 30°C (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	<u>For cementitious surface: National Acrylic Rock System</u>	
	National PVA Primer White for Masonry	: 1 coat
	(OR)	
	National Acrylic Primer (W.B.)	: 1 coat
	National Nutex (Spray Texture)	: 1 coat
	National Acrylic Rock Topcoat	: 2 coats
	<u>For steel and metal surfaces:</u>	
	National Guard Zinc Phosphate Epoxy Primer	: 1 coat
	(OR)	
	National Guard Epoxy Red Oxide Primer	: 1 coat
	(OR)	
	National Recommended Suitable Primer	: 1 coat
National Acrylic Rock Topcoat	: 2 coats	

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	USEPA 24	Local Regulatory Requirements



ADDITIONAL DATA

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

SAFETY PRECAUTIONS	<p>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.</p> <p>This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations to be followed.</p>
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STORAGE & HANDLING

STORAGE	<p>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.</p>
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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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