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Engineering nature

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Product Specification Sheet

Firestone EPDM Rubber Pond Liner

Firestone

Firestone Building Products

A versatile, single-ply, synthetic rubber membrane, Firestone EPDM (Ethylene Propylene Diene Monomer) offers a unique combination of pond lining benefits.

Benefits

- ▶ Strong and durable
- ▶ No maintenance
- ▶ Quick to repair (in the unlikely event of puncture)
- ▶ Outstanding resistance to UV exposure and extreme temperatures
- ▶ No cracking or splitting
- ▶ Very pliable – perfect for creative pond designs

Physical properties	Test method	Declared value 1,0 mm	Tolerance	Unit
Mass per unit area	EN 1849-2	1150	± 5%	g/m ²
Tensile strength (MD/CD)	EN 12311-2	9		N/mm ²
Elongation without yield point (MD/CD)	EN 12311-2	≥ 300		%

This information is for reference purposes only and is not intended as a warranty or guarantee.



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Dimensional stability	EN 1107-2	≥ 0.5		%
Flexibility at low temperature	EN 495-5	≥ -45		°C
Resistance to static puncture	EN ISO 12236	0.6		kN
Distance of the plunger before puncture	EN ISO 12236	110		mm
Water permeability (liquid tightness)	EN 14150	3.0 10 ⁻⁶	3.0 10 ⁻⁶	m ³ m ² /d
Durability - weathering (25y)	EN 12224	Pass		
Durability - oxidation	EN 14575	Pass		
Resistance to root penetration	CEN/TS 14416	Pass		

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