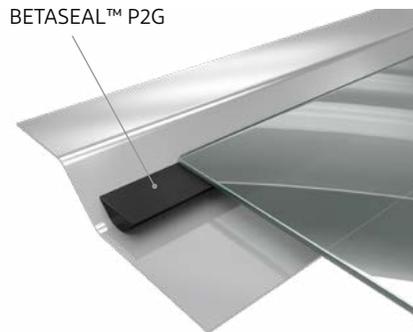


DuPont™ BETASEAL™ Primerless-to-glass Bonds Glass with No Cleaner, No Primer, and No Activator



No additional activators, primers, or cleaners are necessary with BETASEAL™ P2G glass adhesive.

DuPont™ BETASEAL™ primerless-to-glass (P2G) is the first glass bonding adhesive to market that doesn't require an activator and it has been in use by a global auto OEM since 2019.

Proven performer

BETASEAL™ P2G simplifies assembly line production because it adheres directly to automotive glass or enamel substrates. No cleaner, primer, or activator is necessary.

Fewer processing steps result in production efficiencies and cost optimization. In addition, without the need for primers, cleaners, or activators, BETASEAL™ P2G offers a VOC-free bonding solution that allows our customers to reduce their VOC emissions.

BETASEAL™ P2G is the adhesive of choice because of robust adherence to many substrates, including:

- glass
- standard paint
- enamel
- coated metals
- e-coat

Also, high-modulus glass bonding adhesives increase the torsional stiffness of the car, improving the steering and ride comfort characteristics.

DuPont™ BETASEAL™ P2G is ideal for bonding all automotive glass:

- windscreens
- quarter glass
- rear glass
- sunroofs
- panoramic roofs



BETASEAL™ P2G key features

Elongation at break [%]	≥ 200
Tensile strength [MPa]	≥ 6.5
Temperature application range [°C]	40 to 65
Tack free time [min]	10 to 30
G-Modulus at 10% [MPa]	1.7 to 2.7
Ballan viscosity [g/min]	10 to 20

A Portfolio with almost 60 years of high performance

DuPont™ BETASEAL™ adhesives have been an industry leader in bonding stationary glass in vehicles for almost six decades. It's also used to seal and fill gaps in electric battery packs.

Innovative formulations provide a wide range of mechanical properties to suit all manufacturer requirements and are compatible with all vehicle production processes.

BETASEAL™ advantages

- enhanced elongation
- provides excellent performance on glass and ceramic substrates
- offers a wide range of mechanical properties
- compatible with all vehicle production processes, including cold- and warm-applied systems
- high performance to the toughest OEM durability glass bonding specifications
- meets OEM durability specifications and Federal Motor Vehicle Safety Standards (FMVSS) for barrier, rollover, and roof crush regulations.

For more information, contact your DuPont representative.

[dupont.com](https://www.dupont.com)



Mobility and Materials

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