

# Technical Datasheet



Nav Durga  
Chromatics  
Pvt. Ltd.

ISO 9001:2008 Certified

## CHROMAPOXY H.B EPOXY FINISH-809

<p><b>PRODUCT:</b> HIGH BUILD EPOXY COATING WITH POLYAMIDE CURED.</p>	<p><b>TYPE :</b> TWO PACK SYSTEM AIR DRYING, SELF CURED.</p>										
<p><b>PROPERTIES:</b> A TWO COMPONENT POLYAMIDE CURED HIGH BUILD EPOXY COATING HAVING EXCELLENT PROPERTIES IN PROTECTION OF METAL &amp; CONCRETE SUSTRATES IN A WIDE RANGE OF CORROSSIVE APPLICATION.</p>	<p><b>MIXING RATIO :</b> BASE : ACCELERATOR -3:1 / VOLUME</p>										
<p><b>USES:</b> RECOMMENDED FOR USE ON OFFSHORE PLATFORMS, PLATFORMS, STRUCTURALS, STORAGE TANKS.</p> <p>THE PRODUCT IS SUITABLE &amp; HAS WIDE APPLICATION ON M.S &amp; CONCRETE STRUCTURES OF PETROCHEMICAL PLANTS, CHEMICAL PLANTS, FERTILIZERS, REFINERIES, PIPELINES GAS PLANTS, METAL &amp; ENGINEERING INDUSTRIES, MARINE INSTALLATIONS ETC.</p>	<p><b>POT LIFE : 4-6 HOURS</b></p>										
<p><b>SURFACE PREPERATION:</b> 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.</p> <p>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.</p>	<p><b>METHOD OF APPLICATION :</b> BY BRUSH/ROLLER / SPRAY.</p> <p>(AIRLESS SPRAY RECOMMENDED FOR UNIFORM AND HIGH FILM BUILD)</p>										
<p><b>STORAGE LIFE:</b> 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.</p>	<p><b>AIRLESS SPRAY :</b> TIP RANGE -21-26 THOU, TOTAL OUTPUT FLUID PRESSURE 2500-3500 PSI (176-246 KG/CM<sup>2</sup>).</p>										
<p><b>PRECAUTION:</b> 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>MIXED PAINT SHOULD BE USED OFF WITHIN STIPULATED POT LIFE.</p>	<p><b>FINISH:</b> SEMIGLOSS TO EGGSHELL</p> <p><b>COLOUR:</b> AS PER RAL &amp; BIS SHADE CARD.</p> <p><b>FLASH POINT: 20° C.</b></p>										
<p><b>RESISTANCE GUIDE :</b></p> <p><b>CHEMICAL RESISTANCE :</b></p> <table border="0"> <tr> <td>WEAK MINERAL ACIDS</td> <td>- GOOD.</td> </tr> <tr> <td>COMMON ALKALI</td> <td>- EXCELLENT.</td> </tr> <tr> <td>ALIPHATIC &amp; AROMATIC HYDROCARBONS</td> <td>- EXCELLENT.</td> </tr> <tr> <td>SALT SOLUTION (UPTO 50 ° C)</td> <td>- EXCELLENT.</td> </tr> <tr> <td>WATER</td> <td>- EXCELLENT.</td> </tr> </table> <p><b>TEMPERATURE RESISTANCE :</b> 90° C.</p> <p><b>FLEXIBILITY :</b> GOOD.</p> <p><b>ABRASION RESISTANCE :</b> EXCELLENT.</p> <p><b>WEATHERABILITY :</b> VERY GOOD PREFERABLY WITH OUR PRIMER CHROMAPOXY ZPPR-601</p>	WEAK MINERAL ACIDS	- GOOD.	COMMON ALKALI	- EXCELLENT.	ALIPHATIC & AROMATIC HYDROCARBONS	- EXCELLENT.	SALT SOLUTION (UPTO 50 ° C)	- EXCELLENT.	WATER	- EXCELLENT.	<p><b>DRYING TIME :</b></p> <p><b>TOUCH DRY:</b> 3-4 HOURS. <b>HARD DRY:</b> 12-18 HOURS. <b>FULL CURE:</b> 7-10 DAYS.</p> <p><b>RECOMMENDED DFT:</b> 100-125 MICRONS.</p> <p><b>CORRESPONDING WFT / COAT:</b> 167-208 MICRONS.</p>
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<p><b>THINNER :</b></p> <p>USE NDC EPOXY SPECIAL THINNER FOR CHROMAPOXY H.B EPOXY - 809 FINISH PAINT FOR NECESSARY OR USE FOR CLEANING APPLICATION.</p>	<p><b>THEORITICAL SPREADING RATE:</b> 6.0-4.8 m<sup>2</sup>/ l / coat</p> <p><b>COVERAGE WITH LOSS FACTOR:</b></p> <p><b>I) 20%:</b> 4.8-3.8 m<sup>2</sup>/ l / coat.</p>										

**PACKING : 20 LTRS. & 4 LTRS.**

**II)** 30%: 4.2-3.3 m<sup>2</sup> / l / coat.  
**III)** 40%: 3.6-2.8 m<sup>2</sup> / l / coat.

**OVERCOATING INTERVAL :**  
**MINIMUM: OVERNIGHT**

**MAXIMUM: 5 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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