



Weed Membrane

Property

Descriptive Properties

Property	Standard	Units	Value
Thickness at 2kPa	BS EN 964-1	mm	0.32
Thickness at 200kPa	BS EN 964-1	mm	0.32
Colour			Black

Mechanical Properties

Tensile strength			
M-Way tensile strength	BS EN ISO 10319	kN/m	1.09
M-Way extension at max. load	BS EN ISO 10319	%	91.9
X-Way tensile strength	BS EN ISO 10319	kN/m	1.66
X-Way extension at max. load	BS EN ISO 10319	%	102.1
Grab tensile strength			
M-Way grab strength	ASTM D4632	N	139.1
M-Way apparent elongation	ASTM D4632	%	159.0
X-Way grab strength	ASTM D4632	N	186.9
X-Way apparent elongation	ASTM D4632	%	156.6
Tear resistance			
Tearing through M-Way	ASTM D4533	N	65.6
Tearing through X-Way	ASTM D4533	N	91.9

Hydraulic Properties

Pore size O90W	BS EN ISO 12956	µm	81
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Water permeability

Breakthrough head	BS 6906: Part 3	mm	60
Flow rate	BS 6906: Part 3	l/m ² /s	16.04
Velocity index VIH50			
Mean	BS EN ISO 11058	m/s	0.068
Minimum	BS EN ISO 11058	m/s	0.045
Maximum	BS EN ISO 11058	m/s	0.091

Air Permeability

Velocity at 30Pa*	BS EN ISO 9237	mm/s	401.7
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Hydrostatic head

3rd drop, 60cm/min rate of rise	BS EN 20811	cm	10.0
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Evergreens UK have the right to alter each product specification in order to improve the product according to the newest technological applications. Evergreens UK is not legally liable in case of non-compliance with the above-mentioned specifications.

Tel: 0843 224 7878

Fax: 01572 768261

Email: info@artificialgrass.com

www.artificialgrass.com

ArtificialGrass.com - Merchant Division of Evergreens UK Ltd
 Exton Block, Market Overton Ind. Est.
 Ironstone Lane
 Market Overton, nr Oakham
 Rutland, LE15 7TP, UK

Company No 4389847 | VAT No 330323510