

Technical Datasheet



Nav Durga
Chromatics
Pvt. Ltd.

ISO 9001:2008 Certified

CHROMAPOXY ZPPR-601A

PRODUCT:

EPOXY PRIMER POLYAMIDE CURED.

PROPERTIES:

AN ANTI-CORROSIVE EPOXY RESIN BASED ZINC PHOSPHATE PRIMER CURED WITH POLYAMIDE RESIN. THE RED VERSION CONTAINS RED OXIDE OF IRON A PART FROM ZINC PHOSPHATE AND SUITABLY PIGMENTED. THIS PRIMER FORMS TOUGH ADHERENT CORROSION RESISTANT FILM AND IS IDEALLY DESIGNED FOR OFFERING GOOD PROTECTIVE SCHEME FOR CORROSIVE COASTAL CHEMICAL ENVIRONMENT

USES:

AS PRIMER FOR PETROCHEMICAL PLANTS, CHEMICAL PLANTS, FERTILIZERS, REFINERIES, PIPELINES GAS PLANTS, METAL & ENGINEERING INDUSTRIES, MARINE INSTALLATIONS ETC.

SURFACE PREPERATION:

REMOVE GREASE, OIL AND OTHER CONTAMINANTS. PREFERABLY BLAST CLEAN TO SA 2.5 GRADE MINIMUM OF SWEDISH SPECIFICATION SIS-05-5900-1967. THE SURFACE SHOULD BE CLEAN & DRY BEFORE APPLICATION OF CHROMAPOXY ZPPR-601A.

STORAGE LIFE:

UPTO 12 MONTHS AS LONG AS THE SEALED CONTAINERS ARE KEPT UNDER COVER IN A DRY PLACE, UNDER NORMAL TEMPERATURE CONDITION.

PRECAUTION:

NOT TO BE APPLIED WHEN THE TEMPERATURE IS ABOVE 50 ° C AND RELATIVE HUMIDITY RISES ABOVE 90 %.

DO NOT APPLY DURING RAIN, FOG OR MIST.

MIXED PAINT SHOULD BE USED OFF WITHIN STIPULATED POT LIFE.

RESISTANCE GUIDE :

CHEMICAL RESISTANCE :

WEAK MINERAL ACIDS	- GOOD.
COMMON ALKALI	- EXCELLENT.
ALIPHATIC & AROMATIC HYDROCARBONS	- EXCELLENT.
SALT SOLUTION (UPTO 50 ° C)	- EXCELLENT.
WATER	- EXCELLENT.

TEMPERATURE RESISTANCE	: 90° C.
FLEXIBILITY	: GOOD.
ABRASION RESISTANCE	: FAIR.
WEATHERABILITY	: VERY GOOD WITH TOP COAT.

THINNER :

USE NDC EPOXY SPECIAL THINNER FOR CHROMAPOXY ZPPR-601A PRIMER FOR NECESSARY OR USE FOR CLEANING APPLICATION.

TYPE : TWO PACK SYSTEM

AIR DRYING, SELF CURED.

MIXING RATIO :

BASE : ACCELERATOR -3:1 / VOLUME

POT LIFE : 4-6 HOURS

METHOD OF APPLICATION :

BY BRUSH/ROLLER / SPRAY.

AIRLESS SPRAY :

TIP RANGE -15-21 THOU,
TOTAL OUTPUT FLUID PRESSURE
1500-2500 PSI.

FINISH: MATT.

COLOUR: RED, GREY.

FLASH POINT: 25° C.

DRYING TIME :

SURFACE DRY: 2-4 HOURS.

HARD DRY: 18 HOURS.

FULL CURE: 7 DAYS.

RECOMMENDED DFT:

100-150 MICRONS.

CORRESPONDING WFT / COAT:

208-312 MICRONS.

THEORITICAL SPREADING RATE:

3.2-4.8 m²/ ltr / coat

COVERAGE WITH LOSS FACTOR:

I)	20%: 2.56-3.84 m ² / ltr / coat.
II)	30%: 2.24-3.36 m ² / ltr/ coat.
III)	40%: 1.28-2.88 m ² / ltr / coat.

OVERCOATING INTERVAL :

MINIMUM: 24 HRS.

MAXIMUM: 7 DAYS.

DISCLAIMER: The information given in this data sheet is best of our knowledge, observed while tested in ideal condition in our laboratory.

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