

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL GUARD S.T.**

<b>ADESCRIPTION</b>	A two-pack, high build, high solids, surface tolerant epoxy paint. It is selfpriming and has good resistance against abrasion. It has good adhesion. Can be overcoated with variety of topcoat like chlorinated rubber, epoxy or Polyurethane topcoat.
<b>RECOMMENDED USE</b>	- Protection of steel where blast cleaning is not possible. - A high build primer, intermediate or finishing coat on epoxy systems.

**TECHNICAL DATA**

<b>COLOURS</b>	Aluminium (Silver) & Grey
<b>FINISH</b>	Semi-gloss
<b>VOLUME SOLIDS</b>	85 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	2.00 ± 0.05 (of mix)
<b>THEORETICAL SPREADING RATE</b>	4.5 M <sup>2</sup> /LTR.
<b>RECOMMENDED (DFT) - MICRONS</b>	200
<b>RECOMMENDED (WFT) - MICRONS</b>	235
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time. Touch dry (hours) : 2 Dry to recoat (hours) : Minimum 12 Fully cured (days) : 3

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Airless Spray	Brush
<b>THINNING (VOLUME)</b>	5 - 10%	10%
<b>THINNER / CLEANER</b>	National Epoxy Thinner	
<b>AIRLESS SPRAY REQUIREMENTS</b>	Tip : 2200 PSI/0.018" - 0.022"	
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 PSI	
<b>MIXING RATIO (BY VOLUME)</b>	Base : Hardener : 1.5:1 (Mix thoroughly, mature for 15 - 20 minutes)	
<b>POT LIFE @ 30°C</b>	2 - 3 hours	
<b>RECOMMENDED SYSTEM</b>	No. of Coats x DFT (Microns)	
<b>Apply on degrease, clean surface.</b>	- National Guard S.T. 2 x 200	
	If required can be overcoated with National Guard Topcoat or Nationalthane Topcoat.	

**MISCELLANEOUS DATA**

<b>FLASH POINT (OF MIX)</b>	25°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.