

# Nerotide 1054

## Scope

Nerotide 1054 is a two-component high build barrier coat designed to give long term protection in singlecoat. It forms a tough shield providing long-lasting protection in continuous or intermittent immersion against repeated splash wetting, wave action, and salt air exposure. Gives excellent barrier protection when used on tank roofs, embedded parts. It can be exposed to still-water contact right after application and spray applied to horizontal, vertical, overhead surfaces or complex structural configurations

## Composition

Pigments dispersed in epoxy binder with separately packed amine hardener.

Volume solids	90 ± 3 %
DFT / Coat	100 - 500 μ
Theoretical Coverage /Coat	1.8 - 9.0 m <sup>2</sup> / ltr.
VOC (EPA Method 24)	120 gm/Lit
Product Weight	1.38kg/lit

## Product Details

Type	Two Pack
Mixing Ratio	By Volume
Component A	4 Part
Component B	1 Part
Colour	In desired shades
Gloss	Semi Glossy
Pot Life	1 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
Drying Time (30°C)	
Surface Dry	4 - 5 Hrs
Hard Dry	16 - 18 Hrs
Full Cure	7 Days
	Min.8 Hrs Max. 5 days provided surface is dry, clean & free from any contaminants.
Recoating Time	
Thinner	Range of Nerolac Epoxy Thinner
Thinner Consumption	
Conventional Spray	5 - 20%
Brush	5 - 15%
Airless Spray	0-15%

## 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.

### 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 scrapping 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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