

antas-352 Modified Silane Sealant



Base

Modified silane

Color

Black

White

Grey

Packaging

600mL/sausage

Net weight

870g/sausage

Shelf life

9 months

Storage

Store in the cool and dry place, under 27°C,

Description antas-352 is a one component, low modulus, neutral curing, modified silane joint sealant with combined benefits of typical polyurethane and silicone sealants. Ideal for sealing prefabricated walls in construction with compatibility with a wide range of substrates. antas-352 is also used in infrastructure projects such as roads and bridges.

- Features**
- Excellent mechanical properties with high strength and elasticity
 - Excellent adhesion to most building materials
 - Can be painted over with most surface coatings
 - Excellent resistance to ageing, heat and humidity
 - Safe and environmentally friendly, with low VOC and no isocyanates
 - After cure, it is durable from -40°C to 90°C

Technical Data	Slump	0	
	Tack free time	1.3h	ENISO 11600:2003
	Elastic recovery	91%	GB/T 23261-2009
	Tensile modulus	0.3MPa	GB 30982-2014
	Loss of Mass	2.7%	JC/T 881-2017
	VOC	6g/kg	

- Applications**
- Widely used on the sealing of fabricated walls.
 - Perfect designed for the sealing of wood, stone, glass, concrete, plastic, UPVC, fiber panel and other nonmetallic materials
 - Widely used for the sealing of aluminum alloy, stainless steel, cast iron, stainless iron and other metallic materials
 - Successfully applied to expansion joint, airfield runways, highways, bridges, etc.,
 - Successfully applied to cars, buses, shipping and other transportation tools.

- Limitations** Antas-352 should not be applied:
- To 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 board.



GUANGZHOU JOINTAS CHEMICAL CO., LTD
Technical Data Sheet
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Modified Silane
Sealant

- Limitations**
- In totally confined spaces.
 - When substrate surface temperature over 45°C or below 5°C.
 - To wet surface.
 - On the surface contacted with food directly.
 - For structural glazing.

- Primer**
- When the substrate is clean without dust, it doesn't need primer generally. But in the following cases, primer is necessary:
- Oil stain on the substrate surface.
 - Moist substrate surface.
 - Loose substrate surface with a lot of holes and floating dust.

For primer usage:

- Open the package and pour out the primer with proper volume in a plastic vessel.
- Dip the soft brush into primer and brush on the substrate surface uniformly, and the brushed layer CANNOT BE TOO THICK.
- After dried in 20 minutes and then work the silicone on it IN 8 HOURS, or you have to rework the primer.
- The remaining primer cannot be poured back to the bottle.

Gap design

Generally, in the case of meeting the requirements of the expansion margin, the width of joint should be more than 10mm. When the width of joint is less than 10mm, it should use the grinder to adjust the width to 10mm and the sealant thickness should be not less than 8mm. When the width is more than 10mm but less than 30mm, for sealant the width: thickness should be 1:1 to 2:1, and thickness should be not less than 10mm. When the width more than 30mm, the thickness should be 15mm.

Coverage

Width, mm \ Thickness, mm	8	10	12	15	20	25	30
8	9.3m	7.5m	6.2m	5m	3.7m	-	-
10	-	6.0m	5.0m	4.0m	3.0m	2.4m	2.0m
15	-	-	-	2.6m	2.0m	1.6m	1.3m



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ISO14001

ISO质量管理体系认证

OHSAS18001

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Curing and maintenance

antas-352 begins curing when it contacts with the moisture in air. It generally cures 2mm/day, and takes 21 days for fully-cure. In the beginning of using the sealant, please remain the sealant places fixed and flat. Solvent can be used to clean the fractured sealants and then fill up with the new sealants with same color and quality.

Safety

It is nontoxic after entirely cured. Avoid direct contact with 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.