



POLYURETHANE WINDSHIELD SEALANT

SOLL SP18

Product-Information

Product Description:

SOLL SP18 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 times.

- One-component Polyurethane
- Rapid application and curing
- Suitable for cold application
- Good stability/workability – non sag
- Short cut-off string
- Suitable for use with integral aerals
- Prevents contact corrosion in aluminium-body vehicles

Drive Away Information :

- Drive Away Time: 1 hour (23°C and 50% Relative Humidity)
- On vehicles fitted with both Driver & Passenger Airbags
- Vehicle Glass weight below 35kg. Glass weight above 35kg contact Technical Department

Areas of Application:

Purposely designed for bonding windscreens, side and rear windows to passenger cars, trucks, tractors and special vehicles. SOLL SP18 is also used for bonding glass-fiber reinforced plastic elements (roofs, side and frontal panels) on vehicles. SOLL SP18 is indicated in all applications where a strong elastic-structural bonding to elements of different compositions (metal sheets, glass-fiber reinforced plastic) is necessary and which undergoes strong mechanical or thermal stress.

Technical data

- Chemical basis	Polyurethane
- Cure mechanism	Moisture curing
- Specific weight	1,15 0 ± 0,02 g/cm ³
- Tack free time at 23°C and 50% r.h.	15 - 20 min
- Curing at 23°C and 50% r.h.	≥ 4,0 mm/24h
- Hardness Shore A (DIN 53505)	50 - 55
- Tensile strength (DIN 53504):	9,0 ± 0,1 N/mm ²
- Combined tension and shear resistance	≥ 5 ± 0,1 N/mm ²
- Elongation at break (DIN 53504)	≈ 500 %
- Abrasion resistance	Very high
- Application temperature	+5°C to +35°C
- Temperature resistance	- 40°C / +80°C with brief points at 140°C
- Processing time	6 – 8 min

Instructions:

The surfaces to be treated should be perfectly clean, dry and free from dust and grease. It is necessary to apply Activator and Primer 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.

Colour Range - Packing :

Standard Colours:	Black
Alu-cartridge 310ml:	12 cartridges per box

Storage:

SOLL SP18 can be stored for 9 months in its original packing (unopened container) at 5° - 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time. Keep away from wet areas, direct sunlight and heat sources.

General Information:

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out.