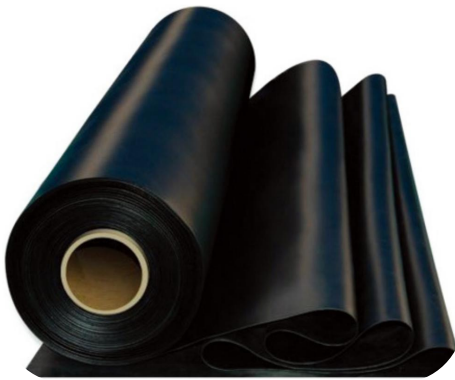


EPDM RUBBER WATERPROOF MEMBRANE

OVERVIEW

EPDM RUBBER WATERPROOF MEMBRANE adopts internationally advanced cold feed extrusion continuous vulcanization process equipment, selects EPDM produced by DuPont and domestic high-quality raw paving materials, adds processing additives such as carbon black reinforcing agent, nano modifier, plasticizer and vulcanization accelerator, and processes such as mixing, refining, filtration, extrusion molding, continuous vulcanization and inspection, Processed high elastic synthetic polymer waterproof coiled material. This product can be welded by welding machine.



FEATURES

- Excellent anti-aging properties, and the service life can be up to 50 years.
- High elongation, high tensile strength and small change of heat treatment size;
- It has good resistance to plant root penetration and can be made into a waterproof layer of planting roof; Good perforation resistance;
- The special modified molecular structure effectively solves the problems existing in the bonding of EPDM adhesive;
- Good flexibility at low temperature and good adaptability to environmental temperature changes;
- The construction is convenient, the lap joint is firm and reliable, and there is no environmental pollution;
- Chemical corrosion resistance, can be used in special occasions;
- Convenient maintenance and low cost;
- Easy to handle details;

Disclaimer. The information and recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials, substrates and actual size conditions are such that no warranty in respect of merchantability or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.

EPDM RUBBER WATERPROOF MEMBRANE

TECHNICAL INDEX

Compliance with GB/T 18173.1-2012

No.	Item		Index	
			JL1	JF1
1				
2	Tensile Strength (Mpa)	Room Temperature	≥7.5	≥4
		60℃	≥2.3	≥0.8
3	Elongation at Break(%)	Room Temperature	≥450	≥400
		-20℃	≥200	≥200
3	Tear Strength(kN/m)		≥25	≥18
4	Water tightness, 30 minutes no leakage		0.3Mpa	0.3Mpa
5	Low Temperature Bending		-40℃	-30℃
6	Heating Shrinkage	Extend	≤2	≤2
		Shrink	≤4	≤4
7	Hot Air Aging (80℃×168h)	Tensile strength retention at fracture(%)	≥80	≥90
		Elongation at break retention rate(%)	≥70	≥70
8	Alkali Resistance (Saturated Ca(OH) ₂ Solution×168h at room Temp.)	Tensile strength retention at fracture(%)	≥80	≥80
		Elongation at break retention rate(%)	≥80	≥90
9	Ozone Aging (40℃×168h)	Elongation 40%, 500ppm	No crack	No crack
10	Artificial Weathering Aging	Tensile strength retention at fracture(%)	≥80	≥70
		Elongation at break retention rate(%)	≥70	≥70
11	Bonding Peel Strength (sheet and sheet)	N/mm	≥1.5	≥1.5
		Retention rate of flooding(168h at room Temp.)	≥70%	≥70%

Remark:

Width of JL1 = 1.2m, 20m/roll, 30kg/roll;

Width of JF1 = 2.0m, 20m/roll, 50kg/roll

EPDM RUBBER WATERPROOF MEMBRANE

INSTALLATION METHOD

Contact Adhesive

Grass-roots level → Calendering → Drying → Apply primer → Membrane unfold →

Clean overlap area → Apply adhesive → Rolling overlap position → Handle details

- Width of overlap = 10~15cm
- Suitable for any roof
- Light weight
- Strong wind load resistance

Border Adhibiting

Membrane unfold → Clean overlap area → Apply adhesive / Welding by machine

→ Rolling overlap position → Handle details

- Width of overlap = 10~15cm
- Suitable for any roof and basement
- Low installation cost
- Fast installation speed

