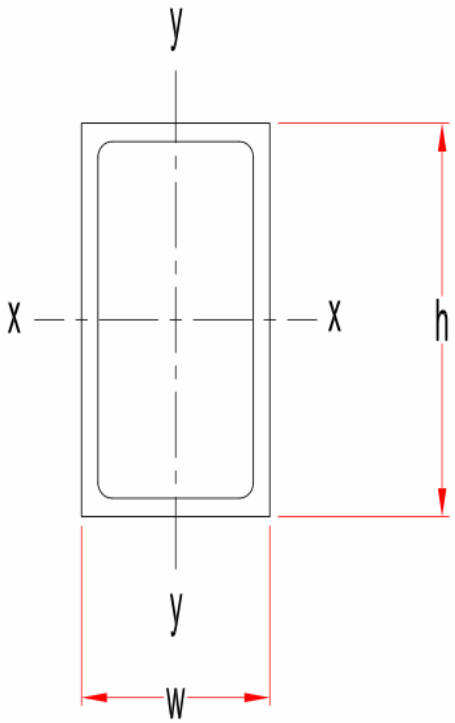
EverComp Wale/Beam

Technical Data Sheet

Material Properties	Symbol	Units	S- Series	H-Series	I-Series	X-Series
Modulus of Elasticity						
Bending About X-X Axis	E_{X-X}	psi	$3.5x10^6$	$3.7x10^6$	$3.6x10^6$	$4.0x10^6$
Bending About Y-Y Axis	E_{Y-Y}	psi	$3.6x10^6$	$3.8x10^6$	$3.5x10^6$	$4.4x10^6$
Modulus of Rupture						
Bending About X-X Axis	MOR_{X-X}	psi	35,814	43,542	41,621	42,409
Bending About Y-Y Axis	MOR_{Y-Y}	psi	15,556	25,408	19,119	25,458
Weight						
Based on SG = 1.8 (min.)	W	lb/LF	1.9	4.0	5.0	5.5



Geometric Properties of Wale/Beam						
Width	W	inches	3.5	3.5	4.0	4.0
Height	h	inches	4.5	4.5	6.0	7.5
Section Modulus (X-X)	Z_{X-X}	in^3	3.56	6.5	9.3	14.44
Section Modulus (Y-Y)	Z_{Y-Y}	in^3	3.09	5.53	7.2	9.82
Moment of Inertia (X-X)	I_{X-X}	in^4	8.01	14.63	27.4	54.16
Moment of Inertia (Y-Y)	I_{Y-Y}	in^4	5.4	9.67	14.3	19.64

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

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