



## NATIONAL 2K FINISH

<b>PRODUCT DESCRIPTION</b>	A two component Acrylic Topcoat has been specifically developed, mainly for Automotive requirements. It has excellent impact and weather resistance, good gloss and colour retention properties.
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<b>RECOMMENDED USES</b>	Product is strongly recommended for Automotive purpose as finish paint. However, it can also be used for various other applications, as industrial paint, where more impact and weather resistance is required.
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### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	White, Black and Special shades on request, metallic colours, pearl finish
<b>FINISH, DRY FILM</b>	Smooth / Glossy
<b>VOLUME SOLIDS (ASTM D2697)</b>	44 ± 2%
<b>SPECIFIC GRAVITY</b>	1.15 ± 0.05 (mixed)
<b>THEORETICAL SPREADING</b>	14.5 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	30 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	70 Microns/Coat
<b>FLASH POINT</b>	18°C

### 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 minutes
<b>DRY TO RECOAT</b>	2 – 3 hours
<b>FULLY CURED</b>	3 days

### ADVANTAGES

<b>NATIONAL 2K FINISH</b>	Excellent durability, weather resistance, UV resistance. The dry film has better impact and scratch resistance.
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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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DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Spray
<b>CLEANING/THINNING</b>	National 2K Thinner
<b>THINNER (VOLUME)</b>	Refer mixing ratio
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 2000 – 2200 psi
<b>NOZZLE SIZE</b>	0.015” – 0.020”
<b>MIXING RATIO (BY VOLUME)</b>	100 parts Base + 50 parts 2K Hardener + 30 parts 2K Thinner
<b>POT LIFE @ 30°c (100 ml)</b>	Approx. 4 hours

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	National N.C. Primer Surfacer	: 1 coat
	National N.C. Putty or Polyester Putty	: 1 coat
	National N.C. Primer Surfacer	: 1 coat
	National 2K Finish	: 2 coats
	National 2K Clear (optional)	: 2 coats

**ADDITIONAL DATA**

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

<b>SAFETY PRECAUTIONS</b>	<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 should be followed.</p>
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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 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.
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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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