

## SudsSports 85mm - High strength geocellular substrate drainage and water management layer

Material		Polypropylene (CoPo)			
Element	Unit	Value			
Weight per unit	kg	2.00			
<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			

SudsSport can be installed as a complete under-pitch drainage, infiltration or attenuation layer or in strips as a more effective alternative to conventional drains

**SudsSports 85mm**



**SudsSports in Pitch Construction**

