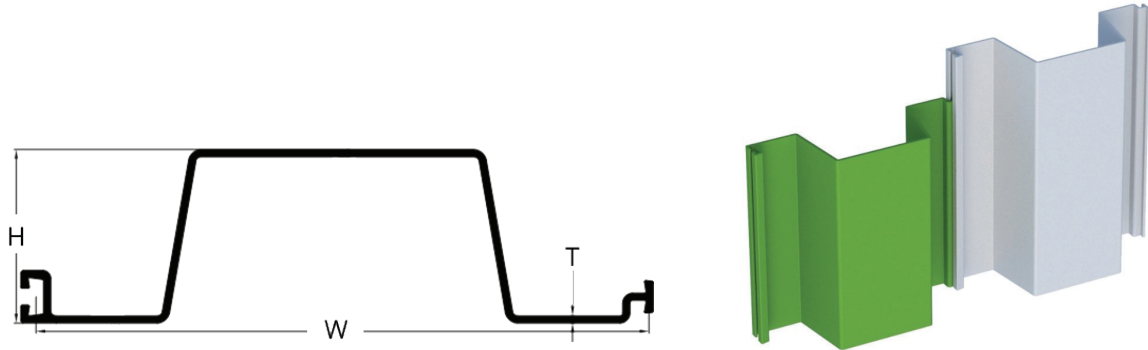


ESC-GW460-5.5 VINYL BOX PROFILE



	IMPERIAL		METRIC	
	UNIT	VALUE	UNIT	VALUE
Section width (W)	in	18.1	mm	460
Section depth (H)	in	5.1	mm	130
Thickness (T)	in	0.22	mm	5.5
Cross-section area	in ²	6.6	cm ²	42.9
Section modulus	in ³ /ft	6.7	cm ³ /m	360
Moment of inertia	in ⁴ /ft	18.5	cm ⁴ /m	2527
Allowable moment	ft-kips/ft	1.8	kNm/m	7.9
Ultimate moment	ft-kips/ft	3.6	kNm/m	15.8
Ultimate stiffness	ibf-in ² *10 ⁶ /ft	7.0	kNm ² /m	65.7
Impact strength Charpy test	ft-lbs/ft ²	≥ 14.3	kJ/m ²	≥30
Weight Per Pile	lb/ft	4.17	kg/m	6.2
Weight Per Wall	lb/ft ²	2.75	kg/m ²	13.4

*Safety factor = 2

Tolerance in accordance with the State technical assessment.

ESC STEEL LLC



Pietrucha ESC Inc.

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