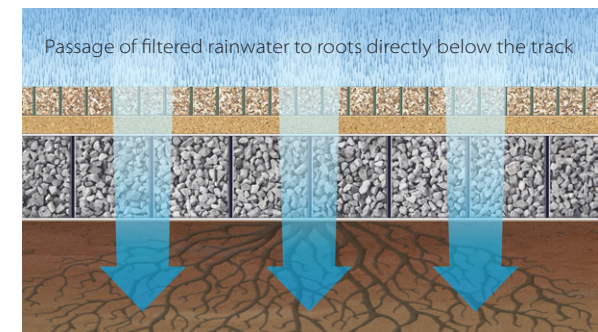


	Property	Description				Test method	
Material	Material composition	Polymer – Polyethylene composite with density of 0.95 g/cm <sup>3</sup> (±1.5%)				ASTM D 1505	
	Colour	Black - from Carbon Black	No heavy metal content			n/a	
	UV stabiliser	Carbon black content 1.5% - 2% by weight	Hindered Amine Light Stabilizer (HALS) 1.0% by weight			n/a	
	ESCR	>5000 hr				ASTM D 1693	
Strip properties	Surface treatment	Perforated cells	<b>Texturing</b> Surface texturing consists of a multitude of rhomboidal indentations, over the entire strip area, at a surface density of 22-31cm <sup>2</sup> and depth of 0.35-0.85mm.	<b>Perforations</b> The polyethylene strips shall be perforated with horizontal rows of 10mm diameter holes. Perforations within each row shall be 19mm on centre. Horizontal rows shall be staggered and separated 12mm relative to the hole centres. Outer perforation centres shall be at least 6mm from the strip edges. The total open area is up to 16% (±10%) of the cell wall area (dependent on cell dimensions).			
	Strip thickness	1.53 mm (±10%)				ASTM D 5199	
Cell / section nominal dimensions	Cell dimensions	Weld spacing (±2.5mm)	Cell Dimensions at recommended openings ±3%			Section Dimensions at recommended openings ±3%	
			Cell size (mm)	Cell depth (mm)	Number of cells/m <sup>2</sup>	Section (m)	Area (m <sup>2</sup> )
	CEN-A	330	250 x 210	50, 65, 75, 100, 125, 150, 200 mm	39	2.5 x 8	20
CEN-B	356	260 x 224		35	2.71 x 7.4	20	
Cell & Seam properties	Seam Peel Strength (short term)	Cell depth	Minimum Cell Seam Strength (±5%)				
		50mm	725N				
		75mm	1060N				
		100mm	1450N				
		150mm	2150N				
	200mm	2900N					
Tensile Strength at Yield (wide width with perforation)	18KN/m				ISO 10319		
Permanent Deformation (Creep) reduction factor	Resistance to permanent deformation	5 year	<1.2				
		10 year	<1.4			ASTM D-6992	
		25 year	<1.9				
180° Peel Strength (long term)	A 100mm wide seam sample shall support a 72.5 kg load for 30 days minimum in an ambient room temperature environment.						



1. Wrekin Products Ltd reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. The above figures are average values obtained in testing to current geotextiles test standards. Although not guaranteed these results do, to the best of our knowledge, offer a true and accurate record of the product's performance.
4. Wrekin cannot be held responsible for the performance of these products as conditions of use are beyond our control.
5. Installation details are available on request.