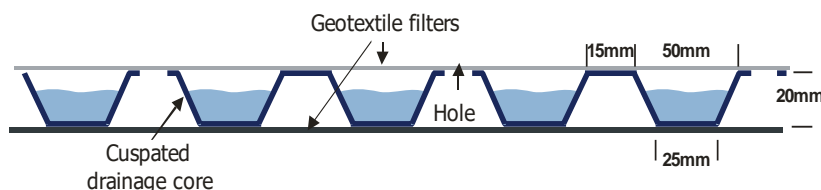


## FCFP35 Cuspate Geocomposite

- 1. DESCRIPTION** 20mm HDPE punched cusped drainage board with a geotextile filter/separator bonded on top and a protection geotextile at the bottom.
- 2. APPLICATIONS** GEOfabrics' FCFP35 geocomposite 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



Test	Unit	MEAN VALUES		
<b>4. MECHANICAL PROPERTIES - Geocomposite</b>				
Compressive strength	EN ISO 25619-2	kPa	115	
Tensile strength (MD/CMD)	EN ISO 10319	kN/m	22	
Static puncture (CBR)	EN ISO 12236	kN	3.0	
<b>5. HYDRAULIC PROPERTIES - Geotextile</b>				
Water permeability $v_{H50}$	EN ISO 11058	$l/(m^2 \cdot s)$	<b>Top</b> 100	<b>Bottom</b> 100
Apparent opening size	EN ISO 12956	$\mu m$	80	150
<b>6. HYDRAULIC PROPERTIES - Geocomposite</b>				
Water flow capacity in the plane (rigid/rigid)	EN ISO 12958	$l/(m \cdot s)$	(i=1)	(i=0.5)
@ 20kPa			10.0	8.0
@ 100kPa			9.0	6.0
@ 200kPa			5.0	2.0
Water storage capacity		$l/m^2$	4	
Water flow through perforations	EN ISO 11058	$l/(m^2 \cdot s)$	24	
<b>7. PHYSICAL PROPERTIES</b>				
Thickness @ 2kPa	EN ISO 9863-1	mm	24	
Standard colour - Cuspate			Black	
Perforations per $m^2$			49	
Perforations diameter		mm	10	
Polymer - Cuspate			HDPE	
Polymer - Textile			PP	

Notes: 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.

- 8. TESTING** All materials are tested every 6000m<sup>2</sup> in an UKAS accredited ISO 17025 laboratory to all mechanical properties prior to release.
- 9. STORAGE** The geocomposites are supplied in packaging designed to protect the product from damage during handling and 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
<b>10. DIMENSIONS</b>	
Standard roll length	m
Standard roll width	m
Approximate roll weight	Kg