

**TECHNICAL SPECIFICATIONS**
**DECORATIVE COATINGS**
**TECHNICAL DATA SHEET**
**NATIONAL WEATHER RESIST (SILK)**

<b>DESCRIPTION</b>	Versatile coating, based on acrylic copolymer emulsion, especially formulated for the exterior painting of buildings in Gulf region which are exposed to the hostile environments - high humidity, extreme temperature variations, saline and dusty atmosphere etc. Basically a coating for masonry surfaces and for good adhesion, very high ultra violet light resistance and antichalking properties. Ensures durable and defect free coating for years. It contains antifungal and antibacterial additives.
<b>RECOMMENDED USE</b>	- Topcoat for National Eco System - Decorative & Protective coating on exterior concrete, plaster, brick work and wood.

**TECHNICAL DATA**

<b>COLOURS</b>	As Per National Shade Card
<b>FINISH</b>	Silk
<b>VOLUME SOLIDS</b>	48 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.30 ± 0.05
<b>THEORETICAL SPREADING RATE</b>	12 - 9.5 M <sup>2</sup> /LTR
<b>RECOMMENDED (DFT) - MICRONS</b>	40 - 50 per coat
<b>RECOMMENDED (WFT) - MICRONS</b>	80 - 100 per coat
<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 Dry to recoat (hours) : 2 - 4

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Brush, Roller or Spray
<b>THINNING (VOLUME)</b>	10 - 15% depending on the method of application
<b>THINNER / CLEANER</b>	Water
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure / Tip Size : 2000 - 2500 psi / 0.018" - 0.021"
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 40 - 50 psi
<b>MIXING RATIO (VOLUME)</b>	NA
<b>POT LIFE @ 30°C</b>	NA
<b>RECOMMENDED SYSTEM</b>	- National PVA Primer Sealer (or) National PVA Primer White (or) : 1 coat - National Acrylic Primer (W.B.) : 1 coat - National Nutex : 1 coat - National Weather Resist (Silk) : 2 coats

**MISCELLANEOUS DATA**

<b>FLASH POINT</b>	Water Base
<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.