

## PERMAVOID<sup>®</sup> 85 - SPECIFICATION

### Permavoid<sup>®</sup> 85 – High strength Geocellular subbase replacement system

Material		Polypropylene (CoPo)		
Element	Unit	Value		
Weight per unit	kg	2.25		
Weight per square metre	kg	9.00		
<b>Dimensions</b>				
Length	mm	708		
Width	mm	354		
Height	mm	85		
<b>Short Term Compressive Strength</b>				
Vertical	kN/m <sup>2</sup>	715		
Lateral	kN/m <sup>2</sup>	156		
<b>Short Term Deflection</b>				
Vertical	mm/kN/m <sup>2</sup>	1mm per 126kN/m <sup>2</sup>		
Lateral	mm/kN/m <sup>2</sup>	1mm per 15kN/m <sup>2</sup>		
Ultimate tensile strength of a single joint	kN/m <sup>2</sup>	42.4		
Tensile strength of a single joint at 1% secant modulus	kN/m <sup>2</sup>	18.8		
Bending resistance of unit	kNm	0.71		
Bending resistance of single joint	kNm	0.16		
Hydraulic performance	Gradient (%)	0	1	2
	Flow rate (l/m/s)	4	6	7
Volumetric Void Ratio	%	92		
Average effective perforated surface area	%	52		

**Disclaimer:**

This product specification is neither giving nor implying warranty for the use of this information for design and installation as these are beyond our control. The data provided is typical and based upon the mean values obtained from the samples taken for any one test. If not otherwise indicated the test procedures reflect usually the mean of five samples. Permavoid Limited reserves the right to change specifications without prior notice. Permafoam is patented pending technology.

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