

## **Guardian Polyurethane Windshield Adhesive – 600ml**

Guardian Polyurethane Windshield Adhesive is a one-component, moisture-curing polyurethane adhesive specifically formulated for direct glazing applications in Automotive Glass Replacement (AGR).

**Shelf Life: 1 year**

### **Key Features**

- One-component formulation
- Non-sag properties
- Short cut-off string
- Cold application
- Fast curing with rapid strength development
- High mechanical performance
- High modulus
- High initial bond strength
- Overpaintable

This product is specifically designed for bonding automotive windshield glass to vehicle frames.

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### **Application Instructions**

1. **Glass Removal**  
Carefully remove the damaged windshield.
2. **Surface Preparation**  
Ensure all bonding surfaces are clean, dry, and free from dust, grease, and contaminants.
3. **Primer Preparation**  
Shake the polyurethane windshield adhesive primer vigorously for at least 30 seconds after hearing the mixing ball move.
4. **Primer Application**  
Apply the primer to the outer edge of the glass where the urethane bond will be formed. Allow the primer to dry completely and ensure it is tack-free before proceeding.
5. **Nozzle Preparation**  
Cut the nozzle tip to the desired shape and size to achieve a bead height sufficient to ensure

proper contact around the entire windshield perimeter.

A triangular notch is recommended to achieve the optimal bead shape and height.

**6. Adhesive Application**

It is recommended to use a pneumatic sealant gun for application.

Apply the polyurethane windshield adhesive directly to the glass.

**7. Glass Installation**

Position the windshield by aligning the masking tape marks on both the glass and the vehicle body.

Press the glass firmly into place to ensure full and uniform contact with the adhesive.