

TECHNICAL DATA SHEET :

Product name : **TWO PACK EPOXY MONOCOAT**

Product Description : TWO PACK EPOXY MONOCOAT SEMI GLOSSY RAL 7001

Recommended use :Steel Structures and transformers for corrosion protection.

Features :

- Excellent Corrosion resistance
- Smooth & semi glossy finish.
- Excellent toughness

Physical Properties :

Colour Shade	:	RAL 7001
Volume Solids	:	48 (± 3 %) by volume Hardner-35±3%
D.F.T.	:	35 to 40 microns
Practical Coverage	:	5-6 sq. meter per litre @ 30-40 µ D.F.T.
Flash point	:	Base - 24° C ; Hardner - 28° C
Sp. Gravity	:	Base 1.25 (± 0.100) kg / Ltr. Hardner 0.90 (± 0.100) kg / ltr
Supply Viscosity	:	Base 100 (± 10) sec.Hardner : 25(± 5 sec)

Surface Preparation :Surface Should be Clean ,Dry & Free From Moisture.

Application :

- 1) Application Conditions : Ambient temperature shall be above 10°C and relative humidity shall be below 85%. Adequate ventilation shall be provided in confined spaces
- 2) Mixing : Stir each component with mechanical stirrer before mixing
- 3) Mixing ratio : Base-3 Part ; Hardner-1 Part; Thinner-1 Part
- 4) Application method : By airless spray gun or air assisted spray gun
- 5) Finish : Smooth & Semi Glossy
- 5) Pot Life : Minimum 5 hours at 30°C
(Pot life may be reduced at higher temperature)
- 6) Drying Time : Surface Dry – 20 to 30 minutes
Touch Dry – 2-3 hours
- 7) Hardness : 2H Pencil hardness passes
- 8) Adhesion : Passes 100% on MS , GI surface
- 9) Salt Spray Resistance : Passes for 300 hrs for 40-50 micron D.F.T.

(* The paint film passes tests for : Flexibility , Impact, Humidity resistance)

Shelf Life : Base : 12 months; Hardner : 6 months from the date of mfg.

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