



PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL GUARD PRIMER FOR CEMENT (CLEAR)

DESCRIPTION	A two pack Epoxy Primer providing excellent water and chemical resistance. It has very good sealing properties.
RECOMMENDED USE	- General Purpose Primer for Epoxy System on masonry surfaces, cement works and wood. - Primer for Epoxy Textured coating and for epoxy floorings.

TECHNICAL DATA

COLOURS	Clear
FINISH	Glossy
VOLUME SOLIDS	43 ± 2%
SPECIFIC GRAVITY KG/L	0.95 ± 0.05 (mixed)
THEORETICAL SPREADING RATE	10.5 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	40
RECOMMENDED (WFT) - MICRONS	95
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 3 - 6
	Dry to recoat (hours) : 12 - 36
	Fully cured (days) : 7

APPLICATION DATA

APPLICATION METHOD	Brush, Roller or Spray
THINNING (VOLUME)	5 - 10% (depending on the method of application)
THINNER / CLEANER	National Epoxy Thinner
MIXING RATIO (VOLUME)	Tip : 2200 PSI/0.015" - 0.018"
SPRAY REQUIREMENTS	Atomizing Pressure : 50 PSI
MIXING RATIO (VOLUME)	Base : Hardener : 4:1 (Mix thoroughly, mature for 15 - 20 minutes)
POT LIFE @ 30°C	: 8 hours
RECOMMENDED SYSTEM	Coats x DFT (Microns)
Apply on clean dust free surface.	- National Guard Primer For Cement (Clear) 1 x 40
	- National Guard Epoxy Flooring Topcoat 1-2 x 100

MISCELLANEOUS DATA

FLASH POINT (MIXED)	25 °C
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.