

Windglass Glue



DESCRIPTION

Windglass Glue is a one component, thixotropic, moisture curing polyurethane adhesive, primarily used for automotive direct glazing with and without airbag. It cures slower, allowing application on big windscreens such as buses and trucks.

APPLICATION

Windscreen direct glazing.

CHARACTERISTICS

- Drive Away Time - 2 h (for car fitted with both driver and passenger airbags)
- Rapid application and curing
- Suitable for cold application
- Good stability/workability – no sag
- Short cut-off string
- High shear modulus
- High electrical volume resistivity 1 G Ωxcm
- Non-conductive: suitable for use with integral aerials
- Prevents contact corrosion in aluminium-body vehicles

SUBSTRATES

Various metal surfaces, incl. glass, aluminum, ceramic coatings, old/OEM coatings.

VOC: 0 g/L

EU limit value: 2004/42/IB(e)(840)

Articles	Description	Pcs. / pack
5-132-0310	310 ml Tube, Black	12

SUBSTRATE PRETREATMENT



Clean and degrease surfaces with solvent like acetone. Let dry after degreasing.

- The substrates to be bonded must be dry, oil-free, grease-free, dust-free and free of any contaminating agents that could harm bonding.



- In cold weather, store the cartridges or sausages at a temperature of about 20°C before use.
- Do not wipe the substrate up and down. If the pad has got dirty, replace it with a new one and continue the procedure. If the primer peels off, replace the windshield to avoid unpredictable consequences.
- If any deviations in the substrate material are detected, it is advisable to carry out an adhesion test prior to actual bonding. Test bonding of the windshield with any materials is particularly recommended to achieve desirable adhesion.
- Avoid any contact with non-cured MS, hybrid PU or silicone sealants as well as with alcohols or ammonia during curing.

APPLICATION



- Apply the glass coated with the sealant on the car body and press, before the skin formation time (i.e. within 30 min).
- Apply the glue with a glue gun onto the substrate.
- Install the glass onto the window frame and use the palm to press softly till the glass is bound flatly. Adjust the space up and down, left and right, and use the press sensitive tape to fix.
- Excessive glue can be removed with a scraper or soapy water.
- If any glue residue remains on the substrate, quickly remove it with an alcohol-free cleaning agent, e. g. gasoline. If the glue has hardened, use a blade.



Do not apply at a temperature below +5°C



Tack free time: 15 min at 23°C and 50% r.h.

TECHNICAL DATA

Colour	black
Curing through volume (1 day at 23°C and 50% r.h.)	≥ 4 mm
Shore A at 23°C and 50% r.h.; DIN 53505	55
Density at 23°C and 50% r.h.	1360 g/L
G modulus at 10%	≥ 2.0 N/mm ²
Tensile strength (ISO 37 DIN 53504)	≥ 9.0 N/mm ²
Elongation (ISO 37 DIN 53504)	≥ 300%
Application temperature	+5°C...+40°C
Temperature Resistance	-40°C...+90°C, briefly at 140°C

STORAGE



Store in cool dry place and at temperature 10 - 25 °C, avoid sunlight