

CHEMPU XYT932 Silicone Anti-Mildew Sealant

Description:

CHEMPU XYT932 is a one-component neutral curing silicone sealant with outstanding anti-mildew that reaches to zero level of GB1741 and ASTM G 21. It is particularly suitable for sealing joints in mildew.

CHEMPU XYT932 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:

- Outstanding anti-mildew property;
- CHEMPU XYT932 belongs to RTV-1. good extrusion and thixotropy between 4°C~40°C Easy to use;
- Neutral curing, non-corrosive to Alum curtain, 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:

- Waterproof anti-mildew sealing and glazing in sanitary;
- Perimeter glazing for windows and doors;
- Sealing for glass, marble granite and metal plate curtain wall;
- Many other industrial uses.

3. Typical Technology:

Performance	Standard	Measured value	Testing Method
Color	Black, White, Grey or other colors	/	Qualified by supply-demand sides
Slump (mm)	≤3	1	GB/T 13477
Extrusion (s)	≤10	1.2	GB/T 13477

Tack-Free Time (min)	≤180	10	GB/T 13477
Hardness (HsA)	20 ~ 60	38	GB/T 531
Peel Strength N/mm	≥1.0	3.90	GB/T 13477
Tensile Strength in Adhesion (Mpa)	/	0.97	GB/T 13477
Elongation at Ultimate Strength (%)	/	80	GB/T 13477
Elastic recovery rate (%)	≥60	90	GB/T 13477
Movement Capability (%)	±12.5	±12.5	ASTM C 719
Loss of Heating %	≤10	2.0	GB 16776
Anti-mildew	0	0	GB 1741
Aging Test	Pass	Pass	ASTM C 793
Stability	Store for 12 months at -20~27℃ in cool, dry places after date of delivery		

4.Application Standard:

CHEMPU XYT932 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

5.Package:

CHEMPU XYT932 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 water 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℃ or above 40℃ on the surface of the materials.

7.Technical Service:

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

The products of CHEMPU XYT932 silicone sealant have excellent adhesion to most common

building materials, 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:**

Please refer to Section “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 of factors. Clients should have a good knowledge of the product and make independent judgments of optimal usage before application.