

TECHNICAL DATA SHEET :

Product name : **2K POLYURETHANE PRIMER SURFACER GREY**

Product Description : Polyurethane Grey primer

This Primer is formulated with Acrylic Polyol and cross linked with Polyisocyanate cured at specific temperature.

Recommended use : Base coat primer for Ferrous and Nonferrous metals

Features :

- Excellent adhesion to ferrous and nonferrous metals, FRP & Plastics
- Excellent intercoat adhesion.
- Excellent Flexibility
- Excellent Salt spray resistance and weathering resistance

Physical Properties :

Colour Shade	:	Grey
Volume Solids	:	54 (± 2 %) by volume
D.F.T.	:	25 to 30 microns
Practical Coverage	:	5-6 sq.meter per litre @ 25-30 µ D.F.T.
Flash point	:	Base - 25° C
Sp. Gravity	:	Base 1.15 (± 0.10) kg / Ltr. Hardner 0.96 (± 0.10) kg / ltr
Supply Viscosity	:	Base 80 (± 10) seconds .Hardner : 25(± 10 sec)

Surface Preparation :Surface Should be Clean ,Dry & Free From Moisture, oil & Grease
Recommended to follow shot blasting process

Application :

- 1) Application Conditions : Ambient temperature shall be above 10°C and relative humidity shall be below 80%. Adequate ventilation shall be provided in confined spaces
- 2) Mixing : Stir each component with mechanical stirrer before mixing
- 3) Mixing ratio : Base-4 Part ; Hardner-1 Part; Thinner-1 Part
- 4) Application method : By Spray or by roller
- 5) Finish : Smooth & Matt
- 5) Pot Life : Minimum 5 hours at 30°C
(Pot life may be reduced at higher temperature)
- 6) Drying Time : Surface Dry – 10 to 15 minutes
Touch Dry – 1.5-2 hours
Hard Dry – 16 hours
- 9)Resistance to Humidity :Passes for 240 hours
- 10) Impact Resistance : Passes for 30 cm height and 500 gm load
- 11) Salt Spray Resistance : Passes for 500 hours (for total system including Top coat)

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