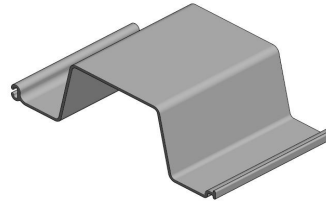


ESC VINYL SHEET PILING

ESC-VU25

GLOBAL
PILING
SOLUTIONS



ESC VINYL SHEET PILE PROFILE ESC-VU25

Profile Properties

Section	ESC-VU25			
Unit Width	mm	500	in	19.69
Depth	mm	160	in	6.3
Thickness	mm	6	in	0.236
Elastic Section Modulus	cm ³ /m	502	in ³ /ft	9.3
Moment of Inertia	cm ⁴ /m	4013	in ⁴ /ft	29.4
Allowable Moment	kNm/m	13.0	ft-lb/ft	2923
Standard Colours	Grey, Other Colours available subject to Minimum Order			
Profile	Omega 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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