



PRITHVI PU CLEAR

Category: Waterborne Polyurethane Clearcoat

1. PRODUCT DESCRIPTION

PRITHVI PU CLEAR is an economical waterborne polyurethane clearcoat designed to provide a smooth, durable and transparent protective finish over compatible coated surfaces. The coating provides good adhesion and resistance to moisture and UV exposure while maintaining a clear finish. Its waterborne formulation offers a low-odour, low-VOC coating solution for general automotive and industrial finishing applications.

2. RECOMMENDED USES / APPLICATIONS

- Clear protective topcoat for automotive and general industrial finishing applications
- Applied over compatible, properly prepared and base-coated surfaces (e.g. over PRITHVI AUTOBASE or other compatible basecoats)
- General industrial clearcoat applications requiring enhanced gloss and protection

3. KEY FEATURES & BENEFITS

- Smooth, durable, transparent protective finish
- Good adhesion over compatible base-coated surfaces
- Resistant to moisture and UV exposure
- Low-odour, low-VOC waterborne formulation
- Maintains clarity and gloss retention

4. FILM COMPOSITION

Pigment	Non-lead pigment
Binder	Acrylic Emulsion
Solvent	Water

5. PHYSICAL PROPERTIES

Finish	Smooth and free-flowing liquid paint
Colour	Clear
Gloss / Sheen Level	Satin finish



Drying Time	Surface Dry: 1 – 2 hours Hard Dry: after 72 hours
Viscosity	80 – 90 KU
Density	1.10 – 1.50

6. APPLICATION DETAILS

Application Method	Spray, brush or roller
Application Temperature	For fast drying, ensure substrate temperature is at 60°C prior to paint application
Theoretical Coverage	10 – 13 m ² / Lt @ 30 µm dry film thickness
Recommended Dry Film Thickness	2 – 2.5 mils

7. SURFACE PREPARATION

- Substrate must be clean, dry and free from dust, grease or other contamination prior to application.
- Apply only over a suitably prepared, compatible and fully cured base coat.
- Apply as the final clear topcoat to achieve the desired gloss and protection level.

8. DILUTION

- 10% – 15% maximum, dilute with water. Do not over-dilute, and shake the paint well before use.

9. FINISHING

- Stir thoroughly before use.

10. PRECAUTIONS

- Avoid extreme temperature.
- Do not apply on damp surfaces.
- Do not over-thin.
- Stir well before use.
- Wear eye protection while applying.
- Avoid inhalation of dust by wearing a suitable nose mask during surface preparation.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of contact with skin, remove splashes from skin with soap and water or a recognized skin cleaner.
- In case of ingestion, seek medical attention.



PRITHVI COATINGS

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TECHNICAL
DATA SHEET

DISCLAIMER

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