

Neromastic 5000

Scope

Neromastic 5000 is a high build self-priming surface tolerant general maintenance coating for new or old steel. Neromastic 5000 is used in those areas where blasting is not possible. As a maintenance coating facilities, bridges, tank exteriors, marine exteriors, marine weathering, off-shore, oil tanks, piping, roofs, water tower etc. The glass flake reinforcing provides a high degree of moisture resistance and excellent abrasion and impact resistance. The product has temperature resistance up to 200°C max.

Composition

Pigments and glass flake dispersed in epoxy novalac binder with separately packed high solids polyamine hardener.

Volume solids	74 ± 3 %
DFT / Coat	125 - 150 μ
Theoretical Coverage / Coat	4.90 - 5.90 m ² / tr.
VOC (EPA Method 24)	250 gm/Lit
Product Weight	1.35kg/lit

Product Details

Type	Two Pack
Mixing Ratio	By Volume
Component A	1 Parts
Component B	1 Part
Colour	Grey & Light Colour
Gloss	Semi-glossy
Pot Life	1 hrs. at 30° C
Curing Mechanism	Solvent release and chemical reaction between the components
Flash Point	Above 25°C
Drying Time (30°C)	
Surface Dry	Max. 2 Hrs.
Hard Dry	16 - 18 Hrs
Full Cure	7 Days
Recoating Time	Min. 16 Hrs. Max. 5 Days.
Thinner Intake	Range Nerolac Epoxy Thinner
Brush	0 - 5%
Conventional Spray	5 - 10%
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.: (10 Lits - Part A + 10 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 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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