

CHEMPU XYT926 SILICONE WEATHER-PROOFING SEALANT

Description:

CHEMPU XYT926 is one-component neutral curing silicone sealant with outstanding weatherproof, purposely studied for curtain wall. Its physical and chemical properties are stable in artificially accelerated weathering test. CHEMPU XYT926 is extruded from tube with sealant gun when used, and it absorbs the moisture in the air, then cures to elastomer capable of maintaining a seal effectively.

1.Characteristics:

- CHEMPU XYT926 belongs to RTV-1. Good extrusion and thixotropy between 4°C~+40°C. Easy to use;
- Neutral curing, non-corrosive to metal, (not including oxime copper) coated glass, concrete, marble, granite etc;
- High movement capability;
- Excellent resistance to low and high temperature change. No fragility, rigidification or crack at -50°C, and no softening, degradation at 150°C when cured. It always keeps good elasticity;
- Excellent adhesion to most common. building material without priming;
- Good compatibility with other neutral silicone sealants.

2.Purpose:

- Weather sealing in glass curtain wall joints;
- Weather sealing in metal, enamel curtain wall joints;
- Sealing in expansion joints for concrete, marble, granite, bricks, plastic and metal etc;
- Sealing in roof joints;
- Many other uses.

3. Typical Technology Data:

No.	Performance		Standard	Measured value	Single Evaluate
1	Appearance		Fine and uniform ointment, it shall not have bulb, surface coagulation and gel.	Conform to standard	Qualified
2	Slumpability (mm)	Vertical,(mm)	≤3	0	Qualified
		Horizontal	Non distorted	Non distorted	
3	Density (g/cm ³)		/	1.45	

4	Tack-Free Time (h)		≤ 3	0.7	Qualified
5	Extrusion, (ml/min)		≥ 80	150	Qualified
6	Tensile Modulus (Mpa)	23°C	>0.4 or >0.6	0.7	Qualified
		-20°C		1.0	
7	Permanent set adhesion		Non destroyed	Non destroyed	Qualified
8	Max. strength elongation(%)		/	281	/
Stability	Store for 12 months at -20 ~ 27°C in cool, dry places after date of delivery.				

4.Application Standard:

CHEMPU XYT926 is meet the following standards, or above

- China standard GB/T14683-2003
- Company standard Q/(NGS) CM 1-2005
- U.S.A ASTM C 920-01

4.Package:

CHEMPU XYT926 in 310ml Cartridge net 300ml,or in 590ml multi-

membrane cartridge. 6.Restriction of Usage:

- Cannot be used as structural sealant;
- Unsuitable for all kinds of material that can effuse grease, plasticizer or solvent;
- Unsuitable for the air-proof location, because it is required to absorb moisture in air to cure for the sealant;
- Unsuitable for the frosty or moist surface;
- Unsuitable for the continually soggy or moist place;
- Cannot be used the product if the temperature is below 4°C or above 40°C on the surface of the materials.

7.Technical Service:

- Offer the integral technical data of the products.
- Adhesion Test:

The products of CHEMPU XYT926 silicone weather-proofing sealant have excellent adhesion to most common building material, as glass, anodized aluminum, ceramictile、 granite, brick, wood. steel and most plastics. But we cannot ensure our

sealants are suitable to all materials, as a result of the unceasing appearance of new building materials and

the application of new surface treatment technology. In some cases, it is required to have the adhesion test on the substrates. In the laboratory of our company, we can carry out the adhesion test for clients and give the test report that includes experimental result, recommended products cleaning methods of the material surface etc.

● **Compatibility Test:**

If the accessory materials like baker, double-sided glue strip can not be compatible with silicone rubber, it may cause silicone rubber to turn colors, even lose adhesion. To avoid these problems, we provide services of compatibility test for clients. Clients can send the accessory to us by mail (or other ways), then we will carry out the compatibility test and give the test report.

● **Staining Test:**

We provide services of pollution test for to clients. clients can send the substrates to us by mail(or other ways).then we will carry out the staining test and give the test report.

8. **Joint Design and Working Procedure:**

Please refer to Section “The Technology instruction of CHEMPU Silicone weather-proofing sealant.”

9. **Safety:**

- Non-toxicity when cured;
- Avoid eye contact before curing. If happened, rinse opened eye for several minutes under running water, then consult with a doctor;
- Keep away from children;
- Ensure adequate ventilation at workplace or curing area.

10. **Warrant:**

As an ISO:9001 certified company, we are committed to establish and implement the ISO:9001 Quality Management System.

Maintenance:

Generally there needs no repairing. If impaired in sealing joints, clean with Proper solvent and repair with our products that can adhere well.

Important:

The information contained in this instruction is correct. However, by no means can it be considered an absolute guarantee, as usage and application of the product in accordance with the instruction given and their success in application is beyond our control and is dependent on a number of factors, Clients should have a good knowledge of the product and make independent judgments of optimal usage before application.

