# NATIONAL AQUA ACRYLIC FLOORING TOPCOAT

## PRODUCT DESCRIPTION

| 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. |

## RECOMMENDED USES

| 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

| COLOUR, DRY FILM | Pastel shades |
| FINISH, DRY FILM | Smooth / Matt |
| VOLUME SOLIDS (ASTM D2697) | 45 ± 2% |
| SPECIFIC GRAVITY | 1.25 ± 0.05 |
| THEORETICAL SPREADING | 9 – 6 M²/LTR |
| RECOMMENDED DFT (DRY FILM) | 50 – 75 Microns/Coat |
| RECOMMENDED WFT (WET FILM) | 110 – 170 Microns/Coat |
| FLASH POINT | Water Base |

## 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 – 6 hours
- **FULLY DRY**: 48 hours

## ADVANTAGES

| NATIONAL AQUA ACRYLIC FLOORING TOPCOAT | 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. |

## 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. |
APPLICATION DATA

APPLICATION METHOD
Brush, Roller or Spray

CLEANING/THINNING
Water

THINNER (VOLUME)
5 – 10% depending on the method of application

CONV. SPRAY REQUIREMENTS
Pressure: 40 psi

AIRLESS SPRAY REQUIREMENTS
Pressure: 2000 – 2500 psi

NOZZLE SIZE
0.018” – 0.021”

MIXING RATIO (BY VOLUME)
One pack

POT LIFE @ 30°C (100 ml)
NA

SYSTEM

RECOMMENDED SYSTEM
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

SHELF LIFE @ 30°C
6 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.
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