

AB-600

Revision Date: 20 June 2023

Odorless Windscreen Adhesive

DESCRIPTION

AB-600 one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

* Note: Primer-less application requires the glass to be prepared with a non-antistatic glass cleaner. Also the bonding surfaces must be free of contamination prior to the application of the adhesive

PROPERTIES

- Environment friendly, solvent-free.
- Excellent bonding and sealing, primer-less.
- Excellent softness after curing, easy to cut, convenient for replacement.

APPLICATIONS

Suitable for windshield and side & back window glass bonding.

TECHNICAL DATA

Items:	Test Std	Requirement	Typical value
Appearance	/	Black,homogeneous paste	/
Density(g/ml)	GB/T 13477.2	1.47 ± 0.1	1.47
Extrudability(ml/min)	GB/T 13477.4	≥ 60	75
Sagging properties (mm)	GB/T 13477.6	≤ 0.5	0
Tack free time (min)	GB/T 13477.5	20~45	30
Curing speed (mm/d)	HG/T 4363	≥ 3.0	3.1
Non-volatile contents (%)	GB/T 2793	≥ 98	99
Shore A-hardness	GB/T 531.1	50~60	55
Tensile strength(MPa)	GB/T 528	≥ 3.0	3.5
Elongation at break(%)	GB/T 528	≥ 300	330
Tear strength(N/mm)	GB/T 529	≥ 7.0	10
Tensile-shear strength(MPa)	GB/T 7124	≥ 1.5	2.0
Service temperature(°C)	/	-40~90	

Notes: All data above were tested under standardized condition at $23 \pm 2^{\circ}\text{C}$ 、 $50 \pm 5\%\text{RH}$

DIRECTIONS FOR USE

- Remove dust, oil and water from the surface of substrates.
- **In order to ensure the bonding effect and compatibility between the product and the substrate, tests should be conducted in advance on the actual substrate and environment.**
- Application environment temperature 5~35℃, humidity 50~70%RH. When the temperature below 5℃, recommended place products in the environment of 30~40℃ for 1H (No more than 3H).
- For Construction method, please refer to Adolf Bucher construction description or consult technical personnel.
- Part of the available nodes modification can use scraper or rigid foam, detailing modification can use available soap and water level.
- The product can be used without activators and primers, but recommended to use it with activators and primer when the ambient temperature below 10℃.

PACKAGING

Cartridge	310ML
Sausage	400ML / 600ML
Drum	240KGS / 260KGS

TRANSPORT AND STORAGE

- Transport: Keep away the sealed product from moisture, the sun, high temperature and avoid collisions.
- Storage: Keep sealed into cool, dry place. Temperature: 5~25℃. Humidity: ≤50%RH.
- Shelf life: Cartridge and Sausage 9 month, Drum 6 month.

SAFETY

- Keep away from children.
- Avoid contacting with skin and eye. For skin contacted, remove the sealant by cloth, wash skin thoroughly with soap and water.
- For eye contacted, hold eyelids apart and flush thoroughly with water, contact physician.

DISCLAIMER

All recommendations concerning our products, including transportation, storage, and handing are based on our current knowledge and experience under normal conditions. In practical application, results may differ because of materials and actual site conditions change, our company do any guarantee and bear any legal responsibility. In order to ensure the bonding effect and the compatibility of products and materials, it is recommended to do the compatibility test or consult our company's Technical Services before proceeding with the full application.