



Product Data Sheet

ASMACO GP FAST

General Application Acetoxy Silicone Sealant

Description: ASMACO GP FAST Sealant is a premium single-component sealant, utilizing high-grade acetic cure silicone technology. Upon exposure to ambient moisture at room temperature, it forms a flexible elastomeric seal suitable for a wide array of construction and glazing applications. With its user-friendly application and superior adhesion to nonporous surfaces such as glass, glazed ceramic tiles, and aluminum, ASMACO GP FAST ensures reliable performance.



KEY PERFORMANCE PROPERTIES

- **Consistent Performance:** Provides reliable performance under varying environmental conditions and substrate types.
- **Versatile Application:** Suitable for a wide range of construction, sealing, and glazing applications.
- **Minimal Shrinkage:** Exhibits minimal shrinkage during curing process, ensuring a tight and durable seal.
- **Paintability:** Can be painted over once fully cured, allowing for seamless integration with surrounding surfaces.
- **Low VOC Formula:** Formulated with low volatile organic compound (VOC) content for improved indoor air quality and environmental friendliness.
- **Long Shelf Life:** Offers an extended shelf life for storage convenience and product longevity.
- **Wide Temperature Range:** Maintains performance integrity across a broad temperature range, enhancing versatility in application environments.
- **Compatibility:** Compatible with common construction materials and finishes, ensuring compatibility and ease of use in various projects.

AREAS OF APPLICATION

- ASMACO GP FAST Aluminium and glass installations, including standard glazing.
- Curtain wall jointing for architectural applications.
- Sealing solar collectors to ensure durability and weather resistance.
- Securing metal-to-metal joints and ductwork in HVAC systems.
- Draught-proofing windows and doors to enhance energy efficiency.
- Sealing door and window frames, tiling, skylights, and backlights.
- Creating flexible joints for sink and decorative part assemblies.
- Air conditioning system sealing for optimal performance.
- Shop window and greenhouse sealing for weather protection.
- Fixing automobile and windshield glass securely.
- Bus body sealing and interior applications for transportation vehicles.
- Waterproofing furniture and other wood-based applications, including flashings.
- Gasketing in industrial applications for sealing and dustproofing.
- Suitable for kitchen and chimney applications where temperatures do not exceed 180°C continuously.

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.

Rev 01, TDS_ASMACO GP FAST, GCC 0124



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Applying ASMACO GP FAST:

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 finish.

Use a tool with a convex profile to keep the sealant within the joint.

Avoid using soap or water as tooling aids.

After a skin has formed, refrain from disturbing the joint for 48 hours.

Curing:

The curing time can take longer at lower temperatures, lower humidity or by low volume of air exchange.

STANDARDS

ASMACO GP FAST has been tested and is classified:

- ISO 11600 F 25 LM, (previously known as BS 5889) Standard Specification for Elastomeric Joint Sealants.
- ASTM C-920, ASTM C 719 - Type S, Grade NS Class 25 Use NT, G.A
- ASTM C - 1184 For structural Silicone sealants

PACKAGING / SUPPLYING

ASMACO GP FAST is available in

280 ml Plastic Cartridge (24 Cartridges / Carton)

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	280 ml/Cartridge meter run
4 x 4	0.016	17.50
6 x 6	0.036	7.70

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.

HEALTH & SAFETY

Protective clothing such as gloves and goggles should be worn while applying **ASMACO GP FAST**. In case the material splashes to the skin or eyes wash the same with fresh water immediately.

STORAGE & SHELF LIFE

ASMACO GP FAST 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 12 months in unopened conditions if stored as per guidelines.

Note:

Storing the **ASMACO GP FAST** beyond the specified date on the label doesn't automatically make it unusable. For quality assurance, it is crucial to confirm with **ANCHOR ALLIED FACTORY** whether the properties required for the intended use remain intact in such instances.



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TECHNICAL SPECIFICATIONS

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	Clear, White, Black, Cream, Grey, Beige, Brown & Others	—
Consistency	Thixotropic (Non Sag)	ASTMC 920 -18/ASTM C 639 -15
Curing Mechanism	Acetic	—
Temperature Resistance	-50°C — +150°C	—
Application Temperature	+5°C — +40°C	—
MAF (Movement Capability)	± 50%	ASTM C 719
UV Resistant	300 hours	ASTM C 793
Density, g/m ³	0.97 ±0.02	ASTM D 1475
Skin Over Time	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	25 - 30	ASTM D 2240
Adhesion & Cohesion	No, Cracks, Loss of Adhesion	ASTMC 920 -18/ASTM C 719 -14
VOC	< 3	USEPA
DUMBLE TEST		
Elongation at Break	≥ 600 %	ASTM D 412
E 100 Modulus	≥ 0.30 N/mm ²	ASTM D 412
Tear Strength	> 4.00 N/mm ²	ASTM D 412
Tensile Strength	1.25 N/mm ²	ASTM D 412

Properties listed are based on laboratory-controlled tests.

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.

All ANCHOR ALLIED FACTORY LLC datasheets are updated on a regular basis. This technical data sheet supersedes all previous editions relevant to this product. It is the user's responsibility to obtain the recent version.



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

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