

Technical Datasheet



Nav Durga
Chromatics
Pvt. Ltd.

ISO 9001:2008 Certified

CHROMAPOXY HB CTE 355

PRODUCT DESCRIPTION:

CHROMAPOXY HB CTE 355 is high build; high solid two component amine cured specially pigmented, water resistant coal tar epoxy coating with superb and unparallel performance in highly saline, chemical and corrosive environments. It is absolutely unaffected by alkalinity or sulphates in soil water. It is also very suitable for varied use in conjunction with cathodic protection.

USES:

It can be used on all kinds of pipelines, structural steel and most equipment for refineries, fertilizers and chemical installations. It is highly recommended as an ideal and excellent coating on barrage gates and hydel penstocks among others.

SURFACE PREPARATION:

As with all surface coating, Preparation of the surface is of great importance & which influence the degree of adhesion obtained & the life of the coating.

All surfaces are must be sound, stable and thoroughly cleaned and dry. The surface should be thoroughly shot blasted and should be dry and free from grease, oil dirt, moisture, welding splutters, shoots, speaks etc. Blast clean to Swedish Standard SIS 05 5900 Sa 2½ or British Standard 7079 equivalent by dry or wet blasting techniques. Maximum profile 65 microns.

Note:

Where shot blasting is not possible in such cases acid cleaning or mechanical cleaning is recommended.

STORAGE LIFE:

12 (Twelve) months from the date of manufacture in an airtight & properly sealed container.

HEALTH & SAFETY:

Please refer to the separate safety data sheet available with details information.

TYPE: Two pack system

MIXING RATIO:

Base : Hardener = 2:1 (By Volume)

Stir the contents of the base & continue stirring and gradually add the entire hardener and continue stir till a homogenous mix is obtained.

Allow to induct mixed paint for 10-15 min before application.

METHOD OF APPLICATION:

Brush:

Apply preferably without thinning. However, if required use 5% of NDC Special thinner under adverse environmental conditions.

Airless Spray:

Apply preferably without thinning, however up to 5% of NDC special thinner may be added if absolutely essential depending on condition. Use any standard equipment having pump ratio 40:1.

Tip range: 20-30 thou.

Total output fluid pressure :2000-3000 psi

NOTES :

i) Use the mixed paint within the stipulated pot life period.

ii) Do not apply when temperature falls below **10° C** or rises above **50° C** and when relative humidity rises above **90%**.

iii) Brushes and spray equipment should be cleaned with NDC Special thinner otherwise equipment is likely to be damaged.

RECOMMENDED DFT: 300-350 microns /per coat.

WFT: 454-530 microns/per coat.

POT LIFE: 2-3 hours.

COLOUR: Black.

DRYING TIME :

Touch Dry	: 3 hours
Hard Dry	: 12 hours
Curing Time	: 7 days

OVERCOATING INTERVAL : Minimum : 24 Hours
Maximum : 5 days

THEORITICAL SPREADING RATE:

2.2 m²/l - 1.88 m²/l.

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 / 98308 49200 / 9674129944.