

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ENAMEL GLOSS II M.I.O.

DESCRIPTION	A special alkyd based fast drying enamel. Pigmented with micaceous iron oxide. It provides a tough and high gloss finish with excellent abrasion resistance. It also offer a good barrier against water vapour.
RECOMMENDED USE	Topcoat on external structural steel, cranes, towers, bridges and pipelines in mild industrial environments.

TECHNICAL DATA

COLOURS	Light Grey
FINISH	Gloss
VOLUME SOLIDS	52 ± 2%
SPECIFIC GRAVITY KG/L	1.3 ± 0.05
THEORETICAL SPREADING RATE	17 - 13 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	30 - 40
RECOMMENDED (WFT) - MICRONS	58 - 77
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 1
	Dry to recoat (hours) : 8
	Hard dry (hours) : 24

APPLICATION DATA

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" - 0.018"		
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.	No. of Coats x DFT (Microns)		
	- National Zinc Phosphate Prime		1 x 40
	- National M.I.O. Undercoat		1 x 40
	- National Enamel Gloss II M.I.O.		2 x 35

MISCELLANEOUS DATA

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.