

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL STOVING PRIMER**

<b>DESCRIPTION</b>	A high quality, a alkyd-melamine formaldehyde based industrial stoving primer. It gives a tough and flexible film with excellent adhesion and weather resistance on metal surfaces.
<b>RECOMMENDED USE</b>	On metallic surfaces, for use on equipments, vehicle repaint and domestic appliances as a primer coat. It is to be overcoated with National Stoving Enamel.

**TECHNICAL DATA**

<b>COLOURS</b>	White & Off White
<b>FINISH</b>	Matt
<b>VOLUME SOLIDS</b>	54 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.40 ± 0.05
<b>THEORETICAL SPREADING RATE</b>	15 M <sup>2</sup> /LTR.
<b>RECOMMENDED (DFT) - MICRONS</b>	35
<b>RECOMMENDED (WFT) - MICRONS</b>	65
<b>DRYING TIME</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
<b>STOVING SCHEDULE</b>	120°C for 30 minutes (OR) 150°C for 20 minutes
<b>FLASH OFF TIME</b>	10 - 15 minutes

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Air (Conv.) Spray
<b>THINNING (VOLUME)</b>	5 - 10%
<b>THINNER / CLEANER</b>	National Stoving Thinner
<b>AIRLESS SPRAY REQUIREMENTS</b>	Tip : NA
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 PSI
<b>MIXING RATIO (BY VOLUME)</b>	Base : Hardener : One Pack
<b>POT LIFE @ 30°C</b>	One Pack
<b>RECOMMENDED SYSTEM</b> Apply on dry, dust free surface.	No. of Coats x DFT (Microns) - National Stoving Primer 1 x 35 - National Stoving Enamel 1 x 30

**MISCELLANEOUS DATA**

<b>FLASH POINT</b>	32°C
<b>SHELF LIFE @ 30°C</b>	6 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.