

antas-175T Translucent Mildew Resistant Silicone Sealant



antas-175T

Package:

300mL cartridge

Color:

Translucent

Light Grey

Shelf life:

12 months from the
manufacturing date under
27°C

Standard:

JC/T 885-2016 SR-25LM

Antas-175T is a one component, neutral curing silicone sealant, which designed specifically for sealing with various requirements for mold resistance. It is suitable for joint sealing in environments prone to mold growth, it absorbs moisture from the air at room temperature and solidifies into an effective mold proof elastomer. The movement capacity is $\pm 25\%$.

Features:

1. Excellent anti-mildew property, meets the highest level of GB/T 1741 standard: level 0;
2. Good extrusion and thixotropy at 5°C~45°C. Easy to use;
3. Neutral curing, non-corrosive to metal, coated glass, concrete, marble, granite etc.;
4. Excellent resistance to weather, UV, ozone, water;
5. Excellent resistance to low and high temperature change, remain good adhesion and elasticity at -50°C~150°C after curing;
6. Excellent adhesion to most common building materials after curing;
7. Good compatibility with other neutral silicone sealants.

Applications:

1. Installation and waterproof, mold proof sealing of kitchens and bathrooms;
2. Various types of door and window glass mold proof sealing;
3. Other areas that have mold resistant requirement.

Priming:

Priming is not usually required when using Antas-175T. However, sealant adhesion should always be tested to determine the need for a primer. If required, primer should be applied in a thin film to the joint surface using a clean lint-free cloth and allowed to dry before sealant application.

Technical service

Adhesion test, compatibility test and stain test are available before sealant application.

Limitation:

1. It cannot be used for structural assembly;
2. It should not be used on the surface of materials that may exude oil, plasticizers, or solvents (such as the surface of oil-soaked wood);
3. It should not be used in confined spaces, as the sealant needs to absorb moisture from the air and solidify;
4. It should not be used on painted surfaces, as it may cause sealing failure due to cracking or peeling of the paint film;
5. It should not be used in places that may come into direct contact with food;
6. Construction should not be carried out when the surface temperature of the material is below 5 °C or above 45 °C.

Transport and storage:

This product is flammable but not explosive, and can be delivered by normal means of transportation.

The products must be stored under 27°C, in the cool and dry place.

Curing and maintenance:

Antas-175T begins curing when it contacts with moisture in the air. The surface dry time is about 30 minutes. It generally takes 21 days for fully-cure. In the beginning of using the sealant, please remain fixed and flat in the sealant places. Generally, maintenance is not required. If the sealant joint is damaged, just replace the damaged part, with the solvent to clean, and then fill with the new sealant of the same color and quality.

Safety:

It is nontoxic after entirely cured. Avoid contacting eyes when operating. If happened, rinse opened eye under running water for several minutes. During the curing process, sealant will release a small number of organic molecules. Construction should ensure good ventilation. If necessary, take protective measures. Please keep children out of reach.

Technical parameters				
No.	Test items		JC/T 885-2016 index	Measured value
1	Sagging	Vertical, mm	≤ 3	0
		Horizontal	No deformation	No deformation
2	Tack free time, h		≤ 3	≤ 1.0
3	Extrudability, mL/min		≥ 80	≥ 300
4	Elastic recovery rate, %		≥ 70	≥ 80
5	Tensile Modulus, MPa	23°C	≤ 0.4	≤ 0.4
		-20°C	≤ 0.6	≤ 0.6
6	Adhesion at constant load, %		No destruction	No destruction
7	Adhesion at constant load after hot press and cold drawn, %		No destruction	No destruction
8	Adhesion at constant load after water immersion, %		No destruction	No destruction
9	Mass loss rate, %		≤ 10.0	≤ 7.0
10	Anti-mildew level		Level 0 or Level 1	Level 0