

ULTRAL EPDM 150

Epdm Roof Waterproofing and Building Protection System
Confirms to ASTM-D 4637

ULTRAL EPDM 150 is a Ethylene Propylene Diene Monomer (EPDM) roofing membrane designed for long-term performance for roof waterproofing system application. ULTRAL EPDM 150 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 three decades, ULTRAL EPDM 150 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 is an un reinforced, uniform, flexible waterproofing membrane for uninterrupted waterproofing and protection of buildings.

ULTRAL EPDM is one of the most sustainable and environmentally responsible roofing and building protection materials used today in the construction industry. Its successful track record of superior overall system performance results in low life cycle costs . As one of the most sustainable roofing and building protection materials used today in the construction industry, EPDM offers excellent performance throughout the extended life cycle of the roof and building protection system.

ULTRAL EPDM 150 has gained industry-wide acceptance and respect by providing immediate and long-term roofing solutions. As more emphasis is placed on the sustainable performance of building materials, ULTRAL EPDM continues to be the roofing and building protection material that stands the test of time.

Features

- Excellent weatherability and Superior Strength
- UV and ozone resistant and Highly Durable
- Impermeable to water
- Compatibility and Proven Durability
- High resistance to ozone, weathering and abrasion
- Flexibility in low temperatures
- Superior resistance to extreme heat and fire
- Thermal shock durability
- Ultraviolet radiation resistance
- Sustainable Building Construction Complying Product

Field Of Application:

- Roofs of all types
- Building Envelopes
- Building Façade and Curtain Wall
- Building Substructure and Superstructure waterproofing and protection



engineered to perform

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No	PROPERTY	TEST STANDARD	SPEC	TYPICAL
1	Thickness of the sheet		1.52mm	1.52mm
2	Specific Weight, Kg/m ²			1.71
3	Tensile Strength, MPa	ASTM D 412	9.5	11
4	Tear strength, KN/m	ASTM D 624	35	36.0
5	Elongation at break %	ASTM D 412	450	480
6	Factory seam strength, KN	ASTM D 816	9.1	Membrane rupture
7	Brittleness Temperature °C	ASTM D 746	- 45	- 55
8	UV resistance 168 hours at °45C	ASTM D 1149	No cracks	No cracks
9	Resistance to water absorption, Change in mass, max, after 172 hours immersion@°70C,%	ASTM 471	2+	0.86+
10	Resistance to out door (UV) weathering Xenon Arc, 7560kj/ m ² irradiance, °80C black panel temp.	ASTM G 151	No cracks	No cracks
11	Polymer (EPDM) content %	ASTM D 297		100
12	Water Vapor Permeability perms	ASTM E 96	0.10	0.03

10 % Tolerance applicable

resistance to heat aging

(Properties after 172 hours exposure @°118C) ASTM D 573

1	Tensile Strength, MPa	ASTM D 412	8.5	10
2	Elongation at break %	ASTM D 412	205	280

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

Packing

LENGTH : 20 M : WIDTH 1.5 to 4 M

Storage and Safety

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

