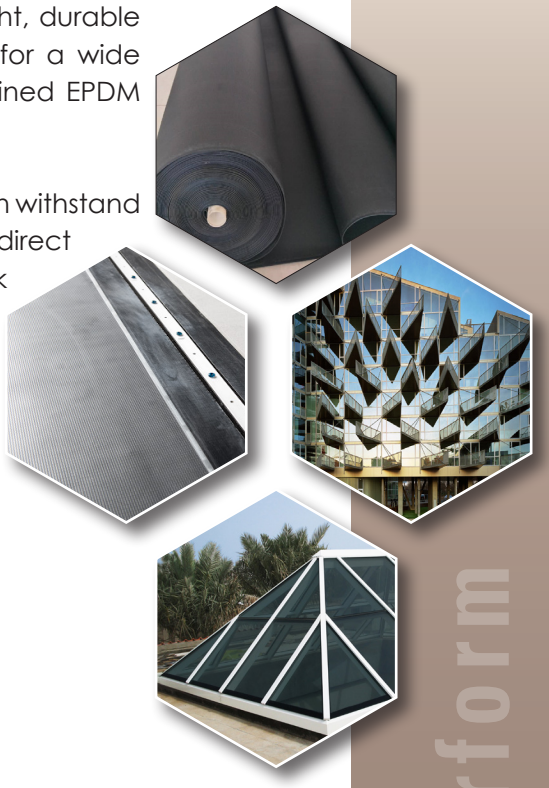
ULTRA-**EPDM 100**

EPDM Waterproofing and Vapor Barrier System

Conforms to ASTM D 4637 and ASDM D 6134

ULTRAL EPDM 100 is a Ethylene Propylene Diene Monomer (M) rubber roofing and weather proofing membrane designed for long-term performance roof waterproofing system application. ULTRAL EPDM 100 membrane is a lightweight, durable and weatherproof single-ply waterproofing membrane perfect for a wide variety of applications. Properly designed, installed, and maintained EPDM systems can successfully withstand extreme weather cycles.



For more than 3 decades , ULTRAL EPDM 100 have proven that it can withstand extreme temperature fluctuations and constant exposure to direct sunlight. Also, it has exceptional elasticity and will not split or crack under normal building movement.

ULTRAL EPDM offers proven long-term performance since decades. ULTRAL EPDM offers unobstructed waterproofing, unlike membranes that contain a reinforcing fabric that reduces the overall waterproofing layer

Features

- Excellent weatherabilty
- UV resistant and Highly Durable
- Impermeable to water
- Completely echo friendly
- High resistance to ozone, weathering and abrasion
- Flexibility in low temperatures
- Superior resistance to extreme heat and fire
- Thermal shock durability
- Ultraviolet radiation resistance

Field of Application

- Building envelope
- Façade and Curtain wall
- Aluminium Windows and doors perfirals
- Skylights
- Substructure , Superstructure and roof of buildings
- Lake and Pond lining

engineered to perform

ULTRAL EPDM 100 Conforms to ASTM D 4637 and ASTM D 6134

#	PROPERTY	TEST STAN-DARD	SPECIFIC VALUES
1	Thickness of the sheet		1.0 mm
2	Specific Weight,kg/m²	ASTM D4189	1.35
3	Tensile Strength, min, MPa	ASTM D 412	9.0
4	Tear strength, min, kN/m	ASTM D 624	35
5	Elongation at break %	ASTM D 412	350
6	Puncture resistance	STM D 5602	0.6
7	Factory seam strength, Min, kN	ASTM D 816	9.1
8	Low temperature flexibility	ASTM D 746	-45°C
9	UV resistance 168 hours at 45°C	ASTM D 1149	No cracks
10	Resistance to water absorption, Change in mass, max, after 172 hours immersion@70°C,%	ASTM 471	+8,-2
11	Resistance to out door (UV) weathering Xenon Arc, 7560kj/m² irradiance, 80°C black panel temp.	ASTM D 151	Pass
12	Polymer (EPDM) content %	ASTM D 297	100
13	Dimensional stability	ASTM D1204	≤ 0.2
14	Water Vapor Permeability, max, perms	ASTM E 96	0.10
15	Anti root resistance	CEN/TS 14416	Pass

SYSTEMS

Mechanically fastened system combines sound & durable quality with simple and easy installation. Loosely lay the EPDM membrane on top of concrete roof .Then secure it with termination bar and fastener.

Fully-adhered system conforms to the idea of fully bonded installation. It is recommended for irregular building configurations, slopes, walls, etc. Adhere the EPDM membrane directly to the smooth and clean substrate .

Ballasted system is specially designed for low-storey buildings which have wide, flat roof decks and for supporting heavy loads. Loosely lay the EPDM membrane over the substrate. Then, cover the membrane with gravels

Loose laid System for pond lining and lake waterproofing systems

PACKING

LENGTH :10 M/ 20 M : WIDTH 1.2 / 1.5

STORAGE AND SAFETY

Store in a covered place and read ORGANIX MSDS of ULTRAL EPDM prior to the application

engineered to perform

ORGANIX BUILDING SYSTEM
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