

- 1. Description** 20 mm HDPE punched cusped drainage board.
- 2. Applications** GEOfabrics' CP20 has been designed to provide an irrigation and drainage system for greenroofs.
- 3. Features**
 - Optimised for maximum strength and performance
 - UV stabilised
 - High crush resistance
 - Excellent flow rate
 - Also available in sheet format for ease of installation



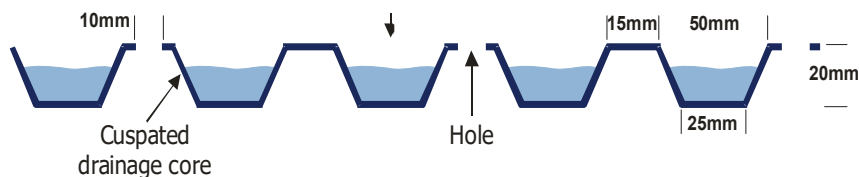
	Test Standard	Unit	Mean Values		
4. Mechanical Properties Compressive Strength Tensile strength (MD/CMD) Tensile elongation (MD/CMD)	EN ISO 25619-2	kPa	115		
	EN ISO 10319	kN/m	9 / 5		
		%	40		
5. Hydraulic Properties Perforations per m ² Perforation diameter Water storage capacity Water permeability v _{H50} (through perforations) In plane flow capacity (rigid/rigid) @ 20kPa @ 100kPa @ 200kPa	EN ISO 11058 EN ISO 12958	mm l/m ² l/(m ² ·s) l/(m·s)	49		
			10		
			4		
			24		
			i = 1	i = 0.5	i = 0.1
			10.0	8.0	5.0
			9.0	6.0	3.5
5.0	2.0	1.0			
6. Physical Properties Thickness @ 2kPa (Nominal) Standard colour Polymer	EN ISO 9863-1	mm	20		
			Black		
			HDPE		

Notes:

- a) Mean values indicate the arithmetic mean derived from the samples taken for any one test as defined in the standard – usually an overall mean of five samples. Mean values are subject to tolerances based on 95% confidence limits as published on the product CE declaration of performance.

- 7. Testing** All materials are tested every 6000m² in an UKAS accredited ISO 17025 laboratory to all mechanical properties prior to release.
- 8. Storage** The geocomposites are supplied in packaging designed to protect the product from damage during handling, storage and degradation as a result of UV exposure. The product should be kept in appropriate packaging until such time that it is required for installation. The product is clearly and indelibly marked with the product name along the edge of the roll at regular intervals no greater than 5m. The packaging is labelled clearly to identify the product supplied in accordance with EN ISO 10320: Geotextile and Geotextile related products – Identification on site. Use slings where provided. Product weights are given on roll tickets. Use equipment appropriate to weight and dimension. Store and handle in accordance with good occupational hygiene and safety practice.

	Unit	Values
9. Dimensions		
Standard roll length	m	50
Standard roll width	m	0.97
Approximate roll weight	Kg	60
Standard sheet length	m	2
Standard sheet width	m	0.97
Approximate sheet weight	Kg	1.75



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