



Product Data Sheet

ASMACO INSTANT GRAB ADHESIVE

Non-Corrosive, Tough & Strong.

DESCRIPTION: ASMACO INSTANT GRAB ADHESIVE is a high-strength, waterproof adhesive and sealant that offers quick and reliable bonding, sealing, and repair capabilities. Its instant grab feature secures objects in place without additional support, with a curing time of 24-48 hours and full strength achieved in 7 days. The unique I-Tech Sealant formulation allows for excellent performance, even underwater, making it ideal for sealing water leaks without the need to drain the area. This product is perfect for a wide range of applications.



KEY PERFORMANCE PROPERTIES

- **Easy to Use:** Simple application process.
- **Versatile Surface Application:** Can be used on both dry and wet surfaces.
- **Underwater Application:** Suitable for use underwater.
- **Strong Instant Grab:** Locks into place immediately, providing a strong hold.
- **Paintable:** Can be painted over once cured.
- **Permanent Flexibility:** Remains flexible over time, accommodating movement.
- **Non-Sag:** Stays in place without sagging, even on vertical surfaces.
- **Overhead Application:** Can be applied on overhead surfaces without dripping.
- **VOC Compliant:** Meets VOC regulations, making it safer for use.
- **Chemical and Microorganism Resistance:** Offers excellent resistance to chemicals and microorganisms.
- **UV and Weather Resistant:** Withstands exposure to sunlight and harsh weather conditions.
- **Low Odor:** Emits minimal odor during application.

AREAS OF APPLICATION

- **Household Trim and Molding:** Perfect for securing and sealing trim, moulding, and decorative elements around the house.
- **Tile Bonding and Sealing:** Ideal for bonding and sealing tiles in kitchens, bathrooms, and other areas.

- **Underwater Applications:** Effective for bonding, sealing, and repairing underwater surfaces like pools and pipes.
- **Landscape Blocks & Masonry:** Great for bonding and sealing landscape blocks, stone walls, and masonry.
- **Panelling Installation:** Securely bonds panelling to walls and other surfaces.
- **Showers, Pipes, and Baths:** Seals and repairs leaks in showers, pipes, and bathtubs.
- **Countertops & Cabinets:** Suitable for installing and repairing countertops and cabinets.
- **Backsplash Bonding:** Bonds backsplashes to walls, providing a strong and durable hold.
- **Window & Door Installation:** Ensures a secure and weather-resistant seal for windows and doors.
- **Pool Tile Fixing:** Repairs and secures tiles in pools, even underwater.
- **Home Exterior Repairs:** Ideal for outdoor fixes like gutter sealing, roofing repairs, and exterior wall repairs.
- **HVAC:** Seals ducts and repairs components in heating, ventilation, and air conditioning systems.
- **Marine & Automotive:** Useful for sealing and repairing boats and vehicles.
- **DIY Projects:** Versatile for a wide range of do-it-yourself home improvement projects.
- **Emergency Repairs:** Acts as a reliable adhesive and sealant for urgent repairs.
- **Recommended Surfaces:** Metals, wood, foam, rubber, tile, ceramic, marble, porcelain, glass, mirror, granite, brick, concrete, stucco, plaster, stone, masonry, drywall, fiberglass, some plastics & vinyl, composites, PVC, EPS, EPDM roofs, on different substrates, MDF, Wood, Concrete, Metal, Plastic, Fiber Glass.

METHOD OF APPLICATION

Surface Preparation:

- Ensure the surface is clean, dry, and free from dust, grease, or any loose material. If necessary, clean the area with a suitable cleaner and let it dry.
- For best results, roughen smooth surfaces to enhance adhesion.

Application:

- **Cut the Tip:** Cut the nozzle tip at an angle to achieve the desired bead size. Puncture the inner seal of the cartridge.
- **Load the Cartridge:** Insert the cartridge into a caulking gun.
- **Apply the Adhesive:** Squeeze the trigger to apply the adhesive or sealant in a continuous bead, making sure to maintain even pressure. For large surfaces, apply in vertical strips or dots at regular intervals.
- **Position the Materials:** Quickly bring the surfaces together, applying firm pressure to ensure full contact with the adhesive.



Product Data Sheet

Adjust as needed before the adhesive begins to set.

- **Instant Grab:** The adhesive's instant grab feature will hold the objects in place. For heavier items, temporary support may be needed until the adhesive cures.

Curing:

- Allow the adhesive to cure for 24-48 hours. Full strength is typically reached within 7 days.
- During curing, avoid disturbing the bonded area to ensure a strong and lasting bond.

Finishing:

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

Underwater and Wet Surface Application:**

- **ASMACO INSTANT GRAB ADHESIVE** can be applied directly to wet surfaces or even underwater. Follow the same application steps, ensuring that the surfaces are firmly pressed together.

Storage:

- After use, release the pressure from the caulking gun and recap the nozzle to prevent the adhesive from drying out.
- Store the cartridge in a cool, dry place away from direct sunlight.
- Following these steps should ensure proper application of the **ASMACO INSTANT GRAB ADHESIVE**. Make sure to adhere to safety guidelines and product specifications provided by the manufacturer.

** Instant Grab Adhesive provides excellent initial grab and bonding performance, including suitability for static underwater applications, for fixing compatible substrates in wet environments.

PACKAGING / SUPPLYING

ASMACO INSTANT GRAB ADHESIVE T GRAB ADHESIVE is available in

HEALTH & SAFETY

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

STORAGE & SHELF LIFE

ASMACO INSTANT GRAB ADHESIVE 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.

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, ISO 14001, ISO 45001, ISO 50001

CLEAN UP

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

COVERAGE RATE

Note: Coverage values are theoretical and calculated for a round bead with 100% material utilization. Actual coverage may vary depending on joint dimensions, application technique, surface conditions, and wastage during application.

Bead Size (mm)	Approximate Consumption (ml/m)	Coverage per 280 ml Cartridge (Running Meter)
3 mm	7.1	39.6 m
4 mm	12.6	22.3 m
5 mm	19.6	14.3 m
6 mm	28.3	9.9 m
7 mm	38.5	7.3 m
8 mm	50.3	5.6 m
9 mm	63.6	4.4 m
10 mm	78.5	3.6 m
11 mm	95.0	2.9 m
12 mm	113.1	2.5 m

Always conduct a mock-up test before installation to ensure the required bond strength is achieved, as performance may vary with fixture weight and application conditions.

	JOINT DIMENSIONS		BONDING
	Width mm	Depth mm	Thickness of Adhesive mm
min	5	5	2
	10	10	4
	15	15	6
	20	10	8
max	30	15	10



Product Data Sheet

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	White, Grey	—
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	1.6 ±0.02	ASTM D 1475
Skin Over Time	~20 min (RT)	ASTM C 920 -18 / ASTM C 679 - 15
Hardness Shore A	~ 55	ASTM D 2240
Elongation at Break	≥ 400 %	ASTM D 412
Tensile Strength	~ 2.5 N/mm ²	ASTM D 412
Tear Strength	~ 9.0 N/mm	—
Grab Strength	30 — 40 min	—
UV Resistant	Good	—
Bonding Under Water	Good	—

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

Regional Compliance Notice

Please note that regulatory requirements may vary from one region to another. As a result, product information and recommended applications may differ between countries. For accurate and up-to-date details on product specifications and approved uses, and for any technical guidance, please contact ANCHOR ALLIED FACTORY L.L.C. SHARJAH, UAE Technical Department.

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