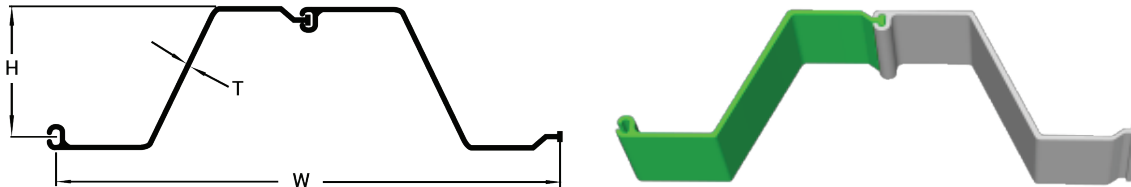


## ESC-GC610-FR ESC COMPOSITE SHEET PILES



	IMPERIAL		METRIC	
	UNIT	VALUE	UNIT	VALUE
Section width (W)	in	24	mm	610
Section depth (D)	in	14	mm	356
Thickness (T)	in	0.43	mm	10.9
Cross-section area	in <sup>2</sup>	16.6	cm <sup>2</sup>	107.1
Section modulus	in <sup>3</sup> /ft	37.1	cm <sup>3</sup> /m	1,994
Moment of inertia	in <sup>4</sup> /ft	259.92	cm <sup>4</sup> /m	35,494
Allowable moment	ft-kips/ft	78.95	kNm/m	351.2
Ultimate moment	ft-kips/ft	158.9	kNm/m	706.8
EI stiffness	ibf-in <sup>2</sup> *10 <sup>6</sup> /ft	1,182.5	kNm <sup>2</sup> /m	11,134
Ultimate Stiffness	ibf-in <sup>2</sup> *10 <sup>6</sup> /ft	1,478.2	kNm <sup>2</sup> /m	13,918
Impact strength Charpy test	ft-lbs/ft <sup>2</sup>	≥ 14.3	kJ/m <sup>2</sup>	≥30
Weight Per Pile	lb/ft	13.4	kg/m	19.9
Weight Per Wall	lb/ft <sup>2</sup>	6.7	kg/m <sup>2</sup>	32.7

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