

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ALUMINIUM H.R. 400 °C

DESCRIPTION	A heat resisting aluminium paint based on a modified silicon resin.
	It is resistance up to 400 °C. It has good flow and hardness.
RECOMMENDED USE	- A heat resisting paint for steel structure, pipes, power stations, etc.
	where heat resistance up to 400 °C is required.

TECHNICAL DATA

COLOURS	Aluminium
FINISH	Gloss
VOLUME SOLIDS	43 ± 2%
SPECIFIC GRAVITY KG/L	0.95 ± 0.05
THEORETICAL SPREADING RATE	17.0 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
	Dry to recoat (hours) : 4
	Hard dry (days) : 2

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
MIXING RATIO (VOLUME)	Base : Hardener : One Pack
POT LIFE @ 30°C	One Pack
RECOMMENDED SYSTEM	No. of Coats x DFT (Microns)
Apply on degrease, blast clean surface.	- National Aluminium H.R. 400 °C 2 x 25

MISCELLANEOUS DATA

FLASH POINT	25°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.