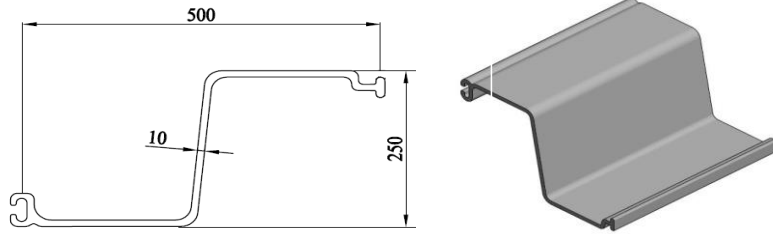


ESC VINYL SHEET PILING

ESC-VU80

GLOBAL
PILING
SOLUTIONS



ESC VINYL SHEET PILE PROFILE
ESC-VU80

Profile Properties

Section	ESC-VU80			
Unit Width	mm	500	in	19.69
Depth	mm	250	in	9.84
Thickness	mm	10	in	0.394
Elastic Section Modulus	cm ³ /m	1396	in ³ /ft	26
Moment of Inertia	cm ⁴ /m	17448	in ⁴ /ft	127.8
Allowable Moment	kNm/m	23.7	ft-lb/ft	5328
Standard Colours	Grey, Other Colours available subject to Minimum Order			
Profile	Z Profile			

Material Properties

	ASTM	ISO	Min. Value/Range
Density	-	ISO 1183-3	1400-1480kg/m ³
Flexural Strength	ASTM D790	ISO 178	66MPa
Shore Durometer	-	ISO 868	75 Shore AD
Modulus of Elasticity	ASTM D638	ISO 178/527-2	2.62GPa
Tensile Strength	ASTM D638	-	44MPa
Izod Impact Strength	ASTM D256	-	9kJ/m ²
Charpy Impact Strength	-	ISO 179-1	30kJ/m ²
Vicat Softening Temp.	ASTM D648	ISO 306	77°C

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