Aluminum Asphalt Strip

A Self-adhesive Waterproof Tape

Features

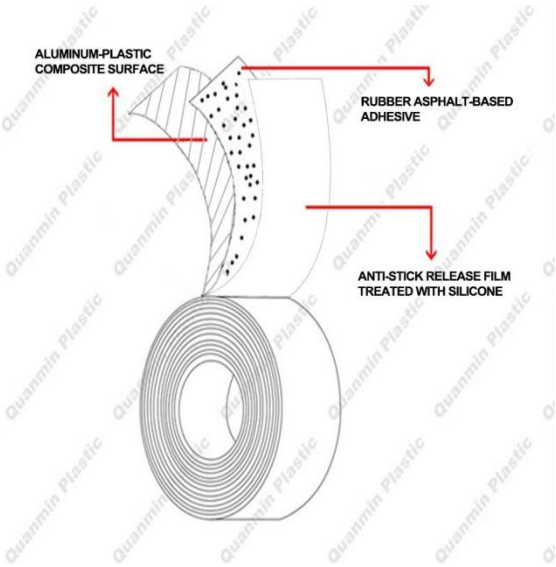
- Resistant to sun exposure and does not crack
- Long-lasting waterproof protection
- High plasticity and flexibility
- Neat and perfect as always

Our Aluminum Asphalt Strip is a cold-applied, self-adhesive, aluminum-backed waterproof tape. It features a thick aluminum-plastic composite surface, a robust rubber asphalt-based adhesive, and an additional anti-stick release film treated with silicone.

Description

This material exhibits outstanding UV protection performance and excellent sealing and waterproof capabilities. It is designed for waterproof sealing of most types of roofs and windows. The Aluminum Asphalt Strip has strong adhesion to glass, metal, plastic, wood, clay, and cement. It is suitable for various construction and engineering applications, especially in scenarios requiring long-term waterproof protection.

Our Aluminum Asphalt Strip, through its unique formulation and design, offers an efficient and long-lasting waterproof solution. The product fully complies with AWSI/AWWAC209-00 and ASTM standards.



Storage and Shelf Life

This product should be stored in a dry and well-ventilated place away from direct sunlight. The same environment must be maintained during transportation. The storage temperature range must not be lower than 16°C (60°F) and must not exceed 49°C (120°F), and the humidity must not exceed 90%. Keep upright and stack no more than five layers. The shelf life is 12 months (re-inspection is required if the expiration date is exceeded).

Project	T 8100-BC39	T 8120-BC47	T 8150-BC59	Test Method
Total Thickness	1.00mm (39.3mils)	1.20mm (47.2mils)	1.50mm (59.1mils)	ASTM D1000
Butyl Rubber Asphalt Adhesive	0.95mm (37.4mils)	1.15mm (45.3mils)	1.45mm (57.1mils)	ASTM D1000
Polyethylene Film	0.05mm (1.9mils)			ASTM D1000
The Softening Point of the Adhesive	75°C (167°F)			ASTM E28
Elongation of Adhesive @23°C (73.4°F)	≥800%			ASTM D1000
The Primer Adheres to the Cement surface @23°C (73.4°F)	≥35N/cm (≥318oz/in)			ASTM D1000
Overlap Adhesion 23°C (73.4°F)	≥15N/cm (≥8.56lb/in)			ASTM D1000
Water Vapor Transmission Rate	<0.1g/$m^2$24h (<0.0064g/100sqin/24h)			ASTM E96
Construction Temperature Range	-5°C to +50°C (23°F to 122°F)			
Max Serve Temperature	+71°C (+160°F)			
Available Roll Size (width * length)	50 to 600mm X 10 to 20m (1.97 to 23.62 in X 32.81 to 25.62ft), Customizable.			
Color	Primary aluminium color			

General Requirements for Applications

General requirements: The area to be coated must be kept clean and dry, free of grease, oil stains and dust. All pollutants must be removed.

Degreasing: Degrease surfaces with Toluene or Heptane and e.g. a lint-free cloth.

Preventing Condensation of Water: Before and during construction, the working surface temperature must always remain at least 3°C (37.4°F) above the dew point temperature.

Application Instruction

Step 1

Before laying the Aluminum asphalt strip, a primer should be evenly applied to achieve a wet film thickness of 50.8 to 76.2 microns (2 to 3 mils). The primer should reach the "surface dry" state. Install the Aluminum asphalt strip again.

Step 2

The rolled paper is laid by pressing down. While rolling the paper, remove the anti-stick release film and press it firmly on the base with a roller. Always maintain a neck shrinkage rate of 1% to 2%.

Step 3

During installation, the extension lap shall not be less than 50 millimeters (2 inches), and the width lap shall not be less than 25.4 millimeters (1 inch).

For more technical inquiries, please visit our website.

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