

EPDM FLEECEBACK MEMBRANE

Technorubber EPDM Fleeceback membrane is a rubber membrane adhered with a strong 300gsm fleece. This EPDM membrane can feature one or two 7,5cm Pre-tape (Self-adhered seam tape) for fast installation, consistent and high-quality seams.



FEATURES

Superior Quality Of Technorubber Fleeceback

Robust membrane, dimensionally stable enabling to withstand severe weather conditions encountered in our regions. Fleece reinforcement adds toughness, durability, and enhanced puncture resistance. The ideal solution when substrates are uneven. This membrane has no plasticizer resulting in a stable and inert membrane. It offers an extremely durable roofing solution.

Combined With Quality Manufacturing

Technorubber operates plants with state of the art equipment. The EPDM plants in Dammam, KSA have achieved ISO 9001:2015 which is a testimony to the company's commitment to quality management systems. The Technorubber EPDM Fleeceback membranes made in accordance with ASTM D4637-Type III. This certifies that these products and associated production methods are meeting today's requirements in terms of mechanical resistance and stability, safety in case of fire, hygiene, health and environmental protection, safety in use, protection against noise, energy economy and heat retention, aspects of durability, serviceability and identification.

Higher Wind Uplift Performance

The Fleece will improve adhesion properties to membrane and provide high wind uplift resistance.

Light-weight Solution

EPDM Roofing Systems weight much less than modified bitumen systems.

Even Faster With The Pretape

The seam tape is bonded to the EPDM Fleeceback membrane in a factory- controlled setting, enhancing seaming productivity by over 50 percent. It improves reliability and consistency of the seams.

A Perfect Combination

This membrane is designed to save installation time without compromising in any way. A high-quality and durable roofing system. The Technorubber EPDM Fleeceback membrane offers a unique combination of features and long-term benefits.

Technorubber Fleeceback, The Ideal Roofing System

We can propose a full EPDM rubber roofing system. Fleeceback EPDM is tough, durable, and versatile, and is ideal for re-roof or new construction projects.

A Green Choice

Technorubber EPDM is an inert material with limited environmental impact during manufacturing, installation and use. No toxic substances are released from the membrane, allowing collection and use of run-off rainwater. These ecological benefits, in combination with the membrane's life expectancy of up to 50 years, make Technorubber EPDM an environmentally friendly roofing solution.

TECHNICAL SPECIFICATIONS

NO.	Property	Unit	Testing Standard	Specifications
01	Thickness	mm	ASTM D 751	-10% , +15%
02	Coating Over Scrim or Fabric (min)	mm	ASTM D 7635	0.76
03	Breaking Strength (min)	N	ASTM D 751 Grab Method	400
04	Elongation, Ultimate (min)	%	ASTM D 412 Die C	300*
05	Tearing Strength (min)	N	ASTM D 751 B Tongue Tear	45
06	Brittleness Point (max)	°C	ASTM D 2137	-45
07	Ozone Resistance (no cracks)	-	ASTM D 1149	Pass
08	Heat Aging @ 116±2 °C for 670 ± 6.7h	-	ASTM D 573	
a	Breaking Strength (min)	N	ASTM D 751 Grab Method	356
b	Elongation, Ultimate (min)	%	ASTM D 412 Die C	200*
c	Linear Dimensional Change (max)	%	ASTM D 1204	±1
09	Water Absorption, mass (max)	%	ASTM D 471	+8,-2 *
10	Weathering Resistance	-	ASTM G 151/155	no cracks or crazing
11	Fabric Adhesion (min)	N/m	ASTM D 413	525

* A Specimens to be prepared from coating rubber compound, vulcanized in a similar method to the reinforced products.
 Harmonized Technical Specification: ASTM D 4637 Type III (Flexible sheets for waterproofing—plastic and rubber sheets for roof waterproofing – Definitions and characteristics)

MEMBRANE COMPOSITION

EPDM top layer in 1.20mm thickness	Fleece backing to EPDM in 300 gsm Geotextile	Possibility to add 1 or double Factory-Applied Tape to ensure consistent and quality seams.
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WAREHOUSING AND INSTALLATION RECOMMANDATIONS

- 01.** Keep rolls dry prior to installation.
- 02.** Roofing substrate must be dry, clean and without dust and Oil products.
- 03.** Do not install membrane if fleece is wet.
- 04.** Use of compatible accessories with Techno Rubber EPDM membrane is mandatory.
- 05.** Care must be exercised when putting rolls on the rooftop (Make sure roof can support the additional load).