



NATIONAL CHLORUBBER TOPCOAT
PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL CHLORUBBER TOPCOAT

PRODUCT DESCRIPTION	A physically drying chlorinated rubber based topcoat with excellent resistance to water and various chemicals. The dried film has good adhesion on metal and cementitious surfaces. It has superior abrasion resistance.
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RECOMMENDED USES	Topcoat for structural steel, marine application, machinery, chemical plants and concrete surfaces.
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TECHNICAL DATA

COLOUR, DRY FILM	As per National shade card
FINISH, DRY FILM	Smooth / Glossy
VOLUME SOLIDS (ASTM D2697)	35 ± 2%
SPECIFIC GRAVITY	1.10 ± 0.05
THEORETICAL SPREADING RANGE	8.7 M ² /LTR
RECOMMENDED DFT RANGE (DRY FILM THICKNESS)	40 Microns/Coat
RECOMMENDED WFT RANGE (WET FILM THICKNESS)	115 Microns/Coat
FLASH POINT	25°C
FLEXIBILITY	Good
CHEMICAL RESISTANCE	Excellent
SOLVENT RESISTANCE	Limited
WATER RESISTANCE	Excellent
ABRASION RESISTANCE	Good

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	30 minutes
DRY TO RECOAT / OVERCOAT	5 hours
FULLY CURED	48 hours

ADVANTAGES

NATIONAL CHLORUBBER TOPCOAT	Physically drying, chlorinated rubber based topcoat. It has excellent resistance to water and various chemicals. The dried film has good adhesion on metal, cementitious surface and superior adhesion.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	<p><u>For steel surfaces:</u> Oil and grease should be removed by solvent cleaning. Abrasive blasting to min. Sa 2.5 is required for better anchoring. Corroded areas should be power tool cleaned to St3 or blast cleaned to Sa 2.5. Existing system should be dry and free from loose paint, salt, grease and other contaminants prior to over coating.</p> <p><u>For concrete surfaces:</u> New concrete should be allowed to cure for at least 28 days. Old surface should be free from oil, grease and salt etc. Surface should be dry, clean and sound before painting.</p>
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APPLICATION DATA

APPLICATION METHOD	Airless Spray	Conventional Spray	Brush
CLEANING/THINNING	National Chlorubber Thinner		
THINNER (VOLUME)	5 – 10%	10 – 15%	10%
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 psi		
AIRLESS SPRAY REQUIREMENTS	2200 psi		
NOZZLE SIZE	0.018 – 0.022”		
MIXING RATIO (BY VOLUME)	Not applicable		
POT LIFE @ 30°c (100 ml)	Not applicable		

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	No. of Coats x DFT (Microns)	
	National Chlorubber Primer	: 1 x 75
	National Chlorubber M.I.O.	: 1 x 50
	National Chlorubber Topcoat	: 1 x 40

ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

<p>SAFETY PRECAUTIONS</p>	<p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and airmask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable airmask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.</p> <p>This as industrial product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.</p>
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STORAGE & HANDLING

<p>STORAGE</p>	<p>Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.</p>
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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.

This data sheet supersedes all previous issued.
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