

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL ALUMINIUM H.T. 600 °C**

<b>DESCRIPTION</b>	A heat resisting aluminium paint based on a modified silicon resin. It has good oil resistance. It is resistance up to 600°C.
<b>RECOMMENDED USE</b>	A heat resisting paint for steel structure, pipes, power stations, high temperature stacks, boilers, engines, exhaust lines, etc. where heat resistance up to 600 °C is required.

**TECHNICAL DATA**

<b>COLOURS</b>	Aluminium
<b>FINISH</b>	Gloss
<b>VOLUME SOLIDS</b>	30 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	0.98 ± 0.05
<b>THEORETICAL SPREADING RATE</b>	12 M <sup>2</sup> /LTR.
<b>RECOMMENDED (DFT) - MICRONS</b>	25
<b>RECOMMENDED (WFT) - MICRONS</b>	85
<b>DRYING TIME @ 30°C</b>	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**

<b>APPLICATION METHOD</b>	Airless Spray	Air (Conv.) Spray	Brush
<b>THINNING (VOLUME)</b>	Ready for use		
<b>THINNER / CLEANER</b>	National G.P. Thinner		
<b>AIRLESS SPRAY REQUIREMENTS</b>	Tip : 2200 PSI / 0.017"		
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 PSI		
<b>MIXING RATIO (VOLUME)</b>	Base : Hardener : One Pack		
<b>POT LIFE @ 30°C</b>	One Pack		
<b>RECOMMENDED SYSTEM</b>	No. of Coats x DFT (Microns)		
<b>Apply on degrease, blast clean surface.</b>	- National Aluminium H.T. 600 °C		2 x 25

**MISCELLANEOUS DATA**

<b>FLASH POINT</b>	28°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.