

**TECHNICAL SPECIFICATIONS**
**DECORATIVE COATINGS**
**TECHNICAL DATA SHEET**
**NATIONAL TAR EXTENDED POLYURETHANE**

<b>DESCRIPTION</b>	Is a two component tar extended Polyurethane. When mixed and applied as liquid membrane, it forms seamless, nonpermeable elastomeric membrane, having excellent adhesion to substrates with good water resistance.
<b>RECOMMENDED USE</b>	It is most suitable for tough durable water proofing membrane, for roofing, bathrooms - toilets, swimming pools, water tanks, wash tanks, canals, wooden surface, cooling towers & domes, for interior and exterior applications.

**TECHNICAL DATA**

<b>COLOURS</b>	Black
<b>FINISH</b>	Semi Gloss
<b>VOLUME SOLIDS</b>	60 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.18 ± 0.05 (mixed)
<b>THEORETICAL SPREADING RATE</b>	5.0 - 2.5 M <sup>2</sup> /LTR
<b>RECOMMENDED (DFT) - MICRONS</b>	125 - 250 per coat
<b>RECOMMENDED (WFT) - MICRONS</b>	200 - 400 per coat
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affects the drying time Touch dry (hours) : 2 - 4 Full dry (hours) : Minimum 48, film is flexible

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Trowel, spray, squeegee, putty knife or brush.
<b>THINNING (VOLUME)</b>	5 - 15% (Depends on method of application)
<b>THINNER / CLEANER</b>	National Polyurethane Thinner
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure / Tip Size : 2100 psi / 0.015" - 0.018"
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure: 50 psi
<b>MIXING RATIO (VOLUME)</b>	Base: Hardener : 95:5
<b>POT LIFE @ 30°C</b>	12 - 14 hours
<b>RECOMMENDED SYSTEM</b> For metal, use suitable primer	Surface should be dry and clean. If required give treatment of fungicide to remove moss and algae. Apply thoroughly mixed part A & B, wait for 5-10 minutes. Primer Coat : National Tar Extended PU (Diluted) : 1 coat Top Coat : National Tar Extended PU : 1 - 2 coats

**MISCELLANEOUS DATA**

<b>FLASH POINT (Mix)</b>	25°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.