

CHEMPU XYT930 NEUTRAL SILICONE SEALANT

Description:

CHEMPU XYT930 is a universal construction silicone sealant developed by our company, it overcomes the disadvantages of neutral cure silicone sealant such as unpleasant odor, corrosion to metal and coated glass. CHEMPU XYT930 can substitute neutral cure silicone sealant for sealing joints and has more widely application.

1.Characteristics:

- CHEMPU XYT930 belongs to RTV-1. good extrusion, Aluminum plate on and thixotropy between 4°C~+40°C. Easy to use;
- Neutral curing, non-corrosive to, coated glass, concrete, marble, granite etc;
- Release low-molecular-weight alcohol and no unpleasant odor during cure;
- Excellent resistance to weather, UV, ozone, water;
- 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:

- Glazing for all type door and window;
- As a secondary edge adhesive sealant;
- Sealing in aluminum curtain wall joints. Sealing in glass curtain wall joints;
- Sealing for metal structural engineering 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	Slump (mm)	Vertical,(mm)	≤3	Qualified
		Horizontal	Non distorted	
3	Tack-Free Time (h)	≤3	0.4	Qualified
4	Extrusion, (ml/min)	≥10	2.3	Qualified

5	Tensile Modulus (Mpa)	23°C	>0.4 or >0.6	0.8	Qualified
		-20°C		1	
6	Permanent set adhesion	Non destroyed		Non destroyed	Qualified
Stability	Store for 10 months at -20 ~ 27°C in cool, dry places after date of delivery.				

4.Application Standard:

CHEMPU XYT930 is meet the following standards, or above.

- Company standard Q/(NGS) CM1-2005

5.Package:

CHEMPU XYT930 in 310ml

Cartridge net 300ml.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 XYT930 silicone sealant have excellent adhesion to most common building material, as glass, anodized aluminum, ceramic tile, 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 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:

See also "The Technology Instruction of CHEMPU Construction Silicone 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.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 off actors. Clients should have a good knowledge of the product and make independent judgments of optimal usage before application