Product Data Sheet

ASMACO 2200

DESCRIPTION:
ASMACO 2200 is a single-component acetic cure silicone sealant crafted to cure in response to ambient air moisture, creating a flexible elastomeric seal. It is engineered for a wide array of construction and glazing tasks, boasting effortless application and superior adhesion to nonporous surfaces like glass, glazed ceramic tiles, and aluminum. Its robust composition ensures resilience to temperature fluctuations, making it a dependable choice for diverse sealing needs.



KEY PERFORMANCE PROPERTIES

- Single-component formula for ease of use
- Cures effectively at room temperature with ambient humidity
- Strong adhesion to non-porous substrates such as Glass, Glazed Ceramics, Aluminium, and Masonry
- Readily gunnable at temperatures ranging from low (+5°C) to high (+40°C)
- Rapid crosslinking leads to quick tack-free and crack-resistant properties
- Maintains flexibility at room temperature

AREAS OF APPLICATION

- Wide-ranging applications in construction and industry
- Strong adhesion for art and craft projects
- Convenient for DIY tasks and home improvements
- Versatile sealing and bonding capabilities
- Efficient gap-filling properties
- Effective for sealing door and window gaps
- Compatible with diverse materials like aluminium, steel, painted metal, UPVC, and plastic

CLEAN UP

Clean all the equipment immediately with **ANCHOR CLEANER 1**

COVERAGE RATE

The approximate linear meter sealant consumption per liter can be estimated from the following formula:

$$\frac{W \times D}{1000}$$

= Sealant Consumption per linear meter per liter.
Where: W = Joint Width (mm), D = Joint Depth (mm)

Joint Size in mm	Liters/meter Run
4 x 4	0.016
6 x 6	0.036

PACKAGING / SUPPLYING

ASMACO 2200 available in 280g Cartridge
(24 Cartridges / Carton)

METHOD OF APPLICATION

Preparation: Thoroughly remove all residual dirt and old sealant. Wipe the surface with a white cloth soaked in solvent to eliminate grease and dirt. Immediately wipe with another clean cloth to remove residual solvent and dirt.
Masking: Use masking to achieve a clean and neat appearance. Protect surrounding areas from excess sealant to reduce cleanup.
Applying:
Cut the nozzle at a 45° angle and attach it to the cartridge, placing it in the caulking gun. Apply the sealant at the base of the joint, ensuring complete filling and wetting on both sides. Avoid simply laying a bead on the surface, as the sealant needs to penetrate the joint.
Tooling: Immediately tool the surface of the joint after applying the sealant for a smooth, even finish. Avoid using soap or water as tooling aids. After a skin has formed, refrain from disturbing the joint for 48 h.
Curing: The curing time can take longer at lower temperatures, lower humidity or by low volume of air exchange.

QUALITY & CARE

All products originating from **ANCHOR ALLIED FACTORY** LLC Sharjah, UAE. facility is manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, and ISO 14001.

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STORAGE & SHELF LIFE

ASMACO 2200 Store in cool place under cover, out of direct sunlight and protect from extreme temperatures. In tropical climate the product must be stored in air – conditioned environment (< 25° C). The shelf life is up to 11 months in unopened conditions if stored as per guidelines.

HEALTH & SAFETY

Protective clothing such as gloves and goggles should be worn while applying **ASMACO 2200** In case the material splashes to the skin or eyes wash the same with fresh water immediately. **In critical cases seek medical assistance.**

TECHNICAL SPECIFICATIONS

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	Colors, Clear, White, Black, Cream, Grey, Beige, Brown & Others	—
Consistency	Thixotropic (Non Sag)	—
Curing Mechanism	Acetic	—
Density, g/m³	0.93 ±0.02	ASTM D 1475
Skin OverTtime	10 min (RT)	ASTM C 920 -18 / ASTM C 679 - 15
Curing rate	> 2 mm/day (23°C and 50% R.H)	—
Hardness Shore A	15 - 21	ASTM D 2240
Elastic Recovery	≥ 90%	ISO 7389
Adhesion & Cohesion	No, Cracks, Loss of Adhesion	ASTMC 920 -18/ASTM C 719 -14
DUMBLE TEST		
Elongation at Break	≥ 500 %	ASTM D 412
E 100 Modulus	≥0.30 N/mm²	ASTM D 412
Tensile Strength	>1.00 N/mm²	ASTM D 412

listed are based on laboratory-controlled All values given are subject to 5-10% tolerance.

Shipping Limitations: None

Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non – Warranty : Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.

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MFG. OF SILICONE , ACRYLIC & POLYURETHANE SEALANTS, WATER PROOFING COATINGS, SELF - ADHESIVE TAPES, SPRAY PAINTS, CONTACT ADHESIVE, PVC CEMENTS, EPOXY STEEL