



70-08A AP

HIGH QUALITY AND HIGH STRENGTH ADHESIVE

KEY FEATURES

- High green strength
- Primerless adhesion
- Passes FMVSS 212 requirements for glass glazing

DESCRIPTION

Bostik 70-08A AP is a high quality product based on Silyl Modified Polymer (SMP), especially developed for bonding windscreens. 70-08A AP provides a rapid and efficient way to fasten many different materials for OEM, coach works, mobile units, etc., especially where immediately or shortly after installation objects have to be moved during the manufacturing process. 70-08A AP conforms to FMVSS 212. 70-08A AP used with the Dual SMP® technology guarantees an increased and controlled cure speed and reliability in the production process and extends the application possibilities.

KEY BENEFITS

- Adheres well without primer on glass and no UV blocking primer is needed when the glass-adhesive interface is UV-protected by a ceramic coating.
- Solvent-, isocyanate- and PVC free.
- Very good UV-resistance and aging properties.
- Generally good adhesion on several substrates without the use of a primer.
- Permanent elastic within temperatures from -40°F to 248°F (-40°C to 120°C).
- Neutral and odorless curing.
- Low volume shrinkage.
- Low electrical conductivity.



TYPICAL PHYSICAL PROPERTIES

Description	Results
Basic material	Silyl Modified Polymer (SMP)
Curing method	Moisture
Specific gravity	ca. 1.5g/ml
Skin forming time	ca. 15 min.
Open time	< 15 min.
Curing speed after 24 hrs	ca. 3 mm
Shore A hardness	ca. 60
Volume change	< 3%
Electrical volume resistivity	> 10 ¹¹ ohm cm
Tensile stress (100%)	ca. 2.3 MPa
Tensile stress at break	ca. 2.9 MPa
Elongation at break	ca. 250%
Shear stress	ca. 2.4 MPa (Alu-Alu; adh. thickness 2mm, test speed 50 mm/min.)
Tear propagation	ca. 16N/mm (Type C, test speed 500mm/min.)

PACKAGING

For packaging options please call your Bostik sales or technical representative.

SHELF LIFE

Bostik 70-08A AP may be stored in a closed (unopened) container in a dry place at temperatures between 41°F to 86°F (5°C to 30°C) for 9-18 months depending on package size.

COUNTRY OF MANUFACTURE

United States

BASIC USES

70-08A AP can easily be extruded with a hand or air pressure gun at temperatures between 41°F and 95°F (5°C and 35°C). The speed of application can be improved by heating up to 158°F (70°C) maximum. For good adhesion, a clean, dry and grease free surface is necessary. Cleaning of the ceramic coated layer as well as many closed surfaces, like aluminum, coated steel, polyester (GRP) can be done with Bostik Cleaner I. In those cases where due, to great thermal or physical loads and especially under wet conditions, high adhesion demands are needed, the use of Bostik Prep M is recommended. Prep M degreases and prepares the surface of the substrate in one step. For more details concerning Prep M consult the specific Technical Data Sheet.

Within a few minutes after pretreating the screen can be bonded. The screen has to be bonded within 15 minutes after applying 70-08A AP. When no ceramic coating is available or the ceramic coating doesn't supply sufficient UV-protection, Bostik Prep G is needed after the screen has been cleaned with Bostik Cleaner 14 or Cleaner I, unless a cover shields the glass-adhesive interface from UV-radiation.

Cleaning tools or removing uncured residue of 70-08A AP can be done with a clean colorless cloth, wetted with Bostik Liquid 1. It is recommended to make a trial first to check possible attack of the substrate by these cleaners.

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

E-Modulus (10%)	ca. 5.5 MPa
Solvent percentage	0%
Isocyanate percentage	0%
Temperature resistance	-40°F to 248°F (-40°C to 120°C)
Temperature resistance	356°F (180°C) - max. 30 min.
Application temperature	41°F to 95°F (5°C to 35°C)
UV and weather resistance	Very good
Colors (standard)	Black
Packaging	9.8oz Cartridge, 13.5oz Sausage, 20oz Sausage, 5 Gal Pail, 52 Gal Drum

LIMITED WARRANTY

The Limited Warranty for this product can be found at www.bostik-us.com/resource-center/warranties or by calling 1-800-726-7845 (choose option 2, then option 2 again). To the maximum extent allowed by law, Bostik disclaims all other express or implied warranties, including without limitation warranties of merchantability and fitness for a particular purpose. Unless otherwise stated in the limited warranty, the sole remedy for breach of warranty is replacement of the product or refund of the buyer's purchase price. Bostik disclaims any liability for direct, incidental, consequential, or special damages to the maximum extent allowed by law. Disclaimers of implied warranties may not be applicable to certain classes of buyers and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK HOTLINE

Smart help
1-800-726-7845

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This document supersedes all previously published literature.
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