

Neropoxy 3842 ZP Primer Grey

Scope

Neropoxy 3842 zinc phosphate primer Grey is a general purpose protective primer recommended for protection of structural steel, equipment, conveyors, storage tanks etc in mild to moderate chemical exposure environment. It has good adhesion on steel.

Composition

Anti-corrosive zinc phosphate dispersed in epoxy binder with separately packed modified polyamide hardener.

Volume solids	42 ± 3%
DFT / Coat	50 – 60 μ
Theoretical Coverage / Coat	7.00 - 8.4 m ² / liter.

Product Details

Type	Two Pack
Mixing Ratio	By volume
Component A	3 parts
Component B	1 part
Colour	Grey
Gloss	Matt
Pot Life	4 - 6 Hrs
Curing Mechanism	Solvent release and chemical reaction between the components
Flash Point	
Component A	Above 25°C
Component B	Above 20°C
Recoating Time	Min. 16 hrs. Max. 1 month (provided the surface is clean and dry from all contaminants)
Drying Time (30°C)	
Surface Dry	1 hour max
Hard Dry	16 to 18 hours
Full Cure	7 Days
Thinner	Epoxy Thinner
Thinner Consumption	
Conventional Spray	2 – 10%
Brush	0 – 5%
Airless Spray	0 – 5%

Application Details

Applied over :

Blast clean / prepared M.S. surface.

Application Method:

Brush / Conventional spray / Airless spray

Shelf Life:

One Year from the date of manufacture in original sealed containers under normal storage conditions

Pack Size:

4 liters, 20 liters.

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 only 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 Epoxy thinner (T-353) 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
Relative Humidity	50 – 80%

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:

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