

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL BITUMEN (WATER BASE)

DESCRIPTION	A cold applied bitumen emulsion protective coating which dries to form water and moisture resistant membrane. It provides excellent adhesion properties to concrete, metal, wood and various insulating materials.
RECOMMENDED USE	<ul style="list-style-type: none"> - Water-proof system for roofs, foundation below the ground and basements. - The product is suitable for cracks, effectively seals against re-opening

TECHNICAL DATA

COLOURS	Black
FINISH	Semi-Gloss
VOLUME SOLIDS	50 ± 2%
SPECIFIC GRAVITY KG/L	0.90 ± 0.05
THEORETICAL SPREADING RATE	10 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	50
RECOMMENDED (WFT) - MICRONS	100
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time. Touch dry (hours) : 6 Dry to recoat (hours) : 16

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Air (Conv.) Spray	Brush
THINNING (VOLUME)	5 - 10%	10 - 15%	10%
THINNER / CLEANER	Water		
AIRLESS SPRAY REQUIREMENTS	Tip : 1800 - 2000 PSI/0.015"		
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 PSI		
MIXING RATIO (BY VOLUME)	Base : Hardner : One Pack		
POT LIFE @ 30°C	One Pack		
RECOMMENDED SYSTEM	No. of Coats x DFT (Microns)		
Apply on dry, dust free surface.	Primer : National Bitumen (Water Base)		Thin Coat
	Topcoat : National Bitumen (Water Base)		2 x 50

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.