



## FAST CURE PU WINDSHIELD ADHESIVE

### 1 – DESCRIPTION

**Fast Cure PU Windshield Adhesive** is single part polyurethane based, high modulus sealant, which cures on exposure to atmospheric moisture to form elastomeric mastic.

**Fast Cure PU Windshield Adhesive** has excellently water-proof, high bonding strength, oil resistant, aging resistant, salt fog resistant, and can bear long time vibration.

**Fast Cure PU Windshield Adhesive** offers excellent adhesion on glass and metal, it is most suitable for bonding windshield in the automotive industry.

### 2 – PROPERTIES

- One component formulation
- Good non-sag properties
- Non-corrosive to substrates
- Fast curing – Rapid strength development
- High mechanical performance
- High Modulus & tensile strength
- High initial bond strength on glass and metal surfaces
- Can be overpainted

### 3 - APPLICATIONS

- Used for sealing for automotive windscreen, windows and scuttles.
- Also suitable for sealing in automotive, caravan, ship building and railway industry.
- Suitable for sealing, seam sealing, simple bonding as well as for vibration reduction and sound deadening measures
- In crash body repair and car body construction.

### 4 - INSTRUCTIONS

- Remove the damaged glass. Before application ensure that surfaces are clean, dry and free from dust and grease.
- Shake the Polyurethane Windshield Adhesive Primer for at least 30 seconds (after hearing the ball move) before application.
- Apply Windshield Adhesive Primer to the outer edge of the glass where the urethane bond will be made and allow to dry.
- Ensure that primer is tack-free dry before proceeding.
- Cut tip of the nozzle to desired shape and size to provide a bead height sufficient to give good contact with the windshield around the entire perimeter. A triangular shaped notch will provide the optimal bead shape and height.



- It is recommended to apply the adhesive with a pneumatic sealant gun.
- Apply directly to the glass
- Position the glass by aligning the masking tape on glass and car body. Press glass in place to assure complete contact with the Polyurethane Windshield Adhesive

## 5- STORAGE AND SHELF LIFE

9 months if stored properly in its original package between +5 °C and 30 °C, 50% humidity.

## 6- PACKAGING

Product	Volume	Package
Black	310ml	12
Black (Sausage)	600ml	12

## 7- RESTRICTIONS

- Avoid application below 5 °C and above 40 °C.
- Do not apply on frozen or wet surfaces or through standing water.

## 8- TECHNICAL PROPERTIES

BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,35±0,05 g/ml	
Curing rate	: approx. 4 mm/24 h	
Tack free time	: 30±10 min. (23°C and 50% R.H)	
Extrudability, ml/min.	: ≥70	
Sagging	: 0 mm	(EN ISO 7390)
AFTER CURING		
Hardness Shore A	: 45-60	After 7 days
Paintibility	: Yes *	
Elongation at break	: Min. 400%	(ASTM D412)
Tensile Strength	: Min. 4.5 MPa	(ASTM D412)
Tensile Shear Strength	: Min. 2.5 MPa	
Drop Degree, MM	: 0	
Solid Content	: ≥94	

\*Considering the diversity of paint base and quality, compatibility tests should be done before application.