



Technical Data

	Test	Unit	Mean Values		
Mechanical Properties					
Compressive strength	EN ISO 25619-2	kPa	115		
Tensile Strength (MD/CMD)	EN ISO 10319	kN/m	9 / 5		
Tensile elongation (MD/CMD)		%	40		
Hydraulic Properties					
Perforation per m ²			49		
Perforation Diameter		mm	10		
Water Flow through perforations	EN ISO 11058	l/(m ² ·s)	24		
Water flow capacity in the plane (rigid/rigid)	EN ISO 12958	l/(m·s)	(i=1)	(i=0.5)	(i=0.1)
at 20kPa			10.0	8.0	5.0
at 100kPa			9.0	6.0	3.5
at 200kPa			5.0	2.0	1.0
Physical Properties					
Thickness @ 2kPa	EN ISO 9863-1	mm	20.0		
Standard Colour			Black		
Polymer			HDPE		
Dimensions					
Standard Roll Length		m	50		
Standard Roll Width		m	0.97		
Approximate roll weight		kg	60		

Technical Properties

- Suitable for use on extensive and intensive green roof and podium systems.
- Functional in sedum, wildflower and biodiverse systems
- Provides drainage and water storage.
- Water stored can be vital for the survival of the green roof system during periods of drought and extreme heat.
- High compressive strength (115 kPa) protects drainage layer during installation and during periods where the terrestrial layer is saturated.



Specification Description

HDPE geotextiled filter/separator bonded to a single side. Studded HDPE sheets contain perforations to drain surplus water and high capacity dimples for water retention.



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