

Windscreen Adhesive



Shore A hardness (DIN 5355 / ASTM D 224) ± 5	42
Elongation at break (DIN 53504/ASTM D 2240) ± 5	650 %
Tensile strength of pure adhesive and sealant	3,3 N/mm ²
Average tensile shear strength (DIN EN 1465/ ASTM D 12)	2,1 N/mm ²
Tg after curing at room temperature	-55 °C
Specific resistance	> 10 ¹⁰ Ohm/cm
Tear strength (DIN 53515/ASTM D 1002)	20 N/mm ²
Movement capacity max.	15 %
Overpaintable (liquid paint) only „wet in wet“, within 3 hrs. at the latest after material app	
Building material category (DIN 412)	B2
Temperature resistance	-40 to +90 briefly to +130 °C

*Measured at 50% relative air humidity and +23°C

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.



Technical Data

Base	1 C.-Polyoxypropylener
Colour	black
density	1,44 g/cm ³
Viscosity adhesive	pasty
Stability/Run-off (ASTM D 222)	1 mm
Processing temperature	+5 to +40 °C
Cure type	By humidity
Curing condition	+5 to +40°C and 30% to 95% rel. humidity
Skin-overtime*	25 min.
Curing speed (first 24h)	2 - 3 mm
Volume change (DIN 52451)	-1 %
Gap filling up to max.	5 mm
Gap width up to max.	25 mm
Shelf life (+5°C to +25°C / +41°F to +77°F)	12 months

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.

Surface pre-treatment

The surfaces must be clean and free of grease. Many surface contaminants, e.g. oil, dust and dirt, can be removed with WEICON Surface Cleaner. For heavily soiled metal surfaces, we recommend WEICON Cleaner Spray S; WEICON Sealant and Adhesive Remover is suitable for removing old paint or adhesive residues. Most materials can be bonded well to themselves and among each other. For certain materials or extreme requirements, we recommend the use of an adhesion agent (primer). Detailed information on this subject is contained in the primer selection table. A mechanical surface pre-treatment, e.g. sanding or sand-blasting, can considerably improve the adhesion.

Processing

Application methods

Professional cartridge gun for 310 ml cartridges, compressed air gun (we recommend a variation with piston rod), automatic dosing systems.

Joining the parts to be bonded

To ensure optimal wetting, the parts must be joined before the first skin has been formed on the adhesive (skin-overtime).

Storage

When unopened and stored at room temperature (+23°C and 50 % rel. humidity), WEICON elastic one-component adhesives and sealants have a shelf life of 12 months.

Safety and health

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

Available sizes:

13711310	Windscreen Adhesive 310 ml
13711200	Windscreen Adhesive 200 ml

WEICON GmbH & Co. KG
(Headquarters)
Germany
phone +49 (0) 251 9322 0
info@weicon.de
www.weicon.de

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae
www.weicon.ae

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca
www.weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr
www.weicon.com.tr

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730 763
office@weicon.com
www.weicon.com.ro

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za
www.weicon.co.za

WEICON South East Asia Pte Ltd
Singapore
phone (+65) 6710 7671
info@weicon.com.sg
www.weicon.com.sg

WEICON Czech Republic s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz
www.weicon.cz

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es
www.weicon.es

WEICON Italia S.r.l.
Italy
phone (+39) 0102924871
info@weicon.it
www.weicon.it

Accessories:

13250000	Cartridge Cutter, 310 ml
13250001	Cartridge Gun,
13250002	Cartridge Gun Special,
13250009	Compressed Air Cartridge Gun,
13955031	V-Joint Nozzle,

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.

WEICON GmbH & Co. KG
(Headquarters)
Germany
phone +49 (0) 251 9322 0
info@weicon.de
www.weicon.de

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae
www.weicon.ae

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca
www.weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr
www.weicon.com.tr

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730 763
office@weicon.com
www.weicon.com.ro

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za
www.weicon.co.za

WEICON South East Asia Pte Ltd
Singapore
phone (+65) 6710 7671
info@weicon.com.sg
www.weicon.com.sg

WEICON Czech Republic s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz
www.weicon.cz

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es
www.weicon.es

WEICON Italia S.r.l.
Italy
phone (+39) 0102924871
info@weicon.it
www.weicon.it