



PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ALUMINIUM PAINT

DESCRIPTION	Based on a pure microflakes pigment dispersed in a special synthetic binder, which provides maximum brightness and reflectance. It has heat resistance up to 250°C.
RECOMMENDED USE	- Heat resistant coating for electrical poles, exhaust pipes, radiators, iron towers, pipes, etc. - Protective & decorative coating over primed metals & wooden surfaces.

TECHNICAL DATA

COLOURS	Aluminium
FINISH	Glossy
VOLUME SOLIDS	40 ± 2%
SPECIFIC GRAVITY KG/L	0.95 ± 0.05
THEORETICAL SPREADING RATE	16 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	25
RECOMMENDED (WFT) - MICRONS	60
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 1 - 2
	Dry to recoat (hours) : 8
	Hard dry (hours) : 24

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Air (Conv.) Spray	Brush
THINNING (VOLUME)	Ready for use		
THINNER / CLEANER	National G.P. Thinner		
AIRLESS SPRAY REQUIREMENTS	Tip	: 2200 PSI / 0.017"	
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 PSI		
MIXING RATIO (VOLUME)	Base : Hardener	: One Pack	
POT LIFE @ 30°C	One Pack		
RECOMMENDED SYSTEM		No. of Coats x DFT (Microns)	
Apply on dry, dust free surface.	- National Aluminium Paint (or)	2 x 25	
	- National Red Oxide Primer	1 x 40	
	- National Aluminium Paint	2 x 25	

MISCELLANEOUS DATA

FLASH POINT	32°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.