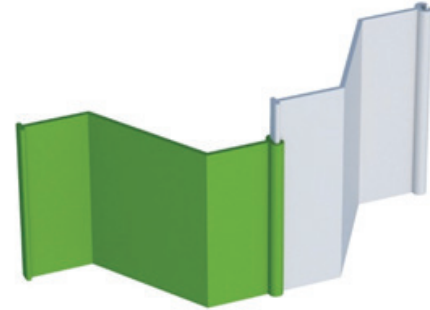
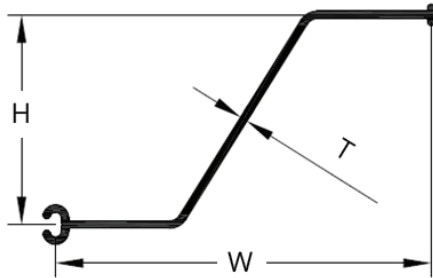


## ESC-GW270-5.5 VINYL Z PROFILE



	IMPERIAL		METRIC	
	UNIT	VALUE	UNIT	VALUE
Section width (W)	in	10.6	mm	270
Section depth (H)	in	6.1	mm	155.5
Thickness (T)	in	0.22	mm	5.5
Cross-section area	in <sup>2</sup>	3.4	cm <sup>2</sup>	22.3
Section modulus	in <sup>3</sup> /ft	6.9	cm <sup>3</sup> /m	369
Moment of inertia	in <sup>4</sup> /ft	23.9	cm <sup>4</sup> /m	3266
Allowable moment	ft-kips/ft	1.8	kNm/m	8.1
Ultimate moment	ft-kips/ft	3.6	kNm/m	16.3
Ultimate stiffness	ibf-in <sup>2</sup> *10 <sup>6</sup> /ft	9.0	kNm <sup>2</sup> /m	84.9
Impact strength Charpy test	ft-lbs/ft <sup>2</sup>	≥ 14.3	kJ/m <sup>2</sup>	≥30
Weight Per Pile	lb/ft	2.15	kg/m	3.2
Weight Per Wall	lb/ft <sup>2</sup>	2.43	kg/m <sup>2</sup>	11.9

\*Safety factor = 2

Tolerance in accordance with the State technical assessment.

### ESC STEEL LLC



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