

TECHNICAL DATA SHEET :

Product name : **2K POLYURETHANE GLOSSY PAINT**

Product Description : 2k Polyurethane Top Coat for Auto Refinishing

Recommended use : Top Coat recommended for Automobile industries , Commercial Vehicle , Farm Equipment

Features :

- Excellent adhesion & Hardness properties
- Excellent Durability
- Finish Smooth & Glossy

Physical Properties :

Colour Shade	:	As per Customers Requirement
Volume Solids	:	48 (± 3 %) by volume
D.F.T.	:	30 to 40 microns
Theoretical Coverage	:	8-9 sq. Meter @ D.F.T. 25-30 microns per litre per one coat.
Flash point	:	Base - 24° C
Sp. Gravity	:	Base 1.15 (± 0.10) kg / Ltr. Hardner 1.05 (± 0.05) kg / ltr

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

Performance Properties : Accelerator weathering test: passes for minimum 750 hrs

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 Air assisted Spray gun
- 5) Finish : Smooth & Glossy
- 6) Pencil Hardness : Passes 2H
- 7) Pot Life : Maximum 5 hours at 30°C
(Pot life may be reduced at higher temperature)
- 8) Drying Time : Surface Dry – 15 to 20 minutes
Touch Dry – 2-3 hours
- 9) Over Coating interval : Minimum 1 to 2 hours
- 10) 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.

(* The paint film passes tests for : Acid, Alkali , Petrol and Gear oil resistance)