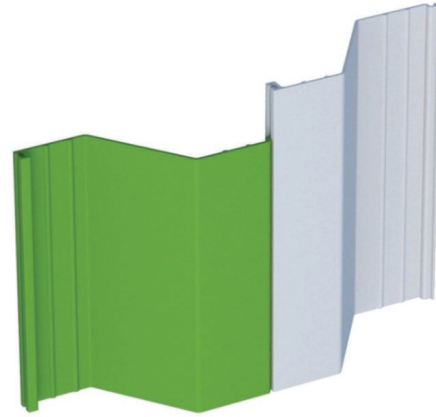
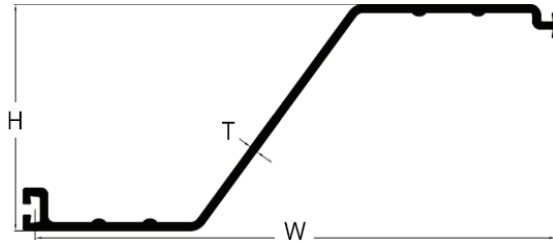


## ESC-GW565-9.0 VINYL Z PROFILE



	IMPERIAL		METRIC	
	UNIT	VALUE	UNIT	VALUE
Section width (W)	in	22.2	mm	565
Section depth (H)	in	9.6	mm	245
Thickness (T)	in	0.35	mm	9
Cross-section area	in <sup>2</sup>	11.3	cm <sup>2</sup>	72.9
Section modulus	in <sup>3</sup> /ft	19.4	cm <sup>3</sup> /m	1042
Moment of inertia	in <sup>4</sup> /ft	93.5	cm <sup>4</sup> /m	12768
Allowable moment	ft-kips/ft	5.2	kNm/m	22.9
Ultimate moment	ft-kips/ft	10.3	kNm/m	45.8
Ultimate stiffness	ibf-in <sup>2</sup> *10 <sup>6</sup> /ft	35.3	kNm <sup>2</sup> /m	332
Impact strength Charpy test	ft-lbs/ft <sup>2</sup>	≥ 14.3	kJ/m <sup>2</sup>	≥30
Weight Per Pile	lb/ft	7.06	kg/m	10.5
Weight Per Pile	lb/ft <sup>2</sup>	3.8	kg/m <sup>2</sup>	18.6

\*Safety factor = 2

Tolerance in accordance with the State technical assessment.

### ESC STEEL LLC



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