

TECHNICAL DATA SHEET



Adhesive for car windows

Adhesive for car windows WS RAPIDE 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-off string
- high shear modulus
- Non-conductive; low volume resistivity
- Suitable for use with integral aeralis.
- Prevents contact corrosion in aluminium-body vehicles.

Areas of Application:

Purposely designed for bonding windscreens, side and rear windows to passenger cars, trucks, tractors and special vehicles. U-SEAL 201 Fast, is also used for bonding fibreglass reinforced plastic elements (roofs, side and frontal panels) on vehicles. Adhesive WS RAPIDE 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.

Technical data:

TECHNICAL DATA SHEET

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/mm ²]	≥2.0
Tensile strength [N/mm ²] (ISO 37 DIN 53504)	≥9,0
Elongation [%](ISO 37 DIN 53504)	≥300
Electrical volume resistivity [Ω·cm]	1 x 10 ⁹
Application temperature [°C]	od +5 do +40
Temperature Resistance [°C]	-40/+100, for short period up 140

Drive-away information:

2 hour (throughout operating window of -5°C to +40°C)

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 ACTIVATOR RANAL and PRIMER RANAL 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.

Storage:

To be stored in dry and cool place, away from the sources of light and heat. Avoid sun exposure. Storage time of the product in the original package is equal to 12 months, 10°C a 25°C.

TECHNICAL DATA SHEET**Health and safety recommendations:**

Apply safety data sheet of the particular product.

Packaging:

Art. Nr	Capacity, L:	Package, pieces
80607	310 ml	12

Podane informacje są oparte na starannych laboratoryjnych badaniach i długoletnim doświadczeniu. Mocna pozycja na rynku nie zwalnia nas ze stałej kontroli jakości naszych wyrobów. Jednak nie odpowiadamy za efekty końcowe przy nieprawidłowym ich użyciu.