

# Neroline 9000

## Scope

Neroline 9000 Coating is a two-pack high build epoxy phenolic system cured with amine adduct. This product is 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 & MS structure. It can provide a temperature resistance up to 160°C (Dry). For wet temp resistance, consult KNPL technical team

## Composition

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

Volume solids	65 ± 3 %
DFT / Coat	75-150 μ
Theoretical Coverage / Coat	4.3- 8.6 m <sup>2</sup> / ltr.
VOC (EPA Method 24)	327 gm/Lit
Product Weight	1.32 kg/lit

## Product Details

Type	Two Pack
Mixing Ratio	By volume
Component A	4 parts
Component B	1 part
Colour	White & 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.
Thinner	Range of Nerolac Epoxy Thinner
Thinner Consumption	
Conventional Spray	5 - 20%
Brush	2 - 15%
Airless Spray	0 - 10%

## Application Details

### Applied over:

Blast cleaned / prepared surface.

### Application Method:

Brush / Conventional spray / Airless spray

### Shelf Life:

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

### Pack Size:

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

### Surface Preparation:

Before applying the coating, all surfaces must be clean, dry, and free mill scale. Blast cleaning to Sa-2.5 grade of international standard to ISO 8501-1:2007 is the only satisfactory method of preparing steel surfaces. Manual or mechanical chipping, scraping and wire brushing to St-3 grade of international standard is recommended only where cleaning is not feasible.

### Application Instruction:

Stir the Comp. A and Comp. B separately. If settling is observed in the comp A, loosen the settled material and mix it with the help of pneumatic stirrer. Mix comp B gradually into the comp A in the specified ratio under continuous stirring till homogenous. Use epoxy thinner as specified for brush and spray application.

### 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.

### Environmental Conditions:

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

### Temperature:

Air	5 - 40°C
Surface	5 - 50°C

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