

TECHNO RUBBER EPDM FLEECEBACK

EPDM RUBBER MEMBRANE FOR FLAT ROOFS

EPDM Techno Fleeceback membrane is a rubber membrane adhered with a strong 1,4mm fleece.

This EPDM membrane can feature one or two 7,5cm Pretape (Self-adhered seamtape) for fast installation, consistent and high-quality seams.

SUPERIOR QUALITY OF TECHNO RUBBER FLEECEBACK

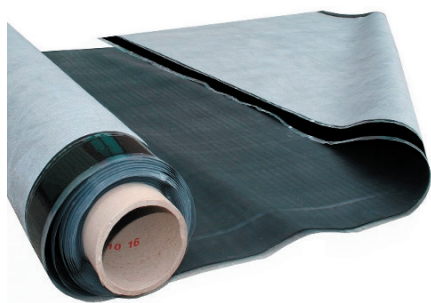
Durability: **robust** membrane, dimensionally stable enabling to withstand severe weather conditions encountered in our regions.

Fleece reinforcement adds toughness, durability, and enhanced puncture resistance. The ideal solution when substates are uneven.

This membrane has no plasticizer resulting in a stable and inert membrane. It offers an extremely durable roofing solution.

INSTALLATION SPEED...

EPDM seamless strips are clean and talc-free. As a result, it can be adhered to virtually any substrate and attached it to virtually anything.



EVEN FASTER WITH THE PRETAPE

The seamtape 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.

LIGHT-WEIGHT SOLUTION

EPDM Roofing Systems weigh much less than modified bitumen systems.

A PERFECT COMBINATION

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

TECHNO RUBBER 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-roofing or new construction projects.

A GREEN CHOICE...

Techno Rubber 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 Techno Rubber EPDM an **environmentally friendly** roofing solution.

COMBINED WITH QUALITY MANUFACTURING

Techno Rubber 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 Techno Rubber EPDM membranes have obtained the **European CE-marking**. 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.



TECHNICAL DATA

TECHNO RUBBER EPDM FLEECEBACK

DESCRIPTION

Techno Rubber EPDM Fleeceback membrane composition:

- EPDM top layer in 1,2mm thickness
- Fleece backing to EPDM in 1,4mm thickness (300gr/m²)
- Possibility to add 1 or double Factory-Applied Tape to ensure consistent and quality seams.

TECHNICAL SPECIFICATIONS



NO.	PROPERTY	UNIT	TEST STANDARD	SPECIFIED VALUES
1	Visible defects	-	EN 1850-2	Pass
2	Effective Thickness	mm	EN 1849-2	-5% ,+10%
3	Mass per unit area	Kg/m ²	EN 1849-2	-5% ,+10%
4	Length	m	EN 1848-2	-0% ,+5%
5	Width	m	EN 1848-2	-0.5% ,+1%
6	Tensile strength	N/mm ²	EN 12311-2	≥ 8.0
7*	Elongation at break	%	EN 12311-2	≥ 300
8*	Watertightness	-	EN 1928(B)	Pass
9	Tear Resistance	N	EN 12310-2	≥ 30
10*	Resistance to Static Load-Hard substrate	Kg	EN 12730(B)	≤ 20
11*	Resistance to impact Load-Hard substrate	mm	EN 12691(A)	≤ 150
12*	Joint Peel resistance	N/50mm	EN 12316-2	≥ 200
13*	Joint Shear resistance	N/50mm	EN 12317-2	≥ 200
14	Dimensional Stability	%	EN 1107-2	± 0.4
15*	Reaction to Fire	-	EN 13501-1	Class E
16*	External Fire Performance	-	EN 13501-5	FRoof(t1)
17	Foldability at low temp	°C	EN 495-5	≤ -45
18	UV Exposure	-	EN 1297	Pass
19	Resistance to Ozone	-	EN 1844	No cracks

*Specimens to be prepared from coating rubber compound, vulcanized in a similar method to the reinforced products.

Harmonized Technical Specification: EN 13956:2012 (Flexible sheets for waterproofing—plastic and rubber sheets for roof waterproofing – Definitions and characteristics)

WAREHOUSING AND INSTALLATION RECOMMENDATIONS

Keep rolls dry prior to installation

Roofing substrate must be dry, clean and without dust and oil products

Do not install membrane if fleece is wet

Care must be exercised when putting rolls on the rooftop (make sure roof can support the additional load)

Use of compatible accessories with Techno Rubber EPDM membrane is mandatory



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