

TECHNICAL DATA SHEET

GREENFOND

EPDM CARLISLE geomembrane

GREENFOND EPDM black synthetic waterproofing membrane based on ethylene-propylene-diene terpolymer (EPDM)

The EPDM membrane is especially recommended for terraces, green roofs and other places that are constantly exposed to water. EPDM membranes are also used as a pond, tanks or pools insulation.

The EPDM membrane is made of a material with high resistance to extreme temperatures. Due to fully saturated polymer chain it is also resistant to ozone, UV radiation and many chemical interactions. It has a long durability - chemical stability reaching 50 years. The membrane is also extremely resistant to water.

Application:

- hydroinsulation flat roofs,
- hydroinsulation fire and technical tanks,
- hydroinsulation drinking water tanks,
- hydroinsulation bathing joints,
- hydroinsulation ponds.

Advantages:

- shape memory,
- ozone and weather resistance,
- UV resistance,
- has a very long durability - chemical stability, and a service life of up to 50-60 years,
- moisture resistant,
- maintains flexibility up to 400%,
- has high stretchability,
- is resistant to humic acids, bacteria and fungi,
- maintains stable properties at a temperature from -45 ° to 150 ° C,
- it is root resistant.

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TECHNICAL DATA OF THE PRODUCT:

Material		EPDM- ethylene-propylene-diene terpolymer
Color		black
Thickness		1,2 mm
Reaction to Fire	EN 13501-1	E
Tensile Strength	EN 12311-2	≥ 8 N/mm ²
Elongation	EN 12311-2	≥ 350 %
Tear Resistance	EN 12310-2	≥ 25 N
Dimensional Stability	EN 1107-2	≤ 0,5%
Resistance to Ozone UV Exposure	EN 1844 EN 1397	pass, pass

AVAILABLE ROLL DIMENSIONS:

CATALOG NUMBER	PRODUCT NAME
70.1330	EPDM CARLISLE 1,2 mm, roll 3,05 x 30,05 m
70.1331	EPDM CARLISLE 1,2 mm, roll 6,10 x 30,05 m
70.1332	EPDM CARLISLE 1,2 mm, roll 9,15 x 30,05 m
70.1333	EPDM CARLISLE 1,2 mm, roll 12,20 x 30,05 m
70.1334	EPDM CARLISLE 1,2 mm, roll 15,25 x 30,05 m