

Neromastic 4000

Scope

Neromastic 4000 is a high-performance maintenance coating for new and old steel. It is a self-priming topcoat over most existing coatings and can be top coated with a wide range of topcoats. Neromastic 4000 resists high humidity and moisture and is compatible with tightly adherent rust remaining on prepared surfaces. It is also used in those areas, where blast cleaning not possible. As a maintenance coating, Neromastic 4000 with suitably top coated protects steel structures in industrial facilities, bridges, tank exteriors, piping, storage and other structures, can withstand up to 120°C

Composition

Two pack epoxy paint with pigmented resin component and pigmented hardener component. This is low VOC product.

Volume solids	83 ± 3 %
DFT / Coat	100- 200 μ
Theoretical Coverage / Coat	4.15 - 8.30 m ² / ltr.
VOC (EPA Method 24)	175 gm/Lit
Product Weight	1.46 kg/lit

Product Details

Type	Two Pack
Mixing Ratio	By volume
Component A	1 part
Component B	1 part
Colour	Various shades
Gloss	Semi glossy to Eggshell
Induction Time	N.A.
Pot Life	1.5 Hrs.(Max) at 30°C
Curing Mechanism	Solvent release and chemical reaction between the components
Flash Point	Above 25°C
Recoating Time	12 Hours minimum
Drying Time (30°C)	
Surface Dry	1•2 Hours max.
Hard Dry	10 - 12 Hours
Full Cure	7 Days
Thinner	Range of Nerolac Epoxy Thinner
Thinner Consumption	
Conventional Spray	10- 15 %
Brush	0 - 5 %
Airless Spray	0 - 10 %

Application Details

Applied over:

Manually cleaned / Blast cleaned / primed surface.

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/40lits.: (10 Lits/20lits - Part A + 10 Lits/20lits Part B = 20 lits /40litsMix).

Surface Preparation:

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

Application Instruction:

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

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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