



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



Let our experience work for you. www.dowautomotive.com



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 nonconductive 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.dowautomotive.com.

Physical Properties

BETASEAL™ 1580*

Minimum Drive-Away Time	30 minutes
G Modulus	>2 MPa
Conductivity	Non-conductive
Bulk Resistivity	1 x 10 ¹⁰ 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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*Toll free from Austria, Belgium, Denmark, France, Germany, Hungary, Ireland, The Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and The United Kingdom.

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