

Neropoxy HB Coating 6061

Scope

Neropoxy HB Coating 6061 is a two pack high build epoxy polyamide cured matt paint. This paint is designed to use as an intermediate & topcoat in most of epoxy systems. It has good resistance against water, acid & heat resistance in ambient temperature. It can be recoated with epoxy, polyurethane, chlorinated rubber and conventional coating. As in all epoxies, the product chalks on weathering which results fading. The product may show the brush marks when applied by brush.

Composition

Epoxy resin suitably pigmented & separately packed clear polyamide solution as hardener.

Volume solids	65 ± 3%
DFT / Coat	60 – 125 µ
Theoretical Coverage / Coat	5.20 - 10.80 m ² /ltr.

Product Details

Type	Two Pack
Mixing Ratio	By volume
Component A	13 parts
Component B	1 part
Colour	Various
Gloss	Matt
Pot Life	4 – 6 Hrs. at 30°C
Curing Mechanism	Solvent release and chemical reaction between the components
Flash Point	
Component A	Above 25°C
Component B	Above 25°C
Recoating Time	Min.18 Hrs. Max.1month provided surface is dry-clean & free from any contaminants. After max. over coating interval the surface should be roughened prior to application of subsequent coat.
Drying Time (30°C)	
Surface Dry	2 – 3 Hrs.
Hard Dry	16 – 18 Hrs.
Full Cure	7 Days
Thinner	T-353
Thinner Consumption	
Conventional Spray	25 – 35%
Brush	10 – 15%

Application Details

Applied over:

Epoxy Primer, undercoat / Zinc Primer

Application Method:

Brush / Airless spray / Conventional spray

Shelf Life:

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

Pack Size:

20 ltrs.

Surface Preparation:

Recommended to use on Zinc Primer epoxy primer or epoxy undercoat. Before applying this epoxy coating, the primed surface must be clean, dry & free from moisture, grease and other contaminants. In case of aged epoxy primer, the surface should be sufficiently roughened prior to painting.

Application Instruction:

Stir the Comp.A and Comp.B separately. 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 the component A in the specified ratio under continuous stirring till homogeneous. Use Epoxy thinner(T-353) as specified.

Environmental Conditions:

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

Temperature:

Air	5 - 40°C
Surface	5 - 50°C

Special Notes:

Thinner consumption may vary depending upon site conditions. Practical covering capacity depends on application techniques, ambient conditions, wastage, surface condition etc.

Safety Precautions:

Please refer to the Material Safety Data Sheet.

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