

Neropoxy HB Coating 6061

Product Description

Epoxy resin suitably pigmented & separately packed polyamide hardener.

Recommended Use

Neropoxy HB Coating 6061 is a two pack high build epoxy polyamide cured paint. This paint is designed to use as an intermediate & topcoat in most of epoxy systems. It has good resistance against water & splash of mild chemicals. It can be recoated with epoxy, polyurethane, chlorinated rubber and conventional coating. As in all epoxies, the product chalks on weathering which results in fading.

Product Details

PHYSICAL PROPERTIES

Colour	Grey
Finish	Smooth & Matt
Temperature Resistance	Non-continuous: 120°C, Continuous: 100°C

PRODUCT FEATURES

Excellent adhesion to steel surfaces
 Excellent resistance to water and sea water
 Good resistance to oils and chemicals
 Good resistance to highly corrosive & humid conditions

Product Details

Volume solids



65 ± 3%

DFT/Coat



100 - 125 μ

VOC (EPA Method 24)



305 gm/Lit

Theoretical Coverage/Coat



5.2 – 6.50 m²/ltr.

Pack size

20 Ltr.: (18.57 Ltr. -Part A+ 1.43 Ltr. Part B = 20 Ltr. Mix).

Drying at 30°C & 65% RH

Surface (Touch) Dry	2 – 3 Hrs.
Hard Dry	16 - 18 Hrs
Full Cure	7 Days

Overcoating Interval

Temperature	20°C	30°C	40°C
Min	12 Hrs.	8 Hrs.	6 Hrs.
Max	5 days	5 days	5 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

Neropoxy HB Coating 6061 topcoat 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 Comp. A until uniform. If settling is observed in the component A, loosen the settled material & mix it with the help of pneumatic stirrer. Mix component B gradually into component A in the specified ratio under continuous stirring till homogeneous. Use Nerolac Epoxy thinner as specified.

Mixing Ratio by Volume

Component A : Component B

13 : 1 By Volume

Pot Life

Up to 4 hrs at 30°C

Curing Mechanism

Solvent release and chemical reaction between two components.

Thinner Consumption

Airless Spray

0 – 10%

Brush

0 – 10%

Conventional Spray

5 – 20%

The product can be applied by:

- Airless Spray – Nozzle pressure: 175 bar [2500 psi] Nozzle orifice: 0.017–0.021"
- 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%

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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.

Safety Precautions

Please refer to the Material Safety Data Sheet.

Product Compatibility

Suitable Top coats:- Epoxy, PU, Alkyd, Fluro, polysiloxane.

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.

Outdoor exposure in sunlight or exposure to elevated temperatures may result in chalking / discoloration in all epoxies. However, it does not affect the anti-corrosive performance.

Exposure to standing water may result in discoloration / spot rusting in case of low DFT.

DISCLAIMER:

KANSAI NEROLAC PAINTS Ltd. (KNPL) warrants that all products are free from any defects of manufacture and comply with the specification given in their respective technical data sheet. No warranty can be given as to the results of use because conditions of use, such as site conditions, surface preparations, workmanship, weather, structural issues and other factors are beyond the control of **NEROLAC**. Purchaser agrees to seek the advice of qualified professionals to carry out tests and take trials to determine the suitability of products for their intended purpose prior to full scale use of KNPL products and assumes all risks.

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