Product Data Sheet

ASMACO BITUFIX

Solvent-based synthetic rubber bonding excels bitumen fiber boards and various other materials

Description: ASMACO BITUFIX adhesive is a top-tier solvent-based single component adhesive recognized for its outstanding heat resistance, rapid adhesion, superb tackiness, and suitability for vertical applications. Specifically engineered for bonding bituminous sheets to concrete surfaces and bitumen surfaces to bitumen surfaces, this adhesive guarantees durable bonding across a wide range of construction materials, such as adhesive extensively utilized for bonding bitumen fiber boards, bitumen felt, plastic, laminates, veneer boards, rubber and plastic edging strips, rubber, leather, linoleum, felt, cork, foam to wood, chipboard, concrete, stone, metals, and bitumen surfaces. With its versatile applications and robust bonding properties, **ASMACO BITUFIX** adhesive stands out as a reliable choice for various construction projects.

KEY PERFORMANCE PROPERTIES

- Superior tack and quick grab characteristics.
- Exceptional adhesion on various substrates.
- Impressive heat resistance properties.
- Versatility for use on porous and nonporous substrates.
- Does not necessitate diluents; Toluene can be utilized if necessary.

AREAS OF APPLICATION

Bitumen Protection Board and Bitumen Felt: Provides strong adhesion for bonding bitumen protection board boards and bitumen felt (membrane), ensuring durable installations in roofing and waterproofing projects.

Plastic, Laminates, and Veneer Boards: Offers reliable bonding for plastic, laminates, and veneer boards, facilitating their secure attachment to various substrates in furniture making and interior design.

Rubber and Plastic Edging Strips: Ensures secure attachment of rubber and plastic edging strips, enhancing the finishing and durability of furniture, countertops, and cabinetry.

Rubber, Leather, and Linoleum: Provides strong adhesion for bonding rubber, leather, and linoleum materials, enabling their installation in flooring and upholstery applications.

Felt and Cork: Facilitates the bonding of felt and cork materials to substrates such as wood and concrete, allowing for the creation of acoustic insulation, wall coverings, and flooring underlays.

Foam: Bonds foam materials to wood, chipboard, concrete, and other surfaces, enabling the construction of comfortable and resilient upholstery, mattresses, and insulation.

Wood, Chipboard, and Concrete: Enables the secure attachment of various materials to wood, chipboard, and concrete substrates, supporting a wide range of construction and woodworking projects.

Stone and Metals: Provides reliable bonding for stone and metal materials, allowing for their installation in architectural, decorative, and structural applications.

Bitumen Surfaces: Specifically formulated for bonding materials to bitumen surfaces, ensuring compatibility and durability in roofing and waterproofing installations.

METHOD OF APPLICATION

To ensure successful bonding with ASMACO BITUFIX, it's important to follow proper application steps.

Surface Preparation:
Before applying the adhesive, it's crucial that the surfaces intended for bonding are thoroughly cleaned, dry, and completely free from any traces of oil, grease, or dust. Proper surface preparation ensures the best adhesion.

Application of Adhesive:
Using a brush, apply ASMACO BITUFIX to both surfaces that need to be bonded. Ensure an even and consistent application across the surfaces for effective bonding.

Surface Roughening (if needed): In the case of polished surfaces, it's recommended to create a slight roughening before applying the adhesive. This can be done to enhance the adhesive's ability to grip onto the surface and establish a strong bond.

Drying Time: Allow the adhesive to dry for a period of 5 to 15 minutes. The exact drying time may vary based on factors such as wind, temperature and humidity.

Bonding Process: Once the adhesive has dried or Glaze free. bring the surfaces together that need to be bonded. Apply pressure to the surfaces, ensuring they are pressed firmly together. This pressure helps in establishing a solid and reliable bond between the materials.

Bond Formation: Maintain the pressure on the surfaces for a few minutes. During this time, a firm bond should start forming between the materials. The pressure ensures optimal contact and adhesion between the adhesive and the surfaces.

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CLEAN UP

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

COVERAGE RATE

3 - 4 m² / Kg

PACKAGING / SUPPLYING

ASMACO BITUFIX is available in 15 Kg

HEALTH & SAFETY

ASMACO BITUFIX is a solvent-based product, requiring utmost caution during handling. Classified as flammable, it demands avoidance of heat, sparks, and smoking during application. Ensure proper ventilation during use and store in a cool, dry place, away from sunlight, heat, and moisture. Keep it out of children's reach and refer to the MSDS for comprehensive information.

STORAGE & SHELF LIFE

ASMACO BITUFIX store in cool place under cover, out of direct sunlight and protect from extreme temperatures. In tropical climate the product must be stored in < 25° C. Shelf life is up to 12 months in unopened conditions if stored as per guidelines.

Note:

Storing the ASMACO BITUFIX 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.

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.

TECHNICAL SPECIFICATIONS

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	Pale Yellow	—
Density, g/m³	0.9 ±0.02	—
Initial Setting Time +25°C	20 min	—
Final Setting Time	48 hours	—
Bond Strength	>3N/mm²	—
Application Temperature	+5°C to +50°C	—
Service Temperature	-10°C to +70°C	—
Frost Resistance	Excellent Resistance.	—
Good Chemical Resistance	Resistance to Corrosive soil, Oil, Bases and Acids	—

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