

Antas-352 Multipurpose MS Sealant



antas-352

Package:

600mL sausage

Color:

Black,
White,
Grey,
Customized

Shelf life:

12 months from the
manufacturing date under 27 °C

Standard:

EN ISO11600:2003
GB/T23261-2009
JC/T881-2001
GB30982-2014

Antas-352 is one-component, low-modulus, neutral curing modified silane sealant based on α -Silane-Terminated Polyether technology. It combines excellent performances of both PU and silicone sealants.

Features:

1. Excellent mechanical property with high strength and elasticity.
2. Excellent adhesion to most building materials.
3. Good surface painting feasibility.
4. Excellent performance of aging, heat and humidity resistance.
5. Safe and environmentally friendly with low VOC and no cyanate ester.
6. The cured sealant can be immersed in water continuously.

Applications:

1. Widely used on the sealing of fabricated walls.
2. Perfect designed for the sealing of wood, stone, glass, concrete, plastic, FPC and other nonmetallic materials
3. Widely used for the sealing of aluminum alloy, stainless steel, cast iron, stainless iron and other metallic materials
4. Successfully applied to airfield runways, highways, bridges, etc.,
5. Successfully applied to cars, buses, shipping and other transportation tools.

Limitation:

antas-352 should not be applied:

1. On building materials that bleed oil, plasticized or solvent, to materials such as impregnated wood, oil-based caulks, green or partially vulcanized rubber gaskets, or tapes or bituminous below-grade waterproof and asphalt-impregnated fiberboard.
2. In totally confined spaces.
3. When substrate surface temperature over 45°C or below 5°C.
4. On wet surface.
5. On the surface in direct contact with food.
6. For structural glazing.

Technical service:

Technical details are available in Jointas for customers.

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

Priming:

Priming is usually required when using antas-352. Moreover, sealant adhesion should always be tested in advance to determine the need for a primer. If required, primer should be applied in a thin film to the joint surface by using a clean lint-free cloth and allowed to dry before sealant application.

Equipment cleaning:

When not being used it is recommended that the dispensing equipment should be purged either with the uncatalyzed base, or flushed with a suitable solvent. If cured sealant has built up inside the equipment it is recommended to flush the equipment for an appropriate time. The solvent dissolves cured silicone sealant and provides optimum cleaning performance.

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-352 begins curing when it contacts with moisture in the air. The tack-free time is about 30minutes. It generally takes 21 days for fully-cure. In the beginning of using the sealant, please remain substrates fixed and flat in sealant places. Maintenance: first, move the destroyed parts away and clean it with the solvent, and then patch those parts with new sealants of 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		GB/T 14683-2017 index Stand Ordain	Test result
1	Appearance		Even, exquisite paste,	Even, exquisite paste,
			no bubble, no skinning, no gel	no bubble, no skinning, no gel
2	Density, g/cm ³		Specified value±0.1 (1.40±0.1)	1.41
3	Sag degree, mm		≤ 3	0
4	Tack free time, h		≤ 24	1
5	Extrudability, ml/min		≥ 150	576
6	Tensile at permanent deformation, %		≥ 70	90
7	Tensile Modulus, MPa	23°C	≤ 0.4	0.3
		-20°C	≤ 0.6	0.3
8	Adhesion at constant load		No destruction	No destruction
9	Adhesion at constant load after water immersion		No destruction	No destruction
10	Adhesion at constant load after cold drawn and hot press		No destruction	No destruction
11	Loss of mass		≤ 5	1