

WINDSHIELD ADHESIVE - CLASSIC MULTI



CLASSIC MULTI, ultra-fast, one-part polyurethane direct glazing & structural bonding adhesive

Windshield Adhesive
Art. no: 0890 02300

Description: CLASSIC MULTI is a one-component, ultra-fast curing, flexible and high performance polyurethane adhesive for the bonding of vehicle glass direct glazing. It is specifically designed to give a fast and safe drive-away time on vehicles fitted with airbags. Particularly fast skinning and curing time.

Advantages:

- One-component polyurethane
- Rapid application and curing
- Suitable for cold application
- Good stability/workability – no sag
- Short cut-of string
- high shear modulus
- Non-conductive; low volume resistivity
- Suitable for use with integral aerials.
- Prevents contact corrosion in aluminium-body vehicles

Scope of use: Purposely designed for bonding windscreens, side and rear windows to passenger cars, trucks, tractors and special vehicles. CLASSIC MULTI, is also used for bonding fibreglass reinforced plastic elements (roofs, side and frontal panels) on vehicles. CLASSIC MULTI is indicated in all applications where a strong elastic-structural bonding to elements of different compositions (metal sheets, fibreglass and reinforced plastic) is necessary and that undergo a strong mechanical or thermal stress.

Application: Fit the cartridge into a manual or pneumatic air operated gun (provided with telescopic piston). The surfaces to be treated should be perfectly clean, dry and free from dust and grease. It is necessary to apply U-CLEANER/ACTIVATOR and U-PRIMER 130 on glass. The adhesion on normal vehicle varnishes generally does not require the use of primer. It is advisable to carry out preliminary adhesion tests on the support. Specific guidance regarding the use of primers may be obtained by submitting substrate samples to our laboratories.

Drive-away information:

- Drive Away Time: 2 hour (throughout operating window of -5°C to +40°C)
 - On vehicles fitted with both driver and passenger airbags
- CLASSIC MULTI meets Federal Motor Vehicle Safety Standards and all long term durability requirements according to the full range of N.P.T laboratory and Crash Test Data.

Storage: CLASSIC MULTI can be stored for 12 months in its original packaging (unopened container) at 10°- 25°C in a cool, dry place. Keep away from wet areas, direct sunlight and heat sources

Technical data:

Appearance	Thixotropic paste
Colour	Black
Chemical nature	Polyurethane
Curing Mechanism	Moisture-curing
Curing through volume [mm] (1 day 23°C and 50% r.h.)	4
Shore A (23°C and 50% r.h.)	55
Density [g/cc]	1,36 ± 0,02
Tack-free time [min] (23°C and 50% r.h.)	15
G modulus at 10% [N/mm²]	≥ 2.0
Tensile strength [N/mm²] (ISO 37 DIN 53504)	≥ 9.0
Elongation [%] (ISO 37 DIN 53504)	≥ 300
Electrical volume resistivity [Ω-cm]	1 x 10 ⁹
Application temperature [°C]	from +5 to +40
Temperature Resistance [°C]	-40/+100, for short period up 140