

Nerotherm 8910

Scope

Nerotherm 8910 is a silicone acrylic coating used as maintenance coating for high temperature service.

Suitable for industrial environments including petrochemical plants, oil refineries, offshore structures, chemical plants and power stations.

Composition

Pigments / Aluminium paste dispersed in acrylic silicon binder.

Volume solids	35 ± 3%
DFT / Coat	25- 50 μ
Theoretical Coverage /Coat	7.0 - 14.0 m ² /ltr.
VOC (EPA Method 24)	575 gm/Lit
Product Weight	0.90 kg/lit

Product Details

Type	Single Pack
Colour	Specific colors and Aluminium
Gloss	Semi-glossy
Curing Mechanism	Solvent release and heat curing.
Temperature Resistance –Dry	204°C • Aluminium 149°C • All other colors, 93°C •orange only
Flash Point	Above 30°C
Drying Time (30°C)	
Surface Dry	30 Min.
Cure Time	24 Hrs.
Recoating Time	8 Hr.
Thinner	Range of Nerolac Air drying thinner
Thinner Consumption	
Conventional Spray	5 – 20%
Brush	0 – 5%
Airless Spray	0 – 15%

Application Details

Applied over:

Blast cleaned M.S. Surface & Nerosil zinc silicate primer.

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 single pack..

Surface Preparation:

Before applying the coating, 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 2007 is the only satisfactory method of preparing steel surfaces. Primed surface must be clean, dry, free from moisture, grease and other contaminants.

Application Instruction:

If settling is observed in the drum, loosen the settled material & mix with pneumatic stirrer till homogeneous.

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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