

WÜRTH 1-C SG SILICONE SEALANT



Art.No. 0890 538300 P.Qty. 1
Contents: 300ml

Characteristics

- ASTM C920: Single component NS, Class 50, NT, M, G, A
- Single-component, neutral curing. high modulus, high elasticity.
- Temperature resistant, flexible, non-corrosive and pollution-free sealant body after cure.
- Excellent unprimed adhesion to most common building substrates.

Main Function

- For structural sealing of glass curtain walls, stone (marble, granite) curtain walls, aluminum board curtain walls and other metal structural engineering.
- Fixing and glazing of wind pressure resistant glass.
- For structural sealing between glass and metal component in workshop curtain walls.
- Other architectural and industrial sealing.

Storage

- 12 months under dry condition, below 30°C

Color

- Black.

Package

- 300 ml cartridge
- 590 ml sausage

Shelf life

- Store the product in a cool and dry place.
- The shelf life is 12 months

Caution

- Keep out of reach of children
- Avoid contact with skin.
- Use only in well ventilated areas
- Don't use in aquariums

Health and safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent materials safety data sheet containing, physical, ecological, and toxicological and other safety related data.

Technical Data		
Properties	Result	Test method
Slump, mm	≤3 NS	ASTM C 639
Extrudability, s	≤10	ASTM C 1183
Tack-free time, min	40 min	ASTM C 679
Hardness (Shore)	20 - 60 NT	ASTM C 661
Mass loss by heat, %	≤5	ASTM C 1246
Tensile Strength, MPa	≥0.87	ASTM C 1135
Joint Movement Capability,%	±50	ASTM C 719
Tear Strength, kN/m	≥5	ASTM D 0624
Elongation at break,%	≥140	ISO 8339
Cure time, h	48 hrs	-
Staining	No	ASTM C 1248
Elastic recovery	≥80%	ASTM D 6049
Service temp	-40 - 200°C	-
Specific gravity	1.4 ± 0.1	-

Note

For application details and warranty requirements please refer to wüth Gulf structural glazing technical manual