

OaseFol EPDM 1,0 mm

Product Description **OasePol EPDM 1,0 mm is a non- reinforced Ethylene Propylene Diene Terpolymer (EPDM) based elastomeric waterproofing liner.** It is a black-colored synthetic roof waterproofing sheet based on Ethylene Propylene Diene Terpolymer (EPDM).

Application: Waterproofing membrane for ponds, tank linings, tunnel linings and canals.

Product Data

Appearance/colour: Membrane Thickness: 1,0 mm
Colour: grey/ black

Effective Thickness: $\pm 10\%$ of target

Storage conditions: Rolls must be stored in horizontal position. They must be protected from direct sunlight, rain, snow and ice.

Technical Data

Basic material: EPDM

Thickness: 1,0 mm

Physical Characteristics

Shore Durometer A: 60 ± 10 ASTM D 2240

Break Strength: 9,0 mPa ASTM D 412

J-Tear: pass ASTM D 624 Die T

Min. Elongation, ultimate, %: 300% ASTM D 412

Tear Strength min., kN/m: 26,3 ASTM D 624

Max. Water Vapor Permeance, perms: 0,1 ASTM E 96 Methode B

Max. Resistance to Water Absorption % +8,0
Change in mass, after 7 d immersion at 70°C: -2,0
ASTM D 471

Brittleness Temperature, °C: -45° ASTM D 2137

Root Penetration:	No Penetration	DIN 4106
Resistance to Outdoor Weathering:	No Cracks	ASTM G 155
Ozone Resistance:	No Cracks	ASTM D 1149
Puncture Resistance, N:	125	ASTM D 4833
Toxicity to fish:	passes	ASTM E 729 (96)
Resistance to Heat Aging Properties after 4weeks at 116°C:		
Min. Tensile Strength, MPa	8,3 200	ASTM D 573 ASTM D 412
Min. Elongation, ultimate, %	21,9	ASTM D 624
Min. Tear Resistance, kN/m		

System Information

System:	Accessories: 50712 OaseFol Bonding Adhesive 19 l 50713 OaseFol Primer 3,8 l 50714 OaseFol SeamTape 50715 OaseFol Flashing 57149 FixoFol 57148 UniFix+
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Application Details

Installation:	Installation procedures vary as to the type of application employed and the specific job requirements. When installed correctly, it is difficult to find a more efficient water barrier. Surfaces on or against which OaseFol membrane is to be applied must be clean, smooth, free of fins, sharp edges, loose and foreign materials, oil and grease. Before installing the membrane, examine the surfaces and find them satisfactory. It is recommended that a Oase protective pond fleece be installed prior to installation of the pond liner. Place membrane in its final position without stretching and allow the membrane to relax for 30 minutes before final positioning and securement. Consult current specifications and details for complete installation information.
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Application Conditions

Substrate Temperature:	0°C min./+ 35°C max.
Ambient Air Temperature:	+ 5°C min./+ 35°C max.

Important Information

Hazard note: The fundamental information about the physical, safety-related, toxicological and ecological data can be taken from the substance-specific material safety data sheet.

Please note the appropriate regulations (e.g. the hazardous substances ordinance).

Value base: All technical data are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Legal note: The information, and, in particular, the recommendations relating to the application and end-use of our products, are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with our recommendations. All orders are accepted subject to our current terms of sale and delivery. Valid is the current status of our product data sheet which can be downloaded from www.oase.com in its latest version.