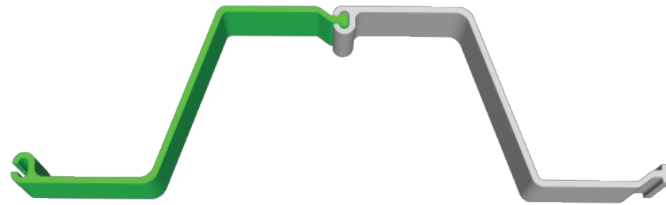
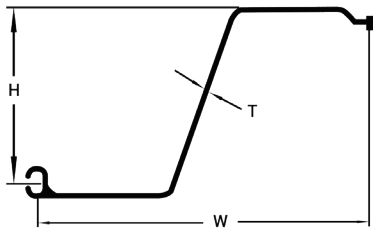


ESC-GC760-FR ESC COMPOSITE SHEET PILES



	IMPERIAL		METRIC	
	UNIT	VALUE	UNIT	VALUE
Section width (W)	in	30.0	mm	762
Section depth (H)	in	17.0	mm	432
Thickness Web/Flange	in	0.54	mm	13.7
Cross-section area	in ²	24.65	cm ²	159.0
Section modulus	in ³ /ft	58.2	cm ³ /m	3,130
Moment of inertia	in ⁴ /ft	494.88	cm ⁴ /m	67,580
Allowable moment	ft-kips/ft	80.75	kNm/m	359.2
Ultimate moment	ft-kips/ft	162.51	kNm/m	722.9
EI stiffness	ibf-in ² *10 ⁶ /ft	1,746.7	kNm ² /m	16,446
Ultimate Stiffness	ibf-in ² *10 ⁶ /ft	2,183.3	kNm ² /m	20,557
Impact strength Charpy test	ft-lbs/ft ²	≥ 14.3	kJ/m ²	≥30
Weight Per Pile	lb/ft	21.5	kg/m	32.0
Weight Per Pile	lb/ft ²	8.6	kg/m ²	42.0

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