



## MD MS WINDSCREEN ADHESIVE

05.08.2016

<b>TÜV Certificate no. 09-00781-CP-GBM</b>	
1-K modified Silan Polymers, curing method moisture, no solvents.	
Base	Pastelike from hand- or air pressure gun to process (2-5 bar), very good stability.
Color	black
Application temperature:	+5°C to +35° C
Temperature resistance	-40°C to + 90°C
Skin forming time	ca. 15 min. (20°C/50% rel. LF)
Pot life	< 15 min. (20°C/50% LF)
Curing speed	ca. 3 mm/24 hour (DIN 50014)
Drive away time	2 hours
Volume shrink after curing	1% 14 d (DIN 50014)
Shore-A-Hardness	approx. 57 (DIN 53505)
Green strength	approx. 600 Pa, Physical flow meter 100 MC
Elongation at break	approx. 180%, (DIN 53283)
Tensile strength at break	approx. 2,7 MPa (DIN53504)
Tensile strength 100%	approx. 1,7 MPa (DIN 53504)
Shear strength	approx. 2,5 MPa (DIN 53283)
Tear propagation	16 N/mm2 (DIN 53515)
Shelf life	12 months in an unopened cartridge on a dry place (+5°C til +30°C)
<b>Description</b>	
<p>MD MS Windscreen adhesive is a moisture curing 1-part Modified Silan Polymer adhesive with a high tensile strength. It is suitable for making elastic constructive joints The new Polymer technology combines the advantages of different materials such as PU, Silicon, Acryl and Rubber in one product. It is non-aggressive, can be painted after 15 Minutes, even wet. The painting does not slow down the curing. MD MS Windscreen adhesive is fast drying, contains no isocyanates, solvents or silicone (VOC-free). Remains flexible.</p>	
The values are average values. They serve merely for your information, but assume no warranty	

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The information in this product has been compiled to the best of our knowledge and is intended purely for information purposes. No claims can be inferred therefrom. Before use, thorough experiments should be carried out. Our brochure represents a basis. Responsibility for possible measures to protect property and persons lies with the user. Safety data sheets on the required standard are available for all products on request.



Chemical resistance		
good	default	bad
Water	Ester	concentrated Acids
Seawater	Katonen	chlorinated Hydrocarbons
aliphatics solvent	Aromatics	
Oils		
Fats		
diluted inorganic Acids		
Alkalis		
Applications		
<ul style="list-style-type: none"> <li>○ Bonding of windshields, cars, boats etc</li> <li>○ Bonding and sealing of sun-roof systems</li> <li>○ Constructional bonding and sealing in automotive bodywork, truck building, mobile homes caravans, general vehicle and container repair and construction</li> <li>○ Bonding of steel plate, galvanized or aluminum body parts, corner profiles (window-frames) and floor construction</li> </ul>		<ul style="list-style-type: none"> <li>○ Sealing of bodywork joints, water leakage on boats, rear lights, also on wet surfaces.</li> <li>○ Bonding and sealing of polyester on steel, aluminum and wood, also mutually.</li> <li>○ Sealing of portholes and air shafts.</li> <li>○ Installing and sealing of electronic components, pipe passages, teak decks, polyester and stainless steel in pleasure cruisers.</li> </ul>
Directions for use		
<p>MD MS Windscreen adhesive must be applied on a clean, degreased surface. (Use primer on stainless steel) Can be applied with pneumatic applicator or manual gun. Open the cartridge and fix the nozzle. Cut of the nozzle at the desired diameter. Press parts together within 10 minutes. See cartridge labeling for further instructions.</p>		

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Features	
<ul style="list-style-type: none"><li>○ Very good adhesive properties – even without Primer – on metal, glass, plastic substrates, paint, base coats, mineral surfaces, painted wood etc.</li><li>○ Remains permanently elastic after curing within temperatures ranging from -40°C to +120°C, does not shrink, resist vibrations.</li><li>○ Neutrally reticulating, odorless, and fast curing</li><li>○ Can be painted wet in wet with acrylic or emulsion paint.</li><li>○ Good UV resistance and aging properties</li></ul>	
Packaging	Item number
12 cartridges á 420 g	MSK.K290

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