



Product Data Sheet

ASMACO All-in-1 High-Tech Sealant

Non-Corrosive, Tough & Strong.

DESCRIPTION:

ASMACO All-in-1 High-Tech Sealant is a versatile, elastomeric product that functions as both a powerful adhesive and waterproof sealant, ideal for construction, automotive, and home repair applications. This high-strength sealant is easy to apply and adheres well to various surfaces, curing within 24 to 48 hours and reaching full bonding strength in 7 days. Designed for durability, it forms a resilient, flexible barrier that resists moisture, temperature changes, and environmental stress, ensuring lasting performance across a wide range of uses.



KEY PERFORMANCE PROPERTIES

Dual Functionality:

- Acts as both a strong adhesive and a waterproof sealant, suitable for diverse applications.

High Strength:

- Provides robust adhesion to various surfaces, ensuring durable bonds.

Quick Curing Time:

- Cures within 24 to 48 hours, reaching full strength in 7 days.

Elastomeric Flexibility:

- Maintains flexibility, allowing it to withstand movement and vibration without cracking.

Weather and UV Resistance:

- Resilient against environmental factors, including moisture, extreme temperatures, and UV exposure.

Easy Application:

- Simple to apply with a smooth consistency, ensuring precise, clean results.

Long-lasting Durability:

- Designed for longevity, providing a reliable seal and bond for extended periods.

AREAS OF APPLICATION

Household Trim and Molding:

- Excellent for securing and sealing trim, molding, and decorative elements throughout the home.

Tile Bonding and Sealing:

- Perfect for bonding and sealing tiles in kitchens, bathrooms, and other areas.

Landscape Blocks & Masonry:

- Great for bonding and sealing landscape blocks, stone walls, and masonry features.

Panelling Installation:

- Securely bonds panelling to walls and other surfaces.

Countertops & Cabinets:

- Suitable for installing and repairing countertops and cabinets.

Backsplash Bonding:

- Provides a strong and durable hold for attaching backsplashes to walls.

Window & Door Installation:

- Ensures a secure, weather-resistant seal for windows and doors.

Pool Tile Fixing:

- Ideal for securing and repairing pool tiles,

Home Exterior Repairs:

- Great for outdoor repairs, including gutter sealing, roofing, and exterior wall fixes.

HVAC Systems:

- Seals ducts and repairs components in heating, ventilation, and air conditioning systems.

Marine & Automotive:

- Suitable for sealing and repairing boats and vehicles.

DIY Projects:

- Versatile for a wide range of home improvement projects.

Emergency Repairs:

- A reliable adhesive and sealant for urgent repair needs.

Recommended Surfaces:

- Adheres well to metals, wood, foam, rubber, tile, ceramic, marble, porcelain, glass, granite, brick, concrete, stucco, plaster, stone, masonry, drywall, fiberglass, some plastics & vinyl, composites, PVC, EPS, EPDM roofs, and more.

METHOD OF APPLICATION

Surface Preparation:

- Ensure that surfaces are clean, dry, and free from dust, grease, or loose material. Use a suitable cleaner if needed and allow the area to dry thoroughly.
- For optimal adhesion, roughen any smooth surfaces slightly.



Product Data Sheet

Application:

Cut the Tip:

- Cut the nozzle tip at an angle to achieve the desired bead size, and puncture the inner seal of the cartridge.

Load the Cartridge:

- Place the cartridge into a caulking gun.

Apply the Adhesive:

- Squeeze the trigger to apply a continuous bead of adhesive or sealant, keeping an even pressure. For larger areas, apply in vertical strips or dots at regular intervals.

Position and Press:

- Quickly position the surfaces together, pressing firmly to ensure full contact with the adhesive. Adjust if needed before the adhesive begins to set.

Quick Grab:

- The ASMACO All-in-1 High-Tech Sealant quick grab feature secures objects in place. For heavier items, use temporary support until the adhesive is fully cured.

Curing:

- Allow the adhesive to cure for 24–48 hours. Maximum strength is typically reached within 7 days.
- Avoid disturbing the bonded area during curing to ensure a secure and lasting bond.

Finishing:

- **Paint if Necessary:** Once cured, the adhesive can be painted to match the surrounding area.
- **Clean Up:** Remove any excess adhesive with a suitable solvent before it dries. Clean tools and hands with soap and water.

Storage:

- After use, release pressure from the caulking gun and recap the nozzle to prevent drying.
- Store the cartridge in a cool, dry place, away from direct sunlight.

By following these steps, you can ensure effective application of the ASMACO All-in-1 High-Tech Sealant. Always adhere to safety guidelines and manufacturer specifications for best results.

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.

COVERAGE RATE

Beed ø 15 mm	280 ml / 4.67 Running Meter
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PACKAGING / SUPPLYING

ASMACO All-in-1 High-Tech Sealant is available in 280 ml / Cartridge, **(12 Cartridges / Carton)**

CLEAN UP

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

HEALTH & SAFETY

Protective clothing such as gloves and goggles should be worn while applying ASMACO All-in-1 High-Tech Sealant. In case the material splashes to the skin or eyes wash the same with fresh water immediately.

STORAGE & SHELF LIFE

ASMACO All-in-1 High-Tech Sealant 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.



Product Data Sheet

TECHNICAL SPECIFICATIONS

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	White, Grey, Black & Others	—
Consistency	Smooth Paste (Non Sag)	—
Solid Content	100%	—
Curing rate	> 2 mm/day (23°C and 50% R.H)	—
Service Temperature	- 40°C — +90°C	—
Application Temperature	+5°C — +40°C	—
Density, g/m ³	1.67 ±0.02	ASTM D 1475
Skin Over Time	10min — 15 min (RT)	ASTM C 920 -18 / ASTM C 679 - 15
Hardness Shore A	~ 55	ASTM D 2240
Elongation at Break	≥ 300 %	ASTM D 412
Tensile Strength	~ 3.0 N/mm ²	ASTM D 412
Tear Strength	~ 8.0 N/mm	
UV Resistant	Good	

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

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.

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

Rev,01_TDS_ASMACO All in 1 High-Tech Sealant GCC 1124

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