

Structural Silicone Glazing Sealant

Description

It is a single component, high performance professional grade 100% neutral silicone sealant. It is suitable for a wide range of sealing and glazing applications where durability and reliability is required. It has superior resistant to UV-radiation, vibration and weathering, with service life of ten of years.

Features

- ◆ Single part, neutral cured for most construction materials, durability and reliability
- ◆ Excellent adhesive properties, high and permanently flexibility
- ◆ High modulus after cured, joint movement capability of up to $\pm 25\%$ of the original joint width
- ◆ Non corrosive to metals, automobiles
- ◆ Resistant to UV-radiation, vibration, and weathering
- ◆ Low shrinkage, no sagging, primerless adhesion to most materials

Uses

Spider glass, structural adhesion and seal the joint of the structural glass and metal or other building components in the factory or building sites. Also ceramic, tiles, aluminum, fiberglass, non-oil wood, etc.



Technical Data

No	Item	Index
1	Appearance	Non-sagging paste
2	Color	White, black, grey
3	Odor	Low oxime smell
4	Density, g/cm ³	1.02±0.02
5	Tensile strength, MPa	2.0± 0.2
6	Elongation at break, Room temperature, %	~400
7	Tack-free time, min	15
8	Shore A hardness	~24
9	Application temperature, °C	-20 to 50
10	Service temperature, °C	-50 to 150

Not recommended: Traffic areas or areas subject to abrasion, paints coating, copper materials, poly-carbonate or polyacrylate if they are under tension.

Packing

300ml cartridge or 600ml sausage; 20kg/pail, 220kg/drum, or customized.

Storage

Sealed and stored in cool and dry place. It is suggested to be stored at 5~25°C, and the humidity is less than 50%RH. If the temperature is higher than 40 °C or the humidity is more than 80%RH, the shelf life may be shorter.

Shelf life: 9 months