

APP PLASTOMER MODIFIED ASPHALT WATER-PROOFING MEMBRANE



- Waterproofing of pipe corridors, pools, roads, bridges, etc.

Packing

APP plastomer modified asphalt waterproofing membrane is available in:

3.0mm thickness	1mx10m/roll
4.0mm thickness	1mx7.5m/roll
	1mx10m/roll

Description

APP plastomer modified asphalt waterproofing membrane is APP (atactic polypropylene) or APAO, APO (polyolefin polymers) modified asphalt as dip-coating materials, high-quality polyester felt, glass fibre felt as the tyre base, fine sand, mineral grains (flakes), PE film, aluminium membrane, etc. for the cover material, using advanced technology refined plastic modified asphalt waterproofing roll-roofing.

Usage

- Roof waterproofing project.
- Underground waterproofing project.

Advantages

- Good resistance to high and low temperature, high temperature does not flow, deformation, low temperature can still maintain flexibility, adapt to the construction of different temperature environment.
- The membrane has high tensile strength and elongation, can adapt to the grass-roots contraction and deformation and cracking.
- The membrane has good corrosion resistance and weather resistance, can be in a variety of complex climatic conditions for a long time to maintain good performance, not easy to aging, embrittlement, long service life.

Technical Index

NO.	Items		Index				
			I		II		
			PY	G	PY	G	PYG
1	Soluble content/(g/m ²) ≥	3 mm	2100			-	
		4 mm	2900			-	
		5 mm	3500			-	
		Experimental phenomenon	-	The tire base is non-flammable	-	The tire base is non-flammable	-
2	Heat resistance	°C	110		130		
		≤mm	2				
		Experimental phenomenon	No flowing or dripping				
3	Low temperature flexibility/°C		-7		-15		
			No crack				
4	Impermeable 30 min		0.3 MPa	0.2 MPa	0.3 MPa		
5	pull	Maximum peak pulling force/(N/50 mm) ≥	500	350	800	500	900
		Sub Maximum peak pulling force/(N/50 mm) ≥	-	-	-	-	800
		Experimental phenomenon	No cracking or separation of the asphalt coating layer from the tire base in the middle of the specimen.				
6	Elongation	Maximum peak elongation/% ≥	25	-	40	-	-
		Elongation at second peak	-	-	-	-	15
7	Increased mass after immersion in water/% ≤		PE、S	1.0			
			M	2.0			
8	Thermal aging	Tension retention rate / % ≥	90				
		Elongation retention / % ≥	80				
		Low temperature flexibility/°C	-2		-10		
			No crack				
Dimensional change rate/% ≤	0.7	-	0.7	-	0.3		
9	Oil permeability	Piece ≤	2				
10	Seam peeling strength/(N/mm) ≥		1.5				
11	Thickness of bituminous cover layer on the underside of the membrane/mm ≥		1.0				

12	Artificial climate accelerates aging	Outlook	No sliding, flowing, dripping	
		Tensile strength retention/% \geq	80	
		Low Temperature Flexibility/ $^{\circ}\text{C}$	-2	-10
		Flexibility/ $^{\circ}\text{C}$	No crack	

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 50 $^{\circ}\text{C}$, 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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