



PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL PAINT SYSTEMS – SPECIFIER

Surface User	PAINT SYSTEM		NO. OF COATS	Total DFT (Microns)
FLOORS	(1) I)	NATIONAL GUARD EPOXY FLOORING TOPCOAT – NATIONAL GUARD PRIMER FOR CEMENT (CLEAR). – NATIONAL GUARD EPOXY FLOORING TOPCOAT – NATIONAL SILICA AGGREGATES AFTER FIRST COAT (IF REQUIRED)	1 2	-
	II)	NATIONAL GUARD EPOXY FLOORING TOPCOAT S.F. - NATIONAL GUARD PRIMER FOR CEMENT (OR) - NATIONAL GUARD EPOXY FLOORING S.F. - NATIONAL SILICA AGGREGATES (IF REQUIRED) - NATIONAL GUARD EPOXY FLOORING S.F. (COLOUR) - (NATIONAL POLYURETHANE H.B. TWO COATS FOR EXTERIOR)	1 1 1 1 - 2	-
	III)	NATIONAL GUARD HEAVY DUTY EPOXY FLOOR SCREED (2-10 MM) - NATIONAL GUARD EPOXY FLOORING PRIMER S.F. - NATIONAL GUARD EPOXY FLOORING S.F. WITH SCREED - NATIONAL GUARD EPOXY FLOORING TOPCOAT S.F. AS TOPCOAT - (NATIONAL POLYURETHANE FLOORING H.B. TWO COATS FOR EXTERIOR)	1 1 – 2 1	-

NATIONAL PAINT SYSTEMS – SPECIFIER

Surface	PAINT SYSTEM		No. of Coats x DFT/Coat (Microns)	Total DFT (Microns)
STRUCTURAL STEEL	(2) I)	ALKYD BASED – NATIONAL RED OXIDE PRIMER. – NATIONAL SYNTHETIC UNDERCOAT. – NATIONAL SYNTHETIC ENAMEL GLOSS I (OR) – NATIONAL SYNTHETIC ENAMEL GLOSS II	1 X 40 2 X 40 – 50 2 X 30 – 40 2 x 30 – 40	180 – 200 (Five Coats)
	II)	EPOXY SYSTEM – NATIONAL GUARD EPOXY RED OXIDE PRIMER. (OR) – NATIONAL GUARD ZINC PHOSPHATE EPOXY PRIMER.\ – NATIONAL GUARD UNDERCOAT H.B. – NATIONAL GUARD TOPCOAT. NOTE: Where colour stability is required Instead of National Guard Topcoat Use Nationalthane / National Polyurethane to achieve 30 –35 microns thickness in a single coat.	1 X 50 1 X 50 2 X 100 - 100	300 – 400 (Four Coats) -
GALVANIZED & NON-FERROUS METAL	(3)	ALKYD BASED – NATIONAL WASH PRIMER. – NATIONAL ZINC CHROMATE PRIMER. – NATIONAL SYNTHETIC UNDERCOAT. – NATIONAL SYNTHETIC ENAMEL GLOSS I OR II (OR) – NATIONAL ECO ENAMEL.	1 X (5-8) 1 X 40 2 X 40 – 50 1 X 40 1 X 40	170 – 190 (Five Coats)



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CONCRETE PLASTER CEMENT GYPSUM WOOD FOR INTERIOR / EXTERIOR	(4)	NATIONAL FIRE RETARDANT PAINT CLEAR - NATIONAL FIRE RETARDANT PAINT WHITE - NATIONAL FIRE RETARDANT CLEAR (OR) - NATIONAL FIRE RETARDANT CLEAR	2 – 3 1 5 - 6	600 - 800 500 600
	(5)	NATIONAL FIRE RETARDANT PAINT – NATIONAL FIRE RETARDANT PAINT WHITE.	4 - 5	1000 - 1250
FOR METAL	(6)	NATIONAL INTUMESCENT PAINT - NATIONAL GUARD ZINC PHOSPHATE EPOXY PRIMER (OR) - NATIONAL GUARD ZINC RICH EPOXY PRIMER - NATIONAL INTUMESCENT PAINT	1 1 4 - 5	1000 - 1250 (4 – 5 coats)
	(7)	NATIONAL INTUMESCENT PAINT (W.B.) - NATIONAL GUARD ZINC PHOSPHATE EPOXY PRIMER (OR) - NATIONAL ZINC RICH EPOXY PRIMER - NATIONAL INTUMESCENT PAINT (W.B.)	1 1 4 - 5	1000 - 1250 (4 – 5 coats)



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Surface	PAINT SYSTEM		No. of Coats x DFT/Coat (Microns)	Total DFT (Microns)
FOR METAL (FERROUS)	(8)	NATIONAL INDUSTRIAL QUICK DRYING ENAMEL - NATIONAL RED OXIDE PRIMER - NATIONAL INDUSTRIAL QUICK DRYING ENAMEL	1 X 40 1 X 40	80
	(9)	NATIONAL STOVING ENAMEL - NATIONAL STOVING PRIMER - NATIONAL STOVING ENAMEL	1 X 40 1 X 50	90
FOR METAL	(10)	NATIONAL HAMMER FINISH - NATIONAL HAMMER FINISH (MIST COAT) - NATIONAL HAMMER FINISH	1 X 20 1 X 40	60
	(11)	NATIONAL RADIATOR COATINGS - NATIONAL RADIATOR COATINGS	1 X 40	40
	(12)	NATIONAL GUARD S.F. - NATIONAL GUARD EPOXY RED OXIDE PRIMER - NATIONAL GUARD S.F. (COLOUR) OR - NATIONAL GUARD S.F	1 X 50 2 X 150 2 X 150	350 300



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Surface	PAINT SYSTEM		No. of Coats x DFT/Coat (Microns)	Total DFT (Microns)
CHEMICAL RESISTANT FLOORING	(13)	NATIONAL GUARD EPOXY GLASSCOTE - NATIONAL GUARD EPOXY FLOORING PRIMER S.F. - NATIONAL GUARD EPOXY GLASSCOTE	1 X 150 2 X 300	750
	(14)	NATIONAL CHLORUBBER TOPCOAT - NATIONAL CHLORUBBER PRIMER - NATIONAL CHLORUBBER M.I.O. - NATIONAL CHLORUBBER TOPCOAT	1 X 75 1 X 50 1 X 40	165
STEEL STRUCTURE	(15)	NATIONAL ZINC SILICATE - NATIONAL ZINC SILICATE - NATIONAL GUARD UNDERCOAT H.B. - NATIONAL GUARD TOPCOAT	1 X 75 1 X 125 1 X 50	250