

Liquifast 9000

Description

Cold-application, moisture-curing, single-component polyurethane adhesive for bonding front, rear and side windows on vehicles in the case of repairs. This type of adhesive is especially prescribed if the vehicle windows contain heating elements or vehicle antennas. Distinguished through a very high initial strength (high tack effect). This allows a clean application even of high adhesive beads and prevents the sinking or slipping of heavy or sloping panes directly after bonding. The high shear modulus of Liquifast 9000 contributes to a clear increase in the torsional stiffness, more driving safety and higher traveling comfort. The low electrical conductivity of the adhesive prevents potential contact corrosion on the body, is to be used independent of moisture and temperature fluctuations and hardens reliably. It can be used with 30 minutes of downtime and drive-away time at temperatures from -15 °C (!). This enables the use of the adhesive even under adverse weather conditions. Tested by TÜV.

Properties

- cures independently of temperature and humidity
- non-conductive
- cured by moisture in the air
- cold working
- short drive-away time
- high initial stability
- high-modulus
- proven OEM quality
- high viscosity

Technical data

Base	Polyurethanpräpolymere
Color / appearance	schwarz / black
Odor	charakteristisch / characteristic
Density at 20 °C	1,25 +/- 0,05 g/cm ³
Solids content	99 %
Flash point	164 °C
Rigidity	sehr gut / very good
Skin formation time at 23 °C/50 % relative humidity	15-20 min GM 006.0
Curing rate at 23 °C / 50 % rh	ca. 3.0 mm/24 h GM 007.0
Combined tension and shear resistance	1 d: 2,5 / 7 d: 6,5 MPa
Tear propagation	12,5 N/mm
Elongation at break	> 300 %



Technical data

G modulus (shear modulus)	>2,0 MPa
Hardness, Shore A	70 +/- 5 (DIN 53 505)
Shelf life in original sealed container	18 months
Recommended storage temperature	0 - 35 °C

Areas of application

Bonding of windshields, rear windows and side windows to vehicle bodies (passenger vehicles, heavy goods vehicles, the drivers' cabins of tractors and forklift trucks and special vehicles). Bonding of side windows made from single pane and insulation glass in bus and train car construction. And the following makes of cars: Audi, BMW, Ford, Jaguar, Mercedes-Benz, Opel, Porsche, Renault, Saab, Seat, Skoda, Volvo, Volkswagen.

Application

1. Cleaning agent

The surfaces to be bonded have to be dry and free of oil, dust, grease and other dirt residues. The glass surface or the ceramic coating has to be cleaned with Liquiclean or cleaning and diluting agent (part no. 6130), and then with the Windshield Cleaner Foam (part no. 1512). Also the car body flange or the newly painted car body parts are to be cleaned that way. We recommend cleaning the cut back residual adhesive bead with Liquiclean or cleaning and diluting agent as well. Before the sealant is applied, or before the glass surface is bonded, the cleaned holding surface has to have dried completely.

2. Priming / activation of pre-coated glass panes

Active Primer is necessary for the priming of the holding surface, when glass panes are to be bonded. The Active Primer is included in the delivery of the glass pane repair set as 10 ml stick. Prior to use, shake Active Primer well for at least 45 sec. Within the bond area, Active Primer can universally be applied on the cleaned glass surface or the ceramics silk

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screen, on the clean painted surface of newly painted parts of the car body, on the cut back residual adhesive beads, as well as on pre-coated glass panes (PUR and RIM coating). Apply Active Primer sparsely and uniformly (wet film has to have a thickness of approx. 0.05 mm). The primed surface has to dry for approx. 15 minutes before the glass adhesive is applied. If the residual adhesive bead has been cut back more than 6 hours ago, a pre-treatment with Active Primer is mandatory.

Recommendations for use are provided in the accompanying brochure!

Comment

- The best before date and technical data for the individual products are provided in the relevant product information.

Available pack sizes

400 ml Bag aluminum 6171
D-GB-F-I-E-NL-P

Our information is based on thorough research and may be considered reliable, although not legally binding.