

# Safe Seal IQ 600 ml

Art.: 01.2430.0000

600 ml

Safe Seal IQ is a high-quality, strong windscreen adhesive based on MS polymer, specially developed for the fast and primerless gluing of windows in the mobility sector, where a processing time of  $\pm 15$  minutes is desirable. Safe Seal IQ does not contain isocyanates nor solvents.



Base:	MS polymers
Density:	$\pm 1400 \text{ kg/m}^3$
Consistency:	Pasty
Solvents:	No solvents
Hardness:	$\pm 65$ (Shore A)
Tensile strength:	$\pm 3,20 \text{ N/mm}^2$ (according to DIN 53504)
Elongation at break (%):	$\pm 350\%$ (according to DIN 53504)
Modulus:	$\pm 2,15 \text{ N/mm}^2$ (at 100% elongation) (according to DIN 53504) High Modulus, Low Conductivity (HMLC)
Shear strength:	$1,98 \text{ N/mm}^2$ (accordint to DIN 53283)
Temperature resistance:	$-40^\circ\text{C}$ to $+90^\circ\text{C}$
UV resistance:	Good. The adhesive surface must be protected against UV light (ceramic edge, frames, etc.)
Water resistance:	Good
Solvent resistance:	Moderate
Acid resistance:	Moderate
Slump resistance (stability):	Very good
Shrinkage:	0%
Application conditions:	$+5^\circ\text{C}$ to $+35^\circ\text{C}$
Type of surface:	Old PU glue, coated metal/aluminium, and ceramic car window edges
Surface preparation:	The surface must be clean, dry and free of grease. Cut away the old adhesive layer up to a thickness of $\pm 2 \text{ mm}$ . Clean the edge of the windscreen with Innotec <a href="#">Multisol</a> or Innotec <a href="#">Seal and Bond Remover</a> , wipe off well with a clean, dry cloth and leave to evaporate for 10 minutes. Even if there are no remains of old adhesive in the rebate, clean with Innotec Multisol or Innotec Seal and Bond Remover, wipe off well with a clean, dry cloth and leave to evaporate for 10 minutes. In case of paint damage, insulate





with [Glass - Body Primer](#).

Application method:	Apply Safe Seal in a V shape (8*12) directly from the foil pack using a glue gun ( <a href="#">Multi Gun 600</a> or <a href="#">Air Sealant Applicator 600</a> ). Mount the windscreen within 15 minutes and press lightly.
Open time:	± 20 minutes (at 23°C / 50% relative humidity)
Safe drive-away time:	30 minutes according to FMVSS 212 Recommended: 4 hours with airbags (at 23°C / 50% relative humidity)
Curing time:	± 3 mm in 24 hours (at 23°C / 50% relative humidity)
Cleaning of materials used:	With Innotec <a href="#">Multisol</a>
Cleaning of hands:	With Innotec <a href="#">Power Scrubs</a> or with Innotec <a href="#">Safe Hand Clean Plus</a> and water
Shelf life:	1 year in original, unopened packaging
Storage conditions:	Store cool and dry
Type of batchcode:	F
Certificate type:	TÜV Rheinland <u>Tested according to:</u> FMVSS 212 - Windscreen circumference : 4019 mm - Vehicle speed : 48,16 km/h - Time of windscreen gluing : 13.13 h - Time of testing : 13.43 h <u>Test result:</u> The windscreen remains 100% glued to the vehicle!
EAN Code:	5400563004531

This technical info sheet replaces all previous versions.

All information is supplied without obligation and based on our knowledge and experience with the product under normal conditions. In practice, the information supplied can in no way replace the tests that need to be performed before first use of the product. Only prior testing of the product can prove whether the product is indeed suitable for the intended application (or not). Thus, we cannot accept any responsibility in case our products are not used in compliance with the advices given.

If the product should not meet the quality requirements, we will only reimburse up to a maximum of the purchase price of the product. We accept no responsibility whatsoever and shall under no circumstances be liable for damage or consequential loss arising from the use of the product.

For information concerning safe use and storage, please refer to the safety data sheet of the product concerned.

