DECORATIVE COATINGS   **TECHNICAL DATA SHEET**

NATIONAL SHIELD TOPCOAT (GLOSS)

DESCRIPTION	High quality water based topcoat for long lasting gloss and durability. Is based on pure Acrylic emulsion. Having excellent adhesion and water resistance. It contains antifungal and antibacterial additives.
RECOMMENDED USE	Decorative and protective topcoat, specially to increase maximum gloss and weather resistance of National Shield system.

TECHNICAL DATA

COLOURS	White & Limited Colours
FINISH	Glossy
VOLUME SOLIDS	40 ± 2%
SPECIFIC GRAVITY KG/L	1.18 ± 0.05
THEORETICAL SPREADING RATE	10 - 8 M^2/LTR
RECOMMENDED (DFT) - MICRONS	40 - 50 per coat
RECOMMENDED (WFT) - MICRONS	100 - 125 per coat
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affects the drying time.
	Touch dry (hours) : 1
	Dry to recoat (hours) : 6 - 8

APPLICATION DATA

APPLICATION METHOD	Brush, Roller or Spray
THINNING (VOLUME)	5 - 10% depending on the method of application
THINNER / CLEANER	Water
AIRLESS SPRAY REQUIREMENTS	Pressure / Tip Size : 2100 psi / 0.018" - 0.021"
CONV. SPRAY REQUIREMENTS	Atomizing Pressure: 50 psi
MIXING RATIO (VOLUME)	Base : Hardener: NA
POT LIFE @ 30°C	NA
RECOMMENDED SYSTEM	- National Acrylic Primer (W.B) : 1 coat
	- National Shield Topcoat Gloss : 2 coats
	OR
	Apply as topcoat on National Shield system.

MISCELLANEOUS DATA

FLASH POINT	Water Base
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.

08/03