

Technical Datasheet



Nav Durga
Chromatics
Pvt. Ltd.

ISO 9001:2008 Certified

CHROMAPOXY H.B. EPOXY BLACK

<p>PRODUCT: HIGH BUILD EPOXY POLYAMIDE FINISH</p>	<p>TYPE : TWO PACK SYSTEM AIR DRYING, SELF CURED.</p>
<p>PROPERTIES: A TWO COMPONENT POLYAMIDE CURED EPOXY COATING FOR PROTECTION OF METAL AND CONCRETE SUBSTRATES IN A WIDE RANGE OF CORROSSIVE CONDITIONS.</p>	<p>MIXING RATIO : BASE : ACCELERATOR - 2:1 / VOLUME</p>
<p>USES: FOR D.I PIPES, FITTINGS & COMPONENTS , CHEMICAL PLANTS, PETROCHEMICAL PLANTS, REFINERIES, AND MARINE INSTALLATIONS ETC.</p>	<p>POT LIFE : 2-4 HOURS</p>
<p>SURFACE PREPERATION: DEGREASE AND BLAST CLEAN TO SAE 2½ GRADE MINIMUM OF SWEDISH STANDARD SIS -05-5900-1967. SURFACE PROFILE SHOULD NOT EXCEED 65 MICRONS .REMOVE ALL DUST BY BRUSHING OR VACCUM CLEANING.</p> <p>SURFACE SHOULD BE CLEAN FROM OIL, GREASE, SALTS, AND OTHER CONTAMINANTS BEFORE APPLYING CHROMAPOXY H.B.EPOXY POLYAMIDE PAINT ON SUITABLE SOUND PRIMER, PREFERABLY OUR CHROMAPOXY ZPPR 601.</p>	<p>METHOD OF APPLICATION : BY BRUSH/ROLLER / SPRAY. (AIRLESS SPRAY RECOMMENDED FOR UNIFORM AND NECESSARY HIGH FILM BUILD.)</p> <p>BEFORE APPLICATION STIR THE CONTENTS OF EACH CAN THOROUGHLY WITH A BROAD FLAT STIRRER.</p> <p>MIX BASE WITH ACCELERATOR IN A POT THOROUGHLY WITH A POWER MIXER.</p>
<p>STORAGE LIFE: UPTO 9 MONTHS AS LONG AS THE SEALED CONTAINERS ARE KEPT UNDER COVER IN A DRY PLACE, UNDER NORMAL TEMPERATURE CONDITION.</p>	<p>AIRLESS SPRAY : TIP RANGE -18-26 THOU, TOTAL OUTPUT FLUID PRESSURE 2500-3000 PSI.</p>
<p>PRECAUTION: NOT TO BE APPLIED WHEN THE TEMPERATURE IS ABOVE 50 ° C AND RELATIVE HUMIDITY RISES ABOVE 90 %.</p> <p>DO NOT APPLY DURING RAIN, FOG OR MIST.</p> <p>FOR PROPER CURING OF FILM AMBIENT TEMPERATURE SHOULD NOT BE LOWER THAN 20 ° C AND DURING APPLICATION ADEQUATE VENTILATION SHOULD BE PROVIDED.</p>	<p>FINISH: SEMIGLOSS OR EGGSHELL.</p> <p>COLOUR : SELECTED RANGE</p> <p>FLASH POINT: 25° C.</p> <p>DRYING TIME :</p> <p>TOUCH DRY: 3-5 HOURS. HARD DRY: 18 HOURS. FULL CURE: 7-10 DAYS.</p> <p>RECOMMENDED DFT: 300-400 MICRONS.</p> <p>CORRESPONDING WFT / COAT: 385-513 MICRONS.</p>
<p>HANDLING: AS WITH CHEMICALS, INGESTION, INHALATION AND PROLONGED OR REPEATED SKIN CONTACT SHOULD BE</p>	<p>THEORITICAL SPREADING RATE: 2.60 – 1.90 m²/l.</p>

<p>AVOIDED BY GOOD OCCUPATIONAL WORK PRACTICE.</p> <p>EYE PROTECTION SHOULD BE PROVIDED IF THERE BE A RISK OF ENTERING THE EYES.</p> <p>ALWAYS WASH HANDS BEFORE SMOKING, EATING, DRINKING OR USING THE TOILET.</p> <p>WHILE APPLICATION OF PAINT PROVIDE GOOD VENTILATION AND AVOID INHALATION OF SPRAY MIST AND FUMES .USER SHOULD COMPLY WITH THE SPRAY PAINTING REGULATIONS.</p>	<p><u>COVERAGE WITH LOSS FACTOR:</u></p> <p>I) 20%: 2.08-1.52 m²/l. II) 30%: 1.80-1.33 m²/l. III) 40%: 1.56-1.14 m²/l.</p> <p><u>OVERCOATING INTERVAL :</u></p> <p>MINIMUM: 24 HRS.</p> <p>MAXIMUM: 7 DAYS.</p>
<p>FLAMMABILITY: THIS PRODUCT IS FLAMMABLE. ALL SOURCES OF IGNITION MUST BE ELIMINATED IN OR NEAR THE WORKING AREA.</p>	<p>THINNER : USE NDC EPOXY SPECIAL THINNER FOR CHROMAPOXY H.B.EPOXY POLYAMIDE PAINT FOR NECESSARY OR USE FOR CLEANING APPLICATION</p>

<p>RESISTANCE GUIDE :</p> <p><u>CHEMICAL RESISTANCE :</u></p> <p>WEAK MINERAL ACIDS - GOOD.</p> <p>CONCENTRATED SOLUTION OF COMMON ALKALI - EXCELLENT.</p> <p>ALIPHATIC & AROMATIC HYDROCARBONS - EXCELLENT.</p> <p>SALT SOLUTION (UPTO 50 ° C) - EXCELLENT.</p> <p>TEMPERATURE RESISTANCE: 90° C.</p> <p>FLEXIBILITY: MODERATE.</p> <p>ABRASION RESISTANCE: VERY GOOD.</p>	<p>RESISTANCE GUIDE :</p> <p><u>CHEMICAL RESISTANCE :</u></p> <p>WEAK MINERAL ACIDS - GOOD.</p> <p>CONCENTRATED SOLUTION OF COMMON ALKALI - EXCELLENT.</p> <p>ALIPHATIC & AROMATIC HYDROCARBONS - EXCELLENT.</p> <p>SALT SOLUTION (UPTO 50 ° C) - EXCELLENT.</p> <p>TEMPERATURE RESISTANCE: 90° C.</p> <p>FLEXIBILITY: MODERATE.</p> <p>ABRASION RESISTANCE: VERY GOOD.</p>
--	--

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

WORKS: POST & VILL & PO: BAMUNARI, NH -2, DELHI ROAD .DIST HOOGHLY, 712205, WEST BENGAL. PHONE: 9830317320
OFFICE: JEEVAN NIWAS, 30A, BLOCK -R, NEW ALIPORE, 2ND FLOOR, FLAT A/5
KOLKATA: 700 053,
CONTACT: +91 9830848300 / 9830849200 / 9674129944.

