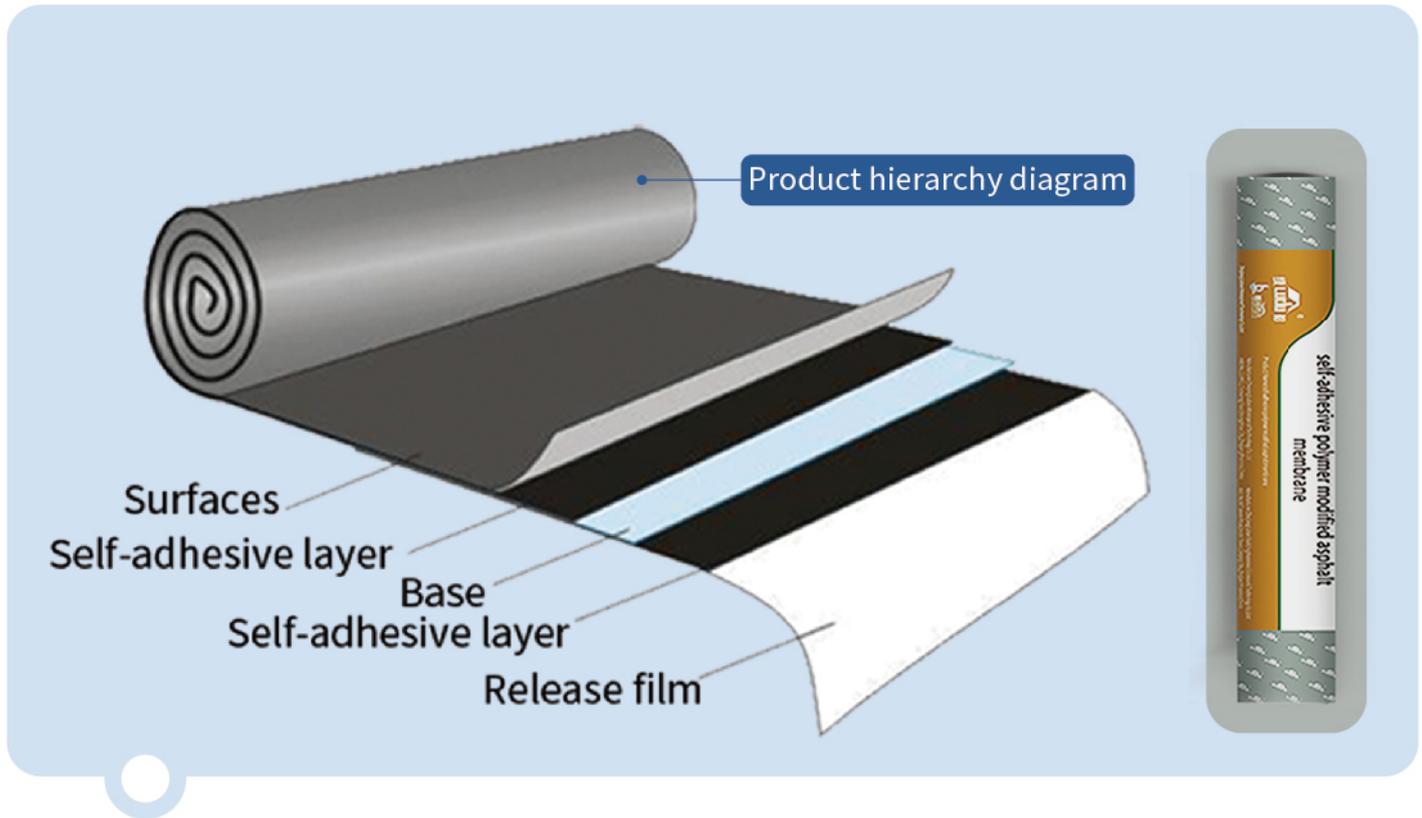


## SELF-ADHESIVE POLYMER MODIFIED ASPHALT MEMBRANE



### Description

Self-adhesive polymer modified asphalt membrane is a strong self-adhesive waterproof material made out of polymer modified asphalt material as dipping and coating. The surface consists of separate silicon-coated insulation layer, including polyester filler base and without filler base.

### Usage

- Roof
- underground construction
- corridor

### Packing

Self-adhesive polymer modified asphalt membrane is available in:

1.5mm thickness	1mx20m/roll
2.0mm thickness	1mx15m/roll
3.0mm thickness	1mx10m/roll
4.0mm thickness	1mx7.5m/roll
	1mx10m/roll

## Advantages

- Easy to construction, no need to have heating system, strong adhesive strength to base .
- Environmentally friendly, no pollution.
- Good performance in anti-resistance; anti-erosion; anti-mildew; anti-weathering.
- Excellent low temperature flexibility and elongation, very adaptive to flexibility, deformation and fracture of base.

## Application

- Dry paving



- a The basement should be solid, flat, clean and dry , and the surface should be free of dust, debris and grease. The Yin and Yang corners at the junction of flat and elevated surfaces should be made into rounded arcs .
- b Membrane application should be coated with cement slurry or asphalt-based grass-roots treatment agent to reduce the surface of the floating ash to enhance bonding, brushing should be uniform, shall not miss the brush or bottoming out , until the grass-roots level to reach the degree of dryness (generally to the non-sticky) before the construction of the next membrane.
- c According to the set paving direction on the grass-roots level pop-up control line, the membrane will be pre-paved according to the pre-populated baseline.
- d Extension of one end to the other end of the removal of self-adhesive membrane bottom surface of the isolation film according to the drainage slope from the low to the high side of the pavement self-adhesive membrane, and scraper or roller and other tools will be membrane underneath the air to both sides to drive out of the pavement flat, dense.

## • Wet paving method



- a** Grass-roots level should be solid, flat, clean, no dust and grease on the surface, and the yin and yang corners at the intersection of flat and vertical surfaces should be made into rounded arcs or 45 arc corners.
- b** According to the special glue powder: water ratio of blending, stirred into a paste (the amount of water according to the day the climate and grass-roots moisture content adjustment).
- c** According to the set paving direction on the grass-roots level pop-up control line, the membrane will be pre-paved according to the pre-populated baseline.
- d** To maintain a certain degree of wetness of the substrate, scraping on the substrate or brush coated thickened polymer slurry once and in the polymer glue before drying to remove the self-adhesive membrane bottom surface of the isolation film paving self-adhesive membrane, and scraper or roller and other tools will under the air and excess slurry to both sides to drive out of the paving smooth, dense, to prevent scraping out of the slurry contamination of the overlapping seams of self-adhesive adhesive. Standing on the Membrane is strictly prohibited within 24 hours when paving completed.

### Limitation

- Not subject to traffic and must be protected by protective screed or polystyrene board.
- Not recommended for installation during rainy days or on stagnant water conditions.

## Technical Index

Standard: GB23441-2009

NO.	Items		Index				
			PE		PET		D
			I	II	I	II	
1	Tensile strength	Tension(N/50mm) $\geq$	150	500	150	200	—
		Elongation at max.tension (%) $\geq$	200		30		—
		Elongation at break (%) $\geq$	250		150		450
		Test phenomenon	Asphalt coating and membrane no separation phenomenon before membrane break				
2	Tear strength /nail shank (N) $\geq$		60	110	30	40	—
3	Heat resistance		70°C sliding no more than 2mm				
4	Low temperature flexibility (°C)		-20	-30	-20	-30	-20
			No crack				
5	Water tightness (30min)		0.2Mpa , 120min impervious				
6	Peel strength (N/mm) $\geq$	Waterproof membrane and membrane	1.0				
		Waterproof membrane and Aluminum sheet	1.5				
7	Water tightness/nail shank		Pass				
8	Oil permeability $\leq$		2				
9	Adhesion (min) $\geq$		20				
10	Thermal aging	Conservation rate of tension(%) $\geq$	80				—
		Elongation at Max tension (%) $\geq$	200		30		400
		Low temperature flexibility (°C)	-18	-28	-18	-28	-18
			No crack				
Peel strength/ waterproof membrane and Aluminum sheet (N/mm) $\geq$		1.5					
11	Heat stability	Appearance $\leq$	No bubble, fold, slide, flowing				
		Dimensional stability (%) $\leq$	2				

## Safety precautions

We recommend using protective gloves during installation. Self-adhesive polymer modified asphalt membrane should be lifted by two site personnel.

## Technical support

For more information, alternative applications or alternative proposals, please contact our Technical Department at the email address below.

## Storage and transportation

During transportation and storage, products of different types and specifications should be stacked separately and should not be mixed. Avoid sunshine and rain, pay attention to ventilation. Storage temperature should not be higher than 45 °C, membrane storage height of no more than five layers of flat storage, vertical storage in a single layer of stacking. Prevent tilting or side pressure during transport. Under normal storage and transport conditions, the shelf life is 1 year.

## Contact us

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\*We hope that the information contained herein will be of your assistance. Please follow the instructions in the information before proceeding, and we cannot accept any liability for damage caused by incorrect use. If you require assistance during the process, please contact our service personnel via the contact details above.