

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 (Range from nominal 1.0 to 1.14 mm) Colour: grey/ black	
Effective Width:	-0,5 bis +1 % of target	
Effective Thickness:	-5 bis +10 % of target	
Straightness:	± 50 mm	
Flatness:	≤ 10 mm	
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	ASTM D 412
Physical Characteristics		
Hardness, Durometer A:	60 ± 10	ASTM D 2240
Min. Tensile Strength MPa:	9	ASTM D 412
Min. Tear Resistance, kN/m:	30,6	ASTM D 624 (Die C)
Min. Elongation, ultimate, %:	350%	ASTM D 412
Resistance to Soil Burial (max. change in original value), %:		ASTM D 3083
Tensile Strength		
Elongation, ultimate	± 5 ± 10	
Max. Water Vapor Permeance, 0,1 perms:		ASTM E 96 Methode B
Max. Resistance to Water Absorption % Change in mass, +4,0 after 7 d immersion at 70°C:	-2,0	ASTM D 471
Brittleness Temperature, °C:	-59°C	ASTM D 746

Root Penetration:	No Penetration	DIN 4106
Resistance to Outdoor Weathering:	No Cracks	ASTM G 26
Ozone Resistance:	No Cracks	ASTM D 1149
External Fire Performance:	$F_{ROOF}(t_1)$	ENV 1187
Reaction to Fire:	E	EN 13501-1
Resistance to Heat Aging Properties after 4weeks at 116°C:		DIN 53377
Min. Tensile Strength, MPa	8,3	
Min. Elongation, ultimate, %	225	
Min. Tear Resistance, kN/m	26,3	
Max. Linear dimensional change, %:	± 1,0	

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+
----------------	---

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.
----------------------	--

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-livingwater.com in its latest version.