



Automotive Systems



## BETASEAL™ 1580

30-minute minimum drive away,  
primerless-to-aperture adhesive

- Excellent link-up strength allows for 30-minute minimum drive away time in temperatures from -10°C to 40°C
- Can be applied directly to freshly trimmed, cut-back PU bead with no need for primer or activator – for increased productivity
- High-modulus formula helps maintain structural integrity at original equipment levels
- Simple, three-step glass replacement solution – clean, prime, bond
- Non-conductive formula – reduces interference with radio, mobile phone, GPS or additional driver aid technologies
- No heating required for improved work efficiency
- Choice of three sizes – 310 ml cartridge, or 420 ml and 600 ml sausage packs



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## BETASEAL™ 1580 – 30-minute minimum drive away and primerless to aperture formula.

### 30-minute minimum drive away — exclusive AINS technology

BETASEAL™ 1580 is a cold-applied adhesive with a 30-minute minimum drive away. The exclusive Accelerated Isotropic Network Structure (AINS) technology creates outstanding link-up strength while the adhesive is still partially cured, making for a faster minimum drive away time.

### Primerless to aperture

BETASEAL™ 1580 can be directly applied to a fresh-cut polyurethane bead without the need for a primer or activator – saving you time and money.

### High-modulus formula promotes structural integrity

The high-modulus formula helps promote the car's structural integrity and stabilization to improve the ride and reduce rattles, vibrations and other vehicle noises. It's also non-conductive to reduce interference with radio, mobile phone, GPS or additional driver aid technologies.

### More information

For more information on how BETASEAL™ 1580 and AINS technology can help your customers get back on the road, visit [www.dowautomotiveaftermarket.com](http://www.dowautomotiveaftermarket.com).

Physical Properties	BETASEAL™ 1580*
Minimum Drive Away Time	30 minutes
G Modulus	>2 MPa
Conductivity	Non-conductive
Bulk Resistivity	1 x 10 <sup>10</sup> Ωcm
Working Time	12-15 minutes
Material Temperature Range	-5°C to 40°C
Ambient Temperature Range	-10°C to 40°C
Extrudability	Easy with professional dispensers
Storage Stability	9-month shelf life

\*Results based on Dow Automotive Systems internal testing.

## Easy-to-use: Clean, Prime and Bond

### Clean

Bonding surfaces must be clean of dirt, dust, water, oil, silicone and grease prior to priming and adhesive application. Use BETABRADE™ F1 to help remove contaminants from glass and BETACLEAN™ 3300 to inspect and clean glass before installation.

### Prime

Priming of the glass and ceramic frit is required before application of BETASEAL™ 1580. BETAPRIME™ 5504G is an all-in-one primer suitable for all surfaces: cut-back PU bead, aperture, glass and ceramic frit.

### Bond

BETASEAL™ adhesives are easy to gun in most weather conditions and do not require heating.



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Form Number 299-51975