

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.

TECHNICAL DATA SHEET

SARAY MAH.KÜÇÜK SU CAD. ANTASYA RESIDENCE No 64/A Kat 28 D.419 Ümraniye/ ISTANBUL – TÜRKİYE +905399121030
info@silifix.com.tr

- 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
Paintability	: 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.