Neromastic 400

Scope

Neromastic 400 is a high build-high solids self priming surface tolerant general maintenance coating for new or old steel. Neromastic 400 is used in those areas where blasting is not possible. As a maintenance coating, Neromastic 400 protects steel as well as concrete structure in industrial facilities, bridges, tank exteriors, marine exteriors, marine weathering, off-shore, oil tanks, piping, roofs, water towers etc.

Composition

Two pack epoxy resin based suitable pigmented and capable of adhering to manually prepared surface and old coating.

Volume solids	80 ± 3 %
DFT / Coat	100 – 125 µ
Theoretical Coverage / Coat	6.40 – 8.0m² / ltr.

Product Details

Type	Two Pack
Mixing Ratio	By Volume
Component A	1 Part
Component B	1 Part
Colour	In desired shades
Gloss	Matt to eggshell
Pot Life	2 hrs. at 30° C
Curing Mechanism	Solvent release and chemical reaction between the components
Flash Point	Above 25°C
Drying Time (30°C)	
Touch Dry	Max. 2 -3 Hrs.
Hard Dry	16 – 18 Hrs
Recoating Time	Min. 10 Hrs. Max. 5 Days.
Thinner	Nerolac Epoxy Thinner
Thinner Consumption	
Brush	0 – 5%
Conventional Spray	5 – 10%
Airless Spray	0 – 5%
Suitable Overcoating	Chlorinated rubber, epoxy and polyurethane coatings.

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:
8 ltrs. & 20 ltrs.

Surface Preparation:
Before applying the primer, all surfaces must be clean, dry, and free from mill scale. Blast cleaning to Sa-2.5 grade of International Standard to ISO 8501-1: 1988 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 where blast cleaning is not feasible.

Application Instruction:
Stir the component A and component B respectively. If settling observed in the component A, loosen the settled material and mix it with the help of pneumatic stirrer. Mix component B gradually in the component A in the specified ratio under continuous stirring till homogeneous. Use recommended thinner as specified for brush and spray application.

Environmental Conditions:
Surface temperature must be 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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Tel: 2493 4001
Email us at **protectivecoating@nerolac.com**
Visit us at **www.nerolac.com**

KANSAI NEROLAC PAINTS LIMITED
GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI 400 013.