

## Safe Seal IQ 290 ml

Art.: 01.2429.0000

290 ml

Safe Seal IQ is a high-quality strongly adhesive windscreen sealant based on MS polymers and specially developed to install glued windscreens in the Mobility sector where a setting time of  $\pm 15$  minutes is desired. Safe Seal IQ does not contain isocyanates nor solvents.



Base:	Silane modified polymers, without isocyanates
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 $+100^\circ\text{C}$
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 (constancy):	Very good
Percentage of solids:	$\pm 100\%$
Shrinkage:	0%
Application conditions:	$+5^\circ\text{C}$ to $+35^\circ\text{C}$
Type of surface:	Glass, old PU sealant, ceramic edges, metal, painted surfaces
Surface preparation:	The surface must be clean, dry and free of grease. Cut away the old sealant 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 sealant 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.





Application method:	Apply Safe Seal in a V shape (8*12) directly from the cartridge using a glue gun (InnoQuip Pro 2000 Gun, Easy Grip Gun or Air Sealant Applicator 300). 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 Multisol
Cleaning of hands:	With Innotec Safe Hand Clean Plus and water
Shelf life:	12 months in original, unopened packaging
Storage conditions:	Store cool and dry
Type of batchcode:	F
Other details:	To prevent air enclosure in the cartridge, it is advisable not to use a glue gun where the plunger of the cartridge is being moved forward by compressed air. OEM approved
Certificate type:	<b>TÜV SÜD</b> <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:	5400563004425

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.

