

PRODUCT INFORMATION

CHROMAPOXY H.B EPOXY FINISH-809



AN ISO 9001-2008 COMPANY

PRODUCT: HIGH BUILD EPOXY COATING WITH POLYAMIDE CURED.

PROPERTIES: A TWO COMPONENT POLYAMIDE CURED HIGH BUILD EPOXY COATING HAVING EXCELLENT PROPERTIES IN PROTECTION OF METAL & CONCRETE SUSTRATES IN A WIDE RANGE OF CORROSSIVE APPLICATION.

USES: RECOMMENDED FOR USE ON OFFSHORE PLATFORMS, PLATFORMS, STRUCTURALS, STORAGE TANKS.

THE PRODUCT IS SUITABLE & HAS WIDE APPLICATION ON M.S & CONCRETE STRUCTURES OF PETROCHEMICAL PLANTS, CHEMICAL PLANTS, FERTILIZERS, REFINERIES, PIPELINES GAS PLANTS, METAL & ENGINEERING INDUSTRIES, MARINE INSTALLATIONS ETC.

SURFACE PREPERATION: DEGREASE AND BLAST TO SA 2.5 GRADE MINIMUM OF SWEDISH SPECIFICATION SIS-05-5900-1967. SURFACE PROFILE SHOULD NOT BE EXCEEDING 65 MICRONS. REMOVE ALL DUST BY BRUSHING OR VACCUM CLEANING.

SURFACE SHOULD BE CLEAN FROM OIL, GREASE SALTS, AND OTHER CONTAMINANTS BEFORE APPLICATION OF CHROMAPOXY H.B EPOXY - 809 FINISH PAINT ON SUITABLE SOUND PRIMER, PREFERABLY OUR CHROMAPOXY ZPPR-601.

STORAGE LIFE: UPTO 12 MONTHS AS LONG AS THE SEALED CONTAINERS ARE KEPT UNDER COVER IN A DRY PLACE, UNDER NORMAL TEMPERATURE CONDITION. FOR PROPER CURING OF FILM AMBIENT TEMPERATURE SHOULD NOT BE LOWER THAN 20° C.

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.

THINNER :

USE NDC EPOXY SPECIAL THINNER FOR CHROMAPOXY H.B EPOXY - 809 FINISH PAINT 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 RECOMMENDED FOR UNIFORM AND HIGH FILM BUILD)

AIRLESS SPRAY : TIP RANGE -21-26 THOU,
TOTAL OUTPUT FLUID PRESSURE
2500-3500 PSI (176-246 KG/CM²).

FINISH: SEMIGLOSS TO EGGSHELL

COLOUR: OFF WHITE, GREY ,ETC

FLASH POINT: 20° C.

DRYING TIME: **TOUCH DRY:** 3-4 HOURS.
HARD DRY: 12-18 HOURS.
FULL CURE: 7-10 DAYS.

RECOMMENDED DFT: 100-125 MICRONS.

CORRESPONDING WFT / COAT: 167-208 MICRONS.

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 : EXCELLENT.

WEATHERABILITY : VERY GOOD PREFERABLY WITH OUR PRIMER CHROMAPOXY ZPPR-601

THEORITICAL SPREADING RATE:

6.0-4.8 m²/ l / coat

COVERAGE WITH LOSS FACTOR:

I) 20%: 4.8-3.8 m²/ l / coat.

II) 30%: 4.2-3.3 m² / l / coat.

III) 40%: 3.6-2.8 m² / l / coat.

OVERCOATING INTERVAL : MINIMUM: OVERNIGHT
MAXIMUM: 5 DAYS.

PACKING: 20 LTRS. & 4 LTRS.

DISCLAIMER: THE INFORMATION GIVEN IN THIS PRODUCT INFORMATION TO THE BEST OF OUR KNOWLEDGE OBSERVED WHILE TESTED IN IDEAL CONDITION IN OUR LABORATORY.

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