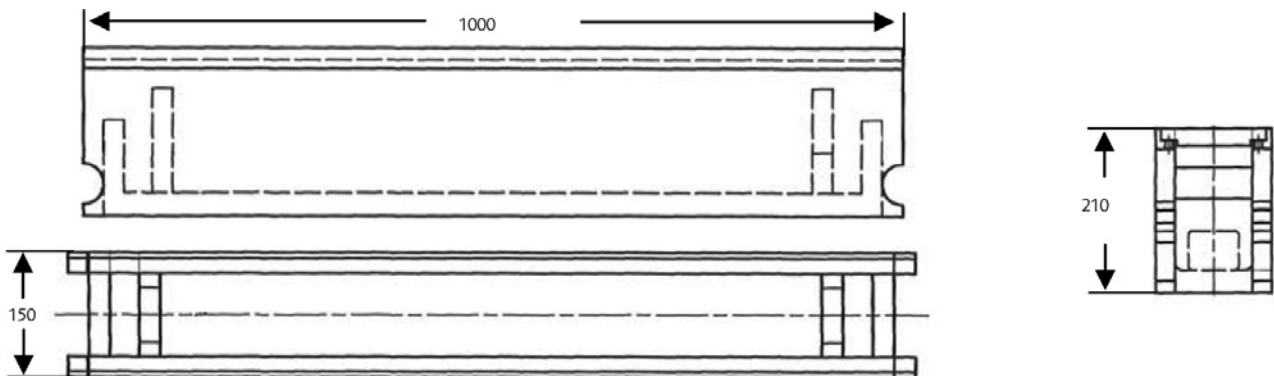


# SEL Permachannel® Specification



## Combined surface water collector and silt/oil separator

<b>Material</b>	Polymer concrete	
<b>Element</b>	<b>Unit</b>	<b>Value</b>
Weight per unit	kg	29
<b>Dimensions</b>		
Length	mm	1000
Width	mm	150
Height	mm	210
<b>Pollution prevention performance</b>	The system complies with the regulations of the treatment train criteria in a SUDS scheme as defined in PPG3.	
<b>Polymer concrete</b>		
Compressive Resistance	N/mm <sup>2</sup>	96 - 104
Bending Strength	N/mm <sup>2</sup>	15 - 22
Water absorption	%	Less than 5
Density	kg/m <sup>3</sup>	2300
Modulus of elasticity	kN/mm <sup>2</sup>	15 - 30
Coefficient of expansion	/°	10 - 20 x 10 <sup>-6</sup>
Chemical resistance	The polymer concrete has a capillary-free, non-porous sealed structure, which makes it naturally resistant to most chemicals (i.e. petrol, oils, and acids).	



**ALTHON LIMITED**, Vulcan Road South, Norwich NR6 6AF  
 Telephone: 01603 488700 Fax: 01603 488598 Email: sales@althon.co.uk

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# SEL Permachannel® Specification



## SEL Permachannel® Standard Grating

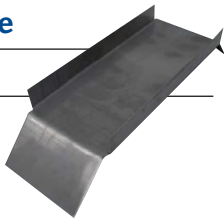
<b>Material</b>	Ductile iron	
<b>Element</b>	<b>Unit</b>	<b>Value</b>
Weight per unit	kg	6.5
<b>Dimensions</b>		
Length	mm	500
Width	mm	138
Height	mm	10
<b>Load Bearing Capacity</b>		
Load capacity	Kn	400
Load class	-	D400 (EN124D)

## SEL Permachannel® Heel Safe

<b>Material</b>	Ductile iron	
<b>Element</b>	<b>Unit</b>	<b>Value</b>
Weight per unit	kg	6.5
<b>Dimensions</b>		
Length	mm	500
Width	mm	138
Height	mm	7
<b>Load Bearing Capacity</b>		
Load capacity	Kn	400
Load class	-	D400 (EN124D)

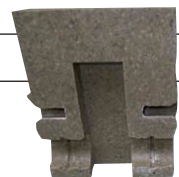
## SEL Permachannel® Deflector Plate

<b>Material</b>	Stainless steel	
<b>Element</b>	<b>Unit</b>	<b>Value</b>
Weight per unit	kg	0.5
<b>Dimensions</b>		
Length	mm	230
Width	mm	95
Height	mm	25



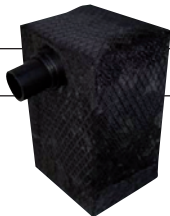
## SEL Permachannel® End Plate

<b>Material</b>	Polymer concrete	
<b>Element</b>	<b>Unit</b>	<b>Value</b>
Weight per unit	kg	2.15
<b>Dimensions</b>		
Length	mm	150
Width	mm	50
Height	mm	210



## SEL Permachannel® Connector Type1

<b>Material</b>	Polypropylene	
<b>Element</b>	<b>Unit</b>	<b>Value</b>
Weight per unit	kg	0.5
<b>Dimensions</b>		
Length	mm	150
Height	mm	245
Depth	mm	130



## SEL Permachannel® Connector Type2

<b>Material</b>	Polypropylene	
<b>Element</b>	<b>Unit</b>	<b>Value</b>
Weight per unit	kg	0.7
<b>Dimensions</b>		
Length	mm	150
Height	mm	360
Depth	mm	130



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