NATIONAL ACRYL EMULSION II

PRODUCT DESCRIPTION
National Acryl Emulsion II is an Acrylic copolymer based, washable interior/exterior emulsion paint with a smooth flat decorative finish. It offers excellent adhesion and recoatability. National Acryl Emulsion II is with better hiding power and exceptional light and weather resistances. Basically, it is for masonry application purpose, with good alkali resistance. It contains anti fungal and anti bacterial additives.

RECOMMENDED USES
National Acryl Emulsion II is recommended for the masonry applications like concrete, plaster, stucco filler, gypsum board, asbestos, blocks etc. It is also used for sealing the surfaces of stucco filler and gypsum board for the subsequent coatings like National Eggshell Emulsions. It is recommended for the interior/exterior applications of flats, buildings, offices, boundary wall etc. It can be applied over wooden surfaces also.

COLOUR, DRY FILM
As per the National Shade Card

FINISH, DRY FILM
Smooth / Matt

VOLUME SOLIDS (ASTM D2697)
44 ± 2 %

SPECIFIC GRAVITY
1.50 ± 0.05

THEORETICAL SPREADING
11 – 9 M²/LTR

RECOMMENDED DFT (DRY FILM)
40 – 50 Microns / Coat

RECOMMENDED WFT (WET FILM)
90 – 115 Microns / Coat

FLASH POINT
Water Base

Drying time @ 30 °C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)

TOUCH DRY
1 hour

DRY TO RECOAT
2 – 4 hours

FULL DRY
24 hours
ADVANTAGES

**NATIONAL ACRYL EMULSION II**

Washable interior/exterior paint, excellent recoatability and adhesion, exceptional light and weather resistances, suitable for all masonry surfaces, good alkali resistance, smooth and flat decorative economical finish.

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

<table>
<thead>
<tr>
<th>APPLICATION METHOD</th>
<th>Roller, Brush, Spray etc.</th>
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</thead>
<tbody>
<tr>
<td>CLEANING/THINNING</td>
<td>Water</td>
</tr>
<tr>
<td>THINNER (VOLUME)</td>
<td>5 – 10 % depends on method of application</td>
</tr>
<tr>
<td>CONV. SPRAY REQUIREMENTS</td>
<td>Possible</td>
</tr>
<tr>
<td>AIRLESS SPRAY REQUIREMENTS</td>
<td>Pressure: 2000 – 2500 psi</td>
</tr>
<tr>
<td>NOZZLE SIZE</td>
<td>0.018” - 0.021”</td>
</tr>
<tr>
<td>MIXING RATIO (BY VOLUME)</td>
<td>NA</td>
</tr>
<tr>
<td>POT LIFE @ 30°C (100 ml)</td>
<td>NA</td>
</tr>
</tbody>
</table>

SYSTEM

**RECOMMENDED SYSTEM**

To be applied on prepared surface.

- National PVA Primer Sealer for Masonry : 1 coat
- (OR)
- National PVA Primer White for Masonry : 1 coat
- (OR)
- National Acrylic Primer (W.B.) : 1 coat
- National Stucco Filler (for Interior only) : 2 coats
- National Acryl Emulsion II : 2 coats

NATIONAL/INTERNATIONAL TEST CERTIFICATES

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Test Description</th>
<th>Test Reference</th>
<th>Compliance</th>
</tr>
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<tr>
<td>1</td>
<td>Fungal Resistance</td>
<td>ASTM D 3273</td>
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</table>
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.

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