

Nerochlor HB Enamel

Product Description

Single pack plasticized chlorinated rubber based medium with chemical and weather resistant pigments.

Recommended Use

Nerochlor High Build paint is single pack, air drying chlorinated rubber-based paint. It is recommended as a topcoat for protection of structural steel / equipments exposed in industrial environment as in fertilizer plants, on shore and offshore structures, sugar and paper mills, thermal power plants etc. It has resistance to splash of mild chemicals and provides good exterior durability.

PHYSICAL PROPERTIES

Colour
Finish

Various shades.
Matt to Eggshell

PRODUCT FEATURES

Good resistance to water and sea water
Good resistance to oils and chemicals
Excellent adhesion to epoxy primers

Product Details

Volume solids



40 ± 3%

DFT/Coat



30 - 40 µ

VOC (EPA Method 24)



522 gm/ltr.

Theoretical Coverage/Coat



10.0 - 13.3 m²/ltr.

Pack size

4 Ltr. & 20 Ltr.

Drying at 30°C & 65% RH

Surface (Touch) Dry	20 – 30 mins.
Hard Dry	16 - 18 Hrs.
Full Cure	7 Days

Overcoating Interval

Temperature	20°C	30°C	40°C
Min	24 Hrs.	16 Hrs.	14 Hrs.
Max	7 days	7 days	7 days

The drying time varies with respect to changes in temperature, humidity & DFT. After max. overcoating interval the surface should be roughened prior to application of subsequent coat.

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Surface Preparation

All surfaces to be coated should be cleaned as per below guidelines:

- Remove oil, grease and other contaminants by suitable cleaner as per SSPC SP-1
- Remove dust, dirt and loose particles
- Surface should be clean & dry before application of coating

Nerochlor HB Enamel must be applied as per the recommended coating system. The primed surface must be clean, dry and free from moisture, grease and other contaminants. In case of aged primer under coat, the surface should be sufficiently roughened prior to application of topcoat.

Application Instructions

Stir the paint in the drum until homogenous. If settling is observed in the drum, loosen the settled material & mix it with the help of pneumatic stirrer until uniform. Use Nerolac recommended thinner.

Curing Mechanism

Solvent release and oxidative drying

Thinner Consumption

Airless Spray	0 – 5%
Brush	0 – 5%
Conventional Spray	0 -- 15%

The product can be applied by:

- Airless Spray – Nozzle pressure: 160 bar [2300 psi] Nozzle orifice: 0.012–0.015"
- Conventional Spray
- Brush / Roller

During application following precautions should be taken:

- Relative humidity must be below 85% during application as well as during curing
- Do not allow material to remain in hoses, gun or spray equipment
- Clean all equipment with recommended thinner immediately after completion of job

Environmental Conditions

Surface temperature must be 3°C above Dew Point to prevent condensation.

Air	5 – 40°C
Surface	5 – 50°C
Relative Humidity	Below 85%

Storage & Shelf Life

12 months under normal storage condition in original sealed containers at 30°C

Heavy pigments will have a natural tendency to settle down over time. Mix uniformly with heavy duty stirrer prior to usage. Hard settling may occur if stored above the recommended storage temperature.

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Safety Precautions

Please refer to the Material Safety Data Sheet.

Product Compatibility

Compatible over epoxy and alkyd system

Special Notes

Thinner consumption may vary depending upon site conditions. Practical covering capacity depends on application techniques, ambient conditions, wastage, surface condition etc. The drying time and overcoating interval vary with respect to change in temperature, humidity, film thickness, ventilation, thinner intake etc.

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