

Moisture Proof Membrane

Description

Moisture membrane is two layers thermal lamination. Polypropylene (PP) non-woven fabric layer is on the top for protection and reinforcement, and the thin polyethylene (PE) film is in the middle as moisture membrane. The membranes are commonly used as moisture proof underlay beneath the insulation, which reduce the moisture to permeate from buildings to insulation layers.

Features

- ◆ Excellent water and moisture proof abilities, and good tensile strength
- ◆ Strong tear and nail strength and flexibility at low temperature
- ◆ Protection insulation layer, saving energy
- ◆ Lighter weight, easy to handle

Uses

- ◆ As underlay for roofs and walls of new buildings or renovations
- ◆ As moisture proof for protection insulation layers of walls or roofs
- ◆ Used as a temporary waterproofing barrier during the construction process.



Type and Specification

Thickness, mm	0.3
Width, m	1.5 or customized
Length, m	200 or customized
Color	Gray, blue, white, or customized
Unit area weight, g/m ² ±10%	100

Technical Data

No	Item	Direction	Index
1	Tensile strength, N/50mm ≥	MD	240
		CD	215
2	Elongation at break, % ≥	MD	26
		CD	29
3	Nail shank tear strength, N ≥	MD	150
		CD	120
4	UV resistance, months	3	
5	Water vapor permeance, g/m ² ·24 hrs, % ≤	15	
6	Impermeability, 1m water column * 24 hrs	impermeable	
7	Flame retardancy	Class F	

Packing and storage

Rolls on pallets or bulk loading.

20'GP: 160 - 220 rolls, 40'GP: 370 - 500 rolls, 40'HC: 420 - 550 rolls

Store away from sources of punctures and physical damage and UV radiation. Keep dry and store away from ignition sources and open flame.

Shelf Life: Unlimited