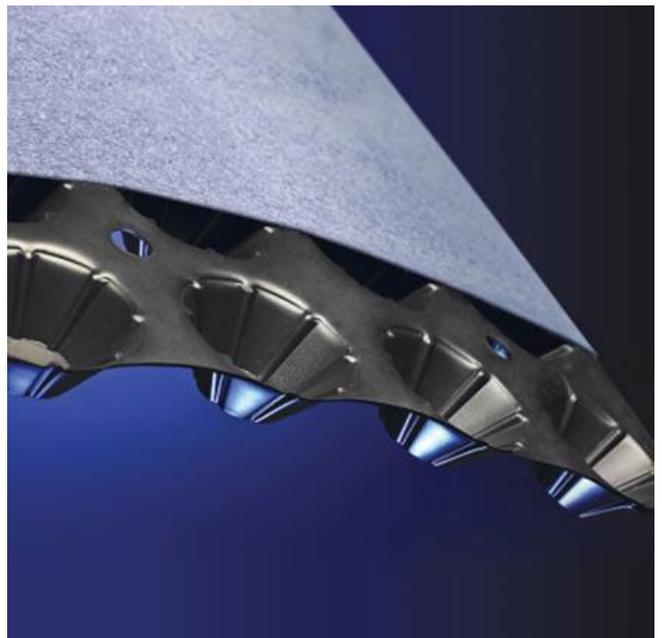


# Technical data sheet

## HYDROSOIL DRAINAGE BOARD 20

### Hydrosoil Drainage Board 20

Rigid drainage board manufactured from HDPE. Combined function as a water-retention, drainage and filtration layer. Rigid sheet with integrated Polypropylene filter layer. Studded HDPE sheets contains perforations to drain surplus water and high capacity dimples (height c.20mm) for water retention. High compressive strength (115kPa). Delivery and installation according to Axter instruction. Product arrives in 48.5 m<sup>2</sup> size rolls.



TECHNICAL DATA						
	TEST	UNIT	MEAN VALUES			
<b>MECHANICAL PROPERTIES - GEOCOMPOSITE</b>						
Compressive Strength	EN ISO 25619-2	kPa	115			
Tensile Strength (MD/CMD)	EN ISO 10319	kN/m	17			
Static Puncture	EN ISO 12236	kN	2.6			
<b>HYDRAULIC PROPERTIES - GEOTEXTILE</b>						
Water Permeability vH50	EN ISO 11058	l/(m <sup>2</sup> ·s)	100			
Apparent Opening Size	EN ISO 12956	µm	80			
<b>HYDRAULIC PROPERTIES - GEOCOMPOSITE</b>						
Water Flow Capacity In The Plane (Rigid/Rigid)	EN ISO 12958	l/(m <sup>2</sup> ·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	
Water Storage Capacity		l/m <sup>2</sup>	4.0			
Water flow Through Perforations	EN ISO 11058	l/(m <sup>2</sup> ·s)				
<b>PHYSICAL PROPERTIES</b>						
Thickness at 2kPa	EN ISO 9836-1	mm	21			
Standard Colour			Black			
Perforations per m <sup>2</sup>			49			
Perforations diameter		mm	10			
Polymer - Cuspate			HDPE			
Polymer - Textile			PP			
<b>DIMENSIONS</b>						
Standard Roll Length		m	50			
Standard Roll Width		m	0.97			
Approximate Roll Weight		kg	60			

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