

BETASEAL™ Uni-Wipe System

Simplifying the Glass Bonding Process

The BETASEAL Uni-wipe Glass Bonding System simplifies the glass bonding process by combining the benefits of an easier glass priming process with the primerless-to-paint performance pioneered by Dow Automotive Systems, a business unit of The Dow Chemical Company and its subsidiaries. The BETASEAL Uni-wipe system goes on the glass as a single clear wipe – with quick flash time – and is followed by the application of a specially formulated adhesive. The adhesive bonds to a wide range of commercially available clearcoats without the use of body flange primer and is UV-resistant, eliminating the need for a blackout primer. A fluorescing agent added to the clear wipe makes it easy, with the right lighting, to verify proper application during the glass installation process.

Benefits

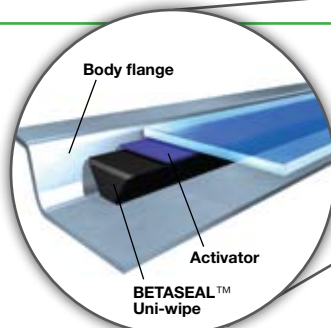
The BETASEAL Uni-wipe system:

- Reduces manufacturing cost and assembly time by eliminating production steps
- Improves efficiency with fewer steps to prepare glass for bonding, and reduces the potential for possible defects
- Provides a wide range of mechanical properties to suit all vehicle requirements
- Is compatible with all vehicle production processes, including cold- and warm-applied systems
- Improves cycle time during assembly
- Reduces volatile organic compounds and emissions because less product is applied and no primer is needed
- Reduces the need for cleaning solvents
- Reduces hazardous waste from use of solvents and primers

Applications

The BETASEAL™ Uni-wipe system can be used in a wide range of glass bonding applications throughout the vehicle, including wind-screens, backlites and hardware binding.

BETASEAL glass bonding systems help vehicles meet globally mandated safety requirements for barrier and roof crush regulations. Materials are applied robotically or manually from standard or custom pumping equipment.



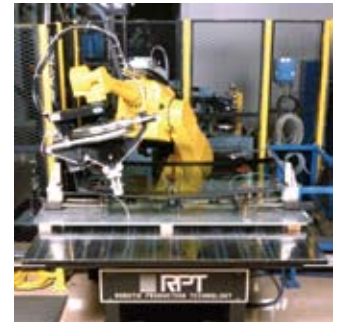
Providing Integrated Solutions

Dow Automotive Systems is a leading supplier of materials, technology and support for automotive adhesive applications. We offer you a globally consistent, reliable and secure material supply, with significant cost efficiencies. And on the front end, we offer a complete range of materials for the transportation industry, including leading adhesives, glass bonding systems, polyurethanes, sealants, emissions control technology, films, fluids, structural enhancement and acoustical management solutions.

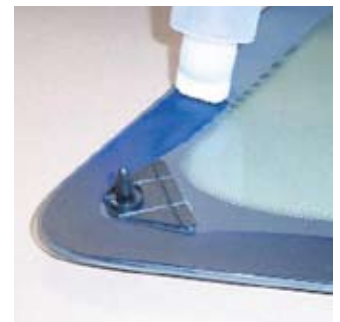
We also offer application development, testing and engineering support and plant services support – online or at your facilities.

About Us

Dow Automotive Systems provides technology- and materials-enabled solutions for interior, exterior, powertrain, vehicle structural enhancement, acoustical management, emissions control and aftermarket applications in the automotive and commercial transportation industries.



BETASEAL Uni-wipe system can be applied robotically or manually.



The unique formula of BETASEAL Uni-wipe makes it easy to verify proper application using a specific light source.

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