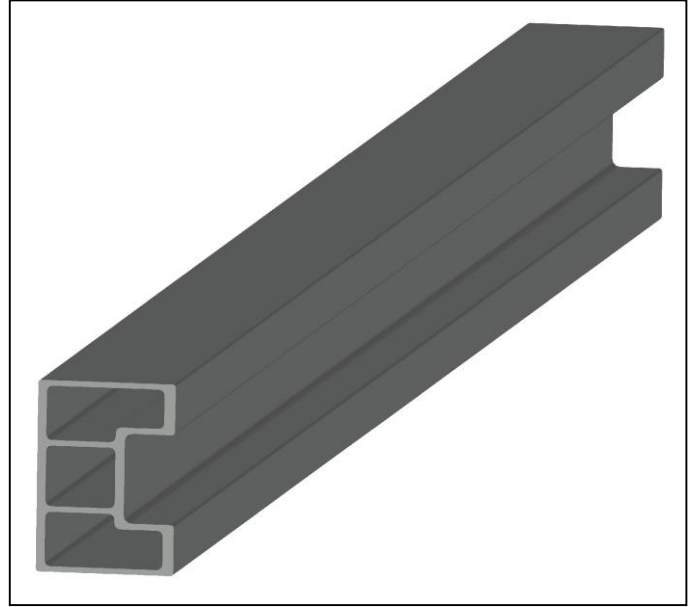
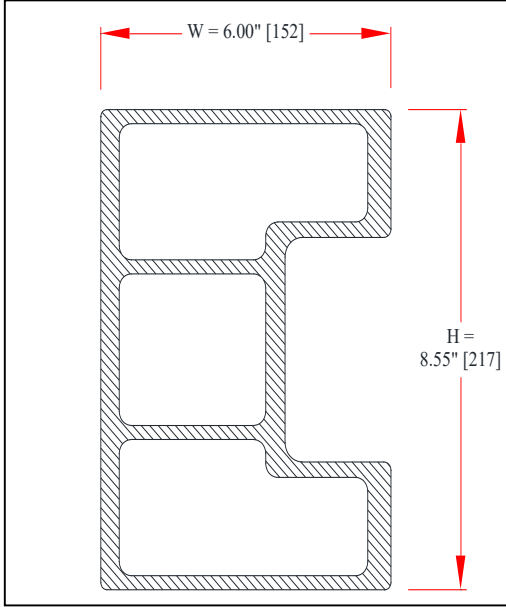


EverComp I-55 FRP Wale Beam

Technical Data Sheet

Material Properties - Fiber Reinforced Polymer	Symbol	Units	Results	ASTM Test Method
<i>Flexural Stress:</i>				
Ultimate (AL)	$\sigma_{ult AL}$	psi	44,000	D 790-17
<i>Tensile Stress:</i>				
Ultimate (AL)	$\sigma_{ult AL}$	psi	60,000	D 638-14

AL - Along length of wale



Recommended Allowable Wale Loads		
Tie-Rod Spacing (ft)	Wale Uniform Load ^{1,2} (lbs/ft)	Allowable Tie-Rod Load ² (lbs)
4	2,200	10,000
5	1,775	
6	1,475	
7	1,250	

¹ Based on L/240 Deflection

² Based on use of ESP steel plate washers

Geometric Properties				
Overall Width	W	in	6.00	-----
Overall Height	H	in	8.55	-----
Moment of Inertia	I	in ⁴	54.8	-----
Section Modulus	S	in ³	17.2/19.5	-----
Standard Color	Medium Grey			

The values shown are averages and may vary. No warranties of any kind are made as to the suitability of ESP sheet piling for particular applications
 Revised: 8/18/2025



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