



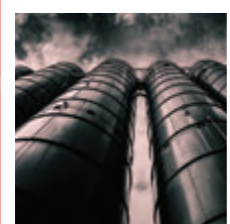
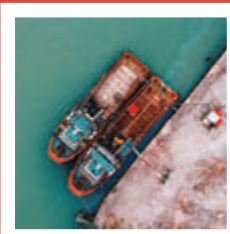
# ZINC CATHODIC COATING SYSTEM



## ZINCODIC EXTREME 80 1K MC

### GENERAL INFO

- NON ISOCYANATE POLYURETHANE
- MOISTURE CURE
- SINGLE PACK SYSTEM
- RESTORE CATHODIC PROTECTION
- ISO 12944 C5H
- ENHANCED IMPACT RESISTANCE
- WATER RESISTANT
- HIGHLY FLEXIBLE
- HIGH CHEMICAL RESISTANCE
- NO VOC
- NO HAP
- NO BPA/F
- NON- FLAMMABLE
- WITHSTANDS PH 5,0 - 12,5





# ZINCODIC EXTREME 80 1K MC

## PRODUCT DESCRIPTION

ZINCODIC EXTREME 80 1K MC IS A 85% ZINC RICH FLEXIBLE POLYURETHANE COATING THAT HAS NO ISOCYANATES, ZERO VOC, ZERO HAP, ZERO BPA/F AND IS NON-FLAMMABLE.

ZINCODIC EXTREME IS A MOISTURE CURE PRODUCT

ZINCODIC EXTREME IS DESIGNED FOR USE IN INDOOR/OUTDOOR APPLICATIONS REQUIRING LOW TOXICITY, DURABILITY AND WATER RESISTANCE PROPERTIES.

CAN BE APPLIED BY BRUSH, ROLLER, GRAVITY SPRAY GUN, PRESSURE POT OR AIRLESS SPRAYING SYSTEM

## APPLICATIONS

ZINCODIC EXTREME CAN BE APPLIED TO METAL SUBSTRATES

## TYPICAL APPLICATIONS

ELECTRICAL TRANSMISSION TOWERS, COMMUNICATION TOWERS, INDUSTRIAL AND COMMERCIAL BUILDINGS, STRUCTURES, BRIDGES, STRUCTURAL ENGINEERING, GENERAL ENGINEERING, PROCESS PLANTS, HIGHLY SUITABLE FOR HIGH HUMIDITY CONDITIONS.

FOR IMMERSION APPLICATIONS, PLEASE CONSULT OUR TECHNICAL DEPARTMENT.

## HANDLING PRECAUTIONS REFER TO SAFETY DATA SHEET

PHYSICAL PROPERTIES	UNIT	STANDARD	VALUE
SINGLE COMPONENT	5 Litres		12,5KG per pail
VISCOSITY	cP (mPa's)	ASTM D 2196 (BROOKFIELD RVDV II, SPINDLE 29,100 RPM) AT 77°F (25°C)	1200
DENSITY AT 77°F (25°C):	(g/cm3)	ASTM D 1298	2,5
ZINC CONTENT - DRY FILM			85% +/- 2%
MOISTURE PROCESS	ABOVE	25%RH	CURES FROM MOISTURE IN THE AIR
POT LIFE			DEPENDANT ON RH
COLOUR	GREY		RAL 7001
NOZZLE SIZE	AIRLESS GRAVITY		15 - 28 THOU 1,8 - 3,5MM
THICKNESS OF THE FILM	micron/mils		75-3 300-7
SOLIDS CONTENT	%		85 % +/- 2%
APPLICATION TEMPERATURE	°F (°C)		41 (5°C) 104 (40°C)
DRY TO TOUCH TRANSPORT READY FULL CURE	HOURS HOURS DAYS	ASTM D1640	3 18 15

## STORAGE

- KEEP IN A WELL VENTILATED PLACE IN TIGHTLY SEALED CONTAINERS
- KEEP AT A TEMPERATURE NOT LESS THAN 59°F (15°C)
- PROTECT FROM FROST
- VISCOSITY INCREASES SIGNIFICANTLY AT LOW TEMPERATURES
- KEEP AWAY FROM HEAT, DIRECT SUNLIGHT
- STORAGE LIFE IS AT LEAST 12 MONTHS FROM THE DATE OF MANUFACTURE IN ORIGINAL UNOPENED SEALED CONTAINERS
- STORE AWAY FROM ACIDS, EXCESSIVE HEAT AND HUMIDITY IN CLOSED CONTAINERS
- ACCORDING TO LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS

FOR FURTHER INFORMATION PLEASE VISIT OUR WEBSITE:

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## TECHNICAL DATA SHEET

PERFORMANCE PROPERTIES			
FLEXIBILITY		ASTM D-522	
IMPACT		ASTM D2794	
HARDNESS (D SHORE)		ASTM D2240	91 +/- 2
SALT WATER IMMERSION		ASTM G44 167 DAYS	

CHEMICAL & STAIN RESISTANCE			
	YES	NO	THROUGHOUT THE COATING
HYDROPHOBIC	X		
STAIN RESISTANT	X		
CHEMICAL RESISTANT	X		pH 5 - 12,5
OIL RESISTANT	X		
HYDRAULIC OIL RESISTANT	X		