



Product Data Sheet

ASMACO INSTANT GRAB ADHESIVE

Non-Corrosive, Tough & Strong.

DESCRIPTION:

Asmaco Instant Grab 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, 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 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.

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- **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. 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.

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 |
|--------------|-----------------------------|

PACKAGING / SUPPLYING

ASMACO INSTANT GRAB ADHESIVE 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 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.



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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.

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

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