

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL SYNTHETIC ENAMEL GLOSS I

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| DESCRIPTION | A general purpose synthetic enamel based on alkyd resin. It dries to give high gloss finish which is resistant to cracking and withstands abrasion and washability. It also has excellent weather resistance. |
| RECOMMENDED USE | Suitable for interior and exterior surfaces, requiring a protective durable and decorative gloss finish.. |

TECHNICAL DATA

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| COLOURS | As Per National Shade Card |
| FINISH | Glossy |
| VOLUME SOLIDS | 50± 2% |
| SPECIFIC GRAVITY KG/L | 1.05 ± 0.05 (For white & pastel shades) |
| THEORETICAL SPREADING RATE | 16.5 - 12.5 M ² /LTR. |
| RECOMMENDED (DFT) - MICRONS | 30 - 40 |
| RECOMMENDED (WFT) - MICRONS | 60 - 80 |
| DRYING TIME @ 30°C | Temperature, humidity, air movement, film thickness and number of coats all affect the drying time. |
| | Touch dry (hours) : 6 |
| | Dry to recoat (hours) : 18 |
| | Hard dry (hours) : 24 |

APPLICATION DATA

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| APPLICATION METHOD | Airless Spray | Air (Conv.) Spray | Brush |
| THINNING (VOLUME) | 5 - 10% | 10 - 15% | 10% |
| THINNER / CLEANER | National G.P. Thinner | | |
| AIRLESS SPRAY REQUIREMENTS | Tip : 2200 PSI/0.015" - 0.020" | | |
| CONV. SPRAY REQUIREMENTS | Atomizing Pressure : 50 PSI | | |
| MIXING RATIO (BY VOLUME) | Base : Hardener : One Pack | | |
| POT LIFE @ 30°C | One Pack | | |
| RECOMMENDED SYSTEM Apply on dry, dust free surface. | Steel | No. of Coats x DFT (Microns) | |
| | - National Red Oxide Primer | 1 x 40 | |
| | - National Synthetic Undercoat | 1 x 40 | |
| | - National Synthetic Enamel Gloss I | 2 x 35 | |

MISCELLANEOUS DATA

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| FLASH POINT | 38°C |
| SHELF LIFE @ 30°C | 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.