

Neropoxy 62 TL HB Coating

Scope

Neropoxy 62 TL HB Coating is a two-pack high build epoxy polyamine adduct cured tank lining paint system. This product is self-priming epoxy coating designed to use tank lining for the storage of fresh & salt water, brine, sweet & sour crude, other refined petroleum products & solvents. It has excellent resistance against highly corrosive & humid atmosphere, able to sustain upto 80°C dry heat). For wet temp resistance, consult KNPL technical team.

Composition

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

Volume solids	62 ± 3 %
DFT / Coat	75-150 μ
Theoretical Coverage /Coat	4.13 – 8.26 m ² / ltr.
VOC (EPA Method 24)	350 gm/Lit
Product Weight	1.40kg/lit

Product Details

Type	Two Pack
Mixing Ratio	By volume
Component A	4 parts
Component B	1 part
Colour	Light & Dark Grey
Gloss	Matt to Eggshell
Pot life	1 hrs at 30°C
Curing mechanism	Solvent release and chemical reaction between two components.
Flash Point	
Component A	Above 25°C
Component B	Above 25°C
Drying Time (30°C)	
Surface Dry	2 - 3 Hrs
Hard Dry	16 - 18 Hrs
Full Cure	7 Days
Recoating Time	Min. 18 Hrs Max. 5 days provided surface is dry, clean & free from any contaminants.
Cure for Immersion	7 Days
Thinner	Range of Nerolac Epoxy Thinner
Thinner Consumption	
Conventional Spray	5 - 20%
Brush	5 - 15%
Airless Spray	0 - 10%

Application Details

Applied over:

Blast cleaned steel

Application Method:

Conventional spray / Airless spray / Brush

Shelf Life:

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

Pack Size:

20 ltrs : (16 Lits - Part A + 4 Lits Part B = 20 ltrs Mix).

Surface Preparation:

Before applying the coating, all surfaces must be clean, dry and free to from mill scale. Blast cleaning to Sa 2.5 of International Standard ISO 8501 1 is the only satisfactory method of preparing steel surfaces.

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 component A in the specified ratio under continuous stirring till homogeneous. Use Nerolac Epoxy thinner as specified.

Environmental Condition:

Surface temperature must be at least 3°C above the dew point to prevent moisture 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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