

# antas<sup>®</sup> 192

## Silicone Sealant for General Purposes

### DESCRIPTION

antas<sup>®</sup> 192 is a one component, neutral curing silicone sealant. It has good elasticity, movement capacity and bonding strength on commonly used nonporous construction materials eg glass, aluminum, concrete, ceramic and timber etc. It is mainly used for general construction sealing for doors, windows roofs and gutters.



### FEATURES

antas<sup>®</sup> 192 can be used internally and externally for joint sealing of doors and windows, glass and walls; glazing and sealing of glass; sealing of other nonporous materials.

- One component, good tooling capability at the temperature of 5 ~ 45°C.
- Neutral cure, no staining or corrosion on metal, coated glass, concrete and other building materials.
- Movement capacity of ±25%.
- Excellent resistance to weather, UV, ozone and water.
- Excellent resistance to high and low temperature, maintain good flexibility at the temperature of -50 ~ 150°C after

curing.

- Good compatibility with other neutral silicone sealants.

### STANDARDS AND SPECIFICATIONS

- ASTM C 920 Type S, Grade NS, Class 25, Use G, A

### TYPICAL PROPERTIES

No	Test items	Test result	
1	Sagging, mm	Vertical	0
		Horizontal	No deformation
2	Extrudability, ml/min	512	
3	Tack-free time, h	0.6	
4	Elastic recovery rate, %	86	
5	Tensile properties at maintained extension	No damage	
6	Adhesion / cohesion properties at variable temperature	No damage	
7	Adhesion / cohesion properties at maintained extension after water immersion	No damage	
9	Weight loss, %	<6	

### APPLICATION & MAINTENANCE

antas<sup>®</sup> 192 cures by reacting with moisture in air. The tack free time is approximately 20-40 minutes. It generally takes 21 days to be fully cured.

Objects should be secured prior to the applying and full curing of the sealant.

Maintenance of cured sealant is generally not required. In case of damage and requirement for repair, remove the old sealant and clean the substrate as required, then apply new sealants of the same color and quality.

### **PRIMING**

Priming is not usually required when using antas® 192. However, the adhesion of sealants should always be tested to determine the need for primers. 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 applying of the sealants.

### **LIMITATIONS**

antas® 192 should not be applied under the following conditions:

- On building materials that bleed oil, plasticiser or solvent, or on 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.
- In total confined spaces.
- On wet surface.
- On surface that contacts with food directly.
- For applications under constant high pressure and high temperature.
- When painting on sealants is required.
- For structural glazing.
- Installation and sealing of aquariums.

### **SAFETY**

Avoid contact with skin or eye when applying. If case of contact with eye, rinse opened eye under running water for several minute. Refer to Safety Data Sheet for more information.

During the curing process, the sealant will release small amounts of organic compound. Good ventilation of the construction area should be maintained. If necessary, take protective measures.

Read and follow material safety data sheet for safe handling or using.

### **PACKAGING**

300ml cartridges / 24 per carton  
500ml sausages / 20 per carton

### **COLOUR**

Clear and black. Other colours available on request.

### **TRANSPORTATION & STORAGE**

antas® 192 is classified as non-dangerous goods for transportation.

The product should be stored in a dry and cool place between 5 to 30°C. The shelf life is 9 months for package in cartridge and 12 months for package in sausage from the date of manufacturing under normal storage conditions.

**Estimated coverage: linear metres by one cartridge of antas® 192 (300ml)**

Thickness (mm)	Width (mm)						
	6	9	12	15	18	21	24
6	8.3	5.5	4.2	3.3	2.8	2.4	2.1
9	—	3.7	2.8	2.2	1.8	1.6	1.4
12	—	—	2.1	1.7	1.4	1.2	1.0

**Disclaimer:** The statements in this document are based on our present technical knowledge and experience. They do not relieve the applicators from carrying out necessary tests and experiments on their own. Since the conditions of applying our products may vary which can influence results in many ways, this document does not imply any legally binding assurance of certain properties or of suitability for a specific purpose.

V03MY2106