

PRODUCT DATA SHEET

weberseal NS 135

PRODUCT

- It is a high/middle modulus elastomeric silicone sealant specifically designed for weatherproofing curtain wall.
- It has good adhesion and elongation indicators for aluminum, glass, coated glass, concrete, certain plastics, natural stone and wood, and has no signs of corrosion or discoloration.
- It is completely unaffected by rain, snow, sharp temperature changes, and long-term UV exposure.
- It meets the requirements of ASTM C920 and ISO 11600.

Uses

- It could be used for assembling, sealing, sticking and repairing of most glass.
- It is widely used for glazing and sealing all types of steel frame stone aluminum tunnel road metal engineering and building fitment.
- It is a specified, premium performance weather sealing product specifically designed for general glazing and weather sealing in curtain wall and building facades.

Features and Benefits

- UV resistance
- Waterproof
- None corrosive
- Weatherproof
- Low odor

TECHNICAL DATA

Items	C*a/T*b/S*c/O*d	Unit	Typical Value	Requirement	Test Std	Eqv. Std
Appearance		/	Fine, uniform paste		By eyes	
Density		g/cm ³	1.53		GB/T 13477.2	
Tack free	///Finger	min	16		GB/T 13477.5	ASTM D2377:2000
Elongation at Break, %			600%		GB/T 528	ISO 37
Sagging		mm	≤1		GB/T 13477.6	ISO 7390:1987
Hardness, Shore A	7d///	/	35		GB/T 531.1	ISO 7619-1:2004
Curing Depth	24h///	mm	1.85		GB/T 32369	
	7d///	mm	31		GB/T 32369	
Movement Capability			20HM			
Elastic recovery rate		%	93		GB/T13477.17	ISO 7389
Tensile strength	23°C				GB/T13477.8	ISO 8339
Elongation at break	23°C	%	159.1		GB/T13477.8	ISO 8339
Tensile modulus	100% modulus, 23°C	Mpa	0.58		GB/T13477.8	ISO 8339
Tensile strength	-20°C	Mpa	0.97		GB/T13477.8	ISO 8339
Elongation at break	-20°C	%	256.3		GB/T13477.8	ISO 8339
Tensile modulus	100% modulus, -20°C	Mpa	0.84		GB/T13477.8	ISO 8339
Tensile Properties at maintained extention			Pass		GB/T 13477.10	ISO 8340:2005
	After immersion		Pass		GB/T 13477.11	ISO 10590:2005
Adhesion/cohesion properties	variable temperature	/	Pass		GB/T 13477.13	ISO 9047
	UV radiation		Pass		JC/T 485-2007	ISO 8340
	Immersion illumination		Pass		JC/T 485-2007	ISO 11600

*Above physical data are taken on laboratory tests. In situ material performance may vary according to environmental & workmanship conditions beyond manufacturer control.

PROCEDURE

Application

- Surface must be clean and free from grease and old glue. Mask smooth surface to simplify clean up.
- Use the sealant after cleaning agent dries, around 1~2mins later. You can use two different cloth, one for cleaning agent, and the other for sealant. (Notice that the two can't be mixed use together, and the second cloth will be better purified cotton and no picking).
- For better appearance, cover outside of joint areas with masking tape before application.
- Cut nozzle to desired size and extrude sealant to joint areas. Tool immediately after sealant application, make it smooth and remove masking tape before sealant skins.

Restrictions

- To the substrate that the surface temperature exceeds +50°C or apply at temperatures below 5°C.
- To the surfaces that with direct touch of food.
- Do not use for structural glazing.
- To all surfaces that bleed oil, plasticizers or solvents such as wood immersed in oil, oil crack filler, and some uncured or sulfurized fat and to surface where is wet.

STORAGE AND PACKING

- Black, White, Grey, Different colours are available.
- 300 mL

HEALTH AND SAFETY

Keep out of reach of children. Before operation, please carefully read the specifications of products and material, and instructions on the package of container.

Material may cause irritation to eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical assistance. After contact with skin, wash immediately with plenty of soap and water.

Please refer to Material Safety Data Sheet (MSDS) for health, safety and handling of the product.

* Note: The information and physical data in this catalogue is given to the best of our knowledge under standard testing method and controlled environment. The results may vary with different weather / site conditions, workmanship or substrates. This is beyond our control that we shall not be liable for any faults or consequences arising or associated with this. We suggest comprehensive tests to be conducted before final application. Unless specified, all technical data are average values with curing time of 28 days. We reserve the right to update or amend the contents in the light of new findings during the course of research and development.