BETASEAL™ Adhesives Improve Vehicle Structure in Glass Bonding Applications

With a proven track record of providing exceptional performance, lowering costs and reducing assembly times, BETASEAL™ adhesives are used worldwide for the structural bonding and sealing of stationary vehicle glass, including panoramic roofs and liftgates, windshields, backlites, quarter glass, headliner bonding and more.

BETASEAL systems consist of BETAPRIME™ and BETASEAL primers, and BETASEAL urethane adhesives to provide a total solution for glass bonding applications. Innovative formulations provide a wide range of mechanical properties to suit all manufacturer requirements and are compatible with all vehicle production processes, including cold- and warm-applied systems. A wide variety of BETASEAL adhesives also are customized for after-market glass replacement.

BETASEAL™ adhesives are used worldwide for structural bonding and sealing of stationary glass in passenger vehicles, trucks, buses, rail coaches and off-road vehicles. The superior performance of these systems helps vehicles meet globally mandated safety requirements for barrier, rollover and roof crush regulations. Applied robotically or manually from standard or custom pumping equipment, BETASEAL adhesives and primers come in these formulations:

- QUICK FIX, or fixture-free
- Long open time primer
- High viscosity
- Primerless to paint
- Low conductive
- Non-conductive
- High modulus
- Uni-wipe
- Accelerated cure
- Glass and body cleaner
- Glass, plastic and body flange primers
- Surface activators

High modulus adhesives are stiffer than "standard modulus" adhesives, making the car body more rigid, and reducing noise, squeaks and rattles.

Applications
- Windscreens
- Backlites
- Quarter glass
- Modular roof assemblies
- Sunroof assemblies
- Glass hardware
- Door glass
- Mixed-material bonding

Product advantages and ROI
- Provide excellent performance on glass and ceramic substrates
- Formulations provide a wide range of mechanical properties to suit all vehicle requirements
- Formulations are developed to be compatible with all vehicle production processes, including cold- and warm-applied systems
- High performance to the toughest OEM durability specifications
Primerless-to-paint adhesives:

- Eliminate body primer
- Reduce VOCs
- Simplify glass bonding process
- Reduce production costs
- Decrease cycle time
- Decrease warranty claims

QUICK FIX adhesives are developed with faster production rates in mind for better assembly efficiencies at the OEM.

About DuPont Transportation & Industrial

DuPont Transportation & Industrial (T&I) delivers a broad range of technology-based products and solutions to the transportation, electronics, healthcare, industrial and consumer markets. T&I partners with customers to drive innovation by utilizing its expertise and knowledge in polymer and materials science. T&I works with customers throughout the value chain to enable material systems solutions for demanding applications and environments. For additional information about DuPont Transportation & Industrial, visit dupont.com