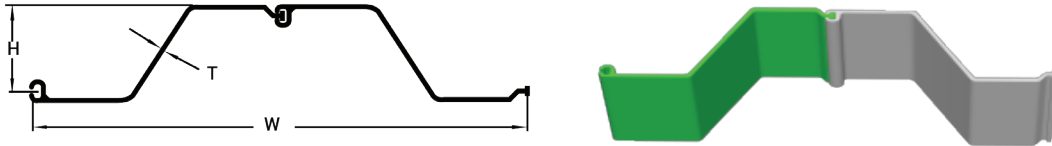


ESC-GC458-FR
ESC COMPOSITE SHEET PILE



	IMPERIAL		METRIC	
	UNIT	VALUE	UNIT	VALUE
Section width (W)	in	18.0	mm	457
Section depth (H)	in	8.0	mm	203
Thickness (T)	in	0.25	mm	6.4
Cross-section area	in ²	6.6	cm ²	42.6
Section modulus	in ³ /ft	12.9	cm ³ /m	696
Moment of inertia	in ⁴ /ft	51.79	cm ⁴ /m	7,072
Allowable moment	ft-kips/ft	14.61	kNm/m	65
Ultimate moment	ft-kips/ft	29.41	kNm/m	130.8
EI stiffness	ibf-in ² *10 ⁶ /ft	235.6	kNm ² /m	2,218
Ultimate Stiffness	ibf-in ² *10 ⁶ /ft	294.5	kNm ² /m	2,773
Impact strength Charpy test	ft-lbs/ft ²	≥ 14.3	kJ/m ²	≥30
Weight Per Pile	lb/ft	6.14	kg/m	9.1
Weight Per Pile	lb/ft ²	4.10	kg/m ²	20.0

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