

**DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL 2K FINISH**

<b>DESCRIPTION</b>	A two component Acrylic Topcoat has been specifically developed, mainly for Automotive requirements. It has excellent impact and weather resistance, as also good gloss & colour retention.
<b>RECOMMENDED USE</b>	Mainly for Automotive purpose as finish paint. However, it can be also used for other applications where more impact and weather resistance required.

**TECHNICAL DATA**

<b>COLOURS</b>	Special Shades on request, metallic colours, pearl finish
<b>FINISH</b>	Smooth & Glossy
<b>VOLUME SOLIDS</b>	50 ± 2%
<b>SPECIFIC GRAVITY      KG/L</b>	1.20 ± 0.05 (mixed)
<b>THEORETICAL SPREADING RATE</b>	16.5 M <sup>2</sup> /LTR
<b>RECOMMENDED (DFT) - MICRONS</b>	30 per coat
<b>RECOMMENDED (WFT) - MICRONS</b>	60 per coat
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Surface drying (minutes) : 30
	Dry to recoat (hours) : 2 - 3
	Fully Cured (days) : 3

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Spray
<b>THINNING (VOLUME)</b>	Refer mixing ratio
<b>THINNER / CLEANER</b>	National 2K Thinner
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure / Tip Size : 2000 - 2200 psi / 0.015" - 0.020"
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 psi
<b>MIXING RATIO (VOLUME)</b>	100 Parts Base + 50 Parts 2K Hardener + 30 Parts 2K Thinner
<b>POT LIFE @ 30°C</b>	Approx. 4 hours
<b>RECOMMENDED SYSTEM</b>	- 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 (can be overcoated by 2K clear): 2 coats

**MISCELLANEOUS DATA**

<b>FLASH POINT (mixed)</b>	18°C
<b>SHELF LIFE @ 30°C</b>	18 months in original sealed containers, with proper storage conditions.

**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.