

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.

Technical Data

| | | |
|---|---|-----------|
| Base | 1 C. polyoxypropylene | |
| Colour | black | |
| Texture | pasty | |
| Can be painted | only "wet into the wet" within 3 h at the latest | |
| Cure type | moisture-curing | |
| Stability/run-off | ASTM D 2202 | 1.0 mm |
| Density | 1,44 g/cm³ | |
| Curing condition | from +5 °C to +40 °C and 30% to 95% rel. air humidity | |
| Processing temperature | +5 °C to +40 °C | |
| Curing speed | in the first 24 h | 2 - 3 mm |
| Skin-over time | 25 min. | |
| Gap bridging up to max. | 5 mm | |
| Max. sealing joint width | 25 mm | |
| Tensile strength | ISO 37 / S3A | 3,3 N/mm² |
| Elongation at break (tensile) | DIN 53504/ASTM D412 | 650 % |
| Medium lap shear strength (DIN EN 1465/ASTM D 1002) | 2,1 N/mm² | |
| Tear resistance | DIN 53515 / ASTM D 1002 | 20 kN/m |
| Volume change | DIN 52451 | -1 % |
| Hardness (Shore A) | DIN ISO 7619 | 42±5 |
| Temperature resistance | -40 °C to briefly +90 °C up to +130 °C | |
| Tg after curing at room temperature | ~ -55 °C | |
| Specific resistance | > 10 ¹⁰ Ω·cm | |
| Building material class | DIN 4102 | B 2 |
| Minimum shelf life | at room temperature | 12 mon. |

Approvals / Guidelines

| | | |
|----------|---------------|------------|
| MIL-Spec | complies with | MIL-A-101A |
|----------|---------------|------------|

Surface Pre-Treatment

Surfaces must be clean and free of grease. Many surface soiling, 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).

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

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.

Accessories

| | |
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| 10025241 | V-Joint Nozzle, 1 PCE |
| 10033114 | Compressed Air Cartridge Gun, 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 |

To the product detail page:



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