



# Product Data Sheet

## ASMACO FLASHING BITUMEN TAPE-SA

### DESCRIPTION:

ASMACO FLASHING BITUMEN TAPE-SA is a high-performance, cold-applied, self-adhesive waterproof bitumen tape. It is composed of elastomeric bitumen reinforced with advanced adhesive polymers, ensuring robust adhesion to substrates such as concrete, mortars, brickwork, blockwork, cement fiber board, clay tiles, thermal insulation board, wood, asphalt, bitumen roof felts and various plastics. The aluminized foil backing provides superior UV and aging resistance. This tape is engineered to deliver an immediate and durable watertight seal, offering an efficient and cost-effective solution for diverse construction sealing and repair applications.



### KEY PERFORMANCE PROPERTIES

- **Ease of Application:** Can be applied by hand without the need for heat or flame.
- **No Special Equipment Required:** Simplifies the application process.
- **Perfect Bonding:** Adheres well to most common substrates without the need for primer, saving time and money.
- **UV Resistance:** Aluminized backing provides excellent UV resistance, ensuring long life.
- **Durability:** Exhibits excellent resilience, tensile, and tearing strengths for an extended service life.
- **Impermeability:** Completely impermeable to water and air, ensuring a reliable seal.

### AREAS OF APPLICATION

ASMACO FLASHING BITUMEN TAPE-SA is specifically designed for sealing and repairing a wide range of construction issues:

- **Cracked Roof Parapets, Upstands, and Detailing:** Ideal for addressing cracks and structural integrity issues in vertical roof components and detailed architectural features.
- **Failed Seams and Details in Mastic Asphalt, Asphalt Felt, and Other Bituminous Roofing Systems:** Provides a reliable solution for repairing failed joints and details in various bituminous roofing materials, enhancing the durability and waterproofing of roofing systems.
- **Cracked or Damaged Clay and Concrete Roof Tiles:** Effective in sealing and repairing fractures and damage in clay and concrete roof tiles, ensuring longevity and weather resistance.

- **Around Windows, Doors, Partitions, and Drywall Panels:** Offers a secure seal around fenestrations and interior partitions, preventing moisture ingress and enhancing structural integrity.
- **Around Chimneys, Ventilation Pipes, Skylights, Dormer Windows, and Other Penetrations:** Ensures a watertight seal around roof penetrations, preventing leaks and maintaining the functionality of these critical elements.

### METHOD OF APPLICATION

#### Preparation:

- For cracks or gaps greater than 3mm, fill them with an elastomeric sealant such as Asmaco 2670 or a flexible Acrylic based coating ASMACOAT WP 600.

#### Measuring and Cutting:

- Measure the required length of the tape. If more than one piece is needed or if tailoring around details is necessary, allow for a minimum overlap of 50mm.

#### Application:

- Peel away the backing paper and press the ASMACO FLASHING BITUMEN TAPE-SA firmly in place by hand. Work from the center outwards to expel any trapped air bubbles.
- For longer lengths, cut to the desired length. Start by peeling the backing from one end, press well into place, and continue removing the backing and placing the tape as you move along the treated area.

#### Working into Corners:

- Use a small roller or a smooth piece of wood to work the tape into corners. For internal and external corners, circular vents, and other penetrations, cut the tape to half the width and apply carefully to ensure a watertight seal.

**Note:** Not suitable for heavy traffic, nor for heavy foot traffic areas.

### PACKAGING

Length (m)	Width (mm)	No of rolls per box
10	72	12

All other size can prepare on request

### CLEAN UP

ASMACO FLASHING BITUMEN TAPE-SA may be removed from tools and equipment. Spillage can be cleaned with ASMACO CLEANER 2, acetone, or tangit Cleaner.

TDS\_ASMACO FLASHING BITUMEN TAPE-SA: GCC 0624



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## STORAGE & SHELF LIFE

18 months from the manufacturing date if kept in the original packaging and stored in areas at a temperature of between +5°C and +30°C. in a dry place protected from freezing and excessive heat.

## HEALTH & SAFETY

### ASMACO FLASHING BITUMEN TAPE-SA:

The product is inflammable. All works should be carried out in well-ventilated area away from ignition sources. Do not smoke. The adhesive should be stored in accordance with the rules of storage of inflammable substances. Detailed information is included in the Material Safety Data Sheet (MSDS).

## TYPICAL PROPERTIES

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	Black/One Side Aluminium foil	—
Thickness,	1.5 mm	ASTM D3652
Application Temperature	+5°C — +40°C	ASTM D 6411
Low Temperature Flexibility	-20 °C, Flexible, No Crack	ASTM C 765
Tensile Force	≥150 N/mm	ASTM D 412
Elongation at Max. Tension	≥30 %	ASTM D 412
Asphalt Fracture Elongation	≥150 %	ASTM D 6775
Tear Strength of Nail Pole	≥30 N/mm	ASTM D 1970
Heat Resistance	Sliding Doesn't not exceed 2mm at +70°C	ASTM E331/547
Impermeability	0.2 Mpa (120 minutes)	ASTM E 331
Peel Strength membrane with membrane	1.0 N/mm <sup>2</sup>	ASTM D 3330
Peel Strength membrane with aluminum plate	1.5 N/mm <sup>2</sup>	ASTM D 3330
Oil Penetration	≤ 2	CDPH Version 1.2
Persistent Adhesivity /min	≥ 20	
<b>THERMAL AGING</b>		
Tensile Retention Rate	≥ 80%	
Elongation at Max. Tension	≥ 30%	
Low Temperature Flexibility	-18 °C, Flexible, No Crack	ASTM C 765
Thermostability Appearance	No Bulging, No Folding, No Sliding, No Flowing	

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.

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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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