



NATIONAL AQUA ACRYLIC FLOORING TOPCOAT  
DECORATIVE COATINGS

TECHNICAL DATA SHEET

## NATIONAL AQUA ACRYLIC FLOORING TOPCOAT

<b>PRODUCT DESCRIPTION</b>	High-quality, one pack coating based on Acrylic dispersions. It gives smooth matt finish, with excellent adhesion to cementitious surfaces, good alkali resistance, with good washability. It contains anti fungal and anti bacterial additives.
<b>RECOMMENDED USES</b>	Smooth finish with excellent adhesion on concrete floorings, wall. Suitable on moist surfaces also. It can also be used where limited chemical resistance is required.

### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	Pastel shades
<b>FINISH, DRY FILM</b>	Smooth / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	45 ± 2%
<b>SPECIFIC GRAVITY</b>	1.25 ± 0.05
<b>THEORETICAL SPREADING</b>	9 – 6 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	50 – 75 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	110 – 170 Microns/Coat
<b>FLASH POINT</b>	Water Base

### DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
<b>TOUCH DRY</b>	30 – 45 minutes
<b>DRY TO RECOAT</b>	4 – 6 hours
<b>FULLY DRY</b>	48 hours

### ADVANTAGES

<b>NATIONAL AQUA ACRYLIC FLOORING TOPCOAT</b>	Single pack water based, easy to apply, excellent adhesion to cementitious surface, good mechanical properties, suitable for application on moist areas. Low VOC and limited resistance to several chemicals.
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### APPLICATION INSTRUCTION

<b>SURFACE PREPARATION</b>	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**

<b>APPLICATION METHOD</b>	Brush, Roller or Spray
<b>CLEANING/THINNING</b>	Water
<b>THINNER (VOLUME)</b>	5 – 10% depending on the method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Pressure: 40 psi
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 2000 – 2500 psi
<b>NOZZLE SIZE</b>	0.018” – 0.021”
<b>MIXING RATIO (BY VOLUME)</b>	One pack
<b>POT LIFE @ 30°c (100 ml)</b>	NA

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	National Aqua Acrylic Flooring Primer	: 1 coat
	National Aqua Acrylic Flooring Topcoat	: 2 coats
	OR	
	National Aqua Epoxy Primer	: 1 coat
	National Aqua Acrylic Flooring Topcoat	: 2 coats

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	6 months, in original sealed container, with proper storage conditions.
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**HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	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**

<b>STORAGE</b>	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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