

Windscreen Adhesive



Elastic 1-C adhesive and sealant for mounting glass and window panes | ISEGA-certified

WEICON Windscreen Adhesive is an elastic, pasty, strong 1-C adhesive and sealant based on MS-Polymer, which is specially

designed to mount glass and window panes. For example, the adhesive bonds windscreens, rear windows and side windows in powered industrial trucks, agricultural machines, and construction machines. It is also suitable for furniture manufacture or for installations in gardening and landscaping. Windscreen Adhesive provides high adhesive strength on many materials and cures with air humidity. The adhesive shows excellent ageing resistance and good UV stability.. It is joint-filling, odourless, and free of silicones, isocyanates, halogens, and solvents.

Characteristics

Base	1C MS-polymer	
Texture	pasty	
Colour	black	
Cure type	moisture-curing	
Can be painted	only "wet into the wet" within 3 h at the latest	
Stability/run-off	ASTM D 2202	1.0 mm
Building material class	DIN 4102	B 2
Minimum shelf life	at room temperature	12 mon.

Processing

Curing condition	from +5 °C to +40 °C and 30% to 95% rel. air humidity	
Curing speed	in the first 24 h	2 - 3 mm
Density	1,44 g/cm ³	
Max. sealing joint width	25 mm	
Gap bridging up to max.	5 mm	

Curing

Skin-over time	25 min.
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Mechanical properties after curing

Tensile strength	ISO 37	3,3 N/mm ²
Elongation at break (tensile)	DIN 53504/ASTM D412	650 %
Tear resistance	DIN 53515 / ASTM D 1002	20 kN/m
Hardness (Shore A)	DIN ISO 7619	42±5
Shear strength according to DIN EN 1465		
Medium lap shear strength (DIN EN 1465/ASTM D 1002)	2,1 N/mm ²	
Volume change	DIN 52451	-1 %

Thermal parameters

Temperature resistance	-40 °C to briefly +90 °C up to +130 °C
Tg after curing at room temperature	~ -55 °C

Electrical parameters

Specific resistance	> 10 ¹⁰ Ω·cm
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Surface Pre-Treatment

Surfaces must be clean and free of grease. Many surface soilings, such as oil, grease, dust and dirt can be removed with WEICON

Surface Cleaner. For heavily soiled metal surfaces, we recommend Cleaner Spray S; for removing old colour residues or adhesive

residues, WEICON Sealant and Adhesive Remover is ideal. Most materials can be bonded to and among each other. For certain materials or special requirements, we recommend the use of a

bonding agent (primer). Mechanical surface pre-treatment e.g. by grinding or sanding can also improve the adhesion considerably.

Application

Application methods Cartridge gun for 310 ml cartridges, compressed air gun, we recommend a version with piston rod (WEICON Compressed Air Cartridge Gun), automatic dosing systems. Joining the components In order to guarantee and ideal wetting, the bonding parts need to be joined, before the adhesive skins over (skin-over time).

Storage

Store in the unopened original container at room temperature. Avoid sources of heat and direct sunlight.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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Windscreen Adhesive

Accessories

- 10025241 V-Joint Nozzle, 1 PCE
- 10059792 Pressure gun Airflow 3, 1 PCE
- 10020751 Cartridge Gun Special, 1 PCE
- 10000441 Cartridge Gun, 1 PCE
- 10101992 Clip Nozzle Green Tube, 1 PCE, transparent

Available sizes

- 10105030 Windscreen Adhesive, 280 ml (plastic bag), black
- 10105032 Windscreen Adhesive, 280 ml (Green Tube), black
- 10105035 Windscreen Adhesive, 280 ml (Set), black

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