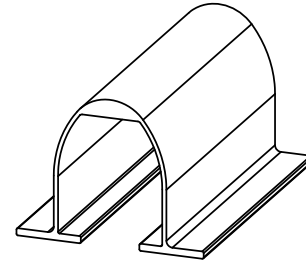
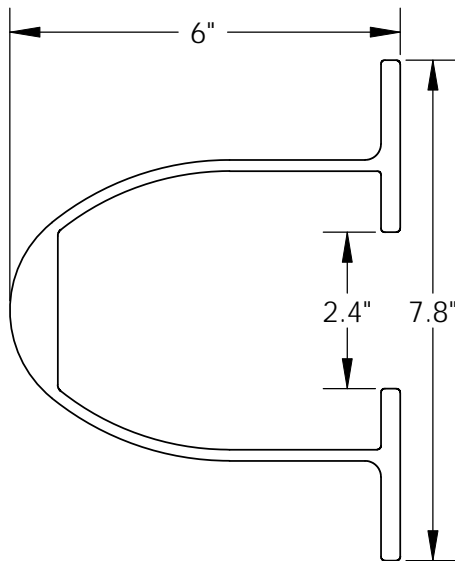


WB-2 Wale



Max Allowable Bending Moment	13,575 ft-lbs	18,405 N-m
Section Modulus (Z)	8.6 in ³	141 cm ³
Moment of Inertia (I)	28 in ⁴	1,165 cm ⁴
Design Modulus of Elasticity (E)	10 x10 ⁶ psi	68,900 Mpa
Material	6061-T6 Marine Grade Aluminum	
Required Components	WB-2 Rod Kit	
Standard Colors	Mill Finish	
Standard Packaging	25ft WB-2 Wale, Splice Insert	



Span (L) (ft)	Max Allowable Uniform Load (Bending Moment)	Deflection Allowable Uniform Load (lbs/ft)			
		L/90	L/180	L/240	L/360
4	8,484	----	----	----	6,481
5	5,430	----	----	4,978	3,319
6	3,771	----	----	2,881	1,920
7	2,770	----	2,419	1,814	1,209
8	2,121	----	1,620	1,215	810
9	1,676	----	1,138	854	569
10	1,358	----	830	622	415
11	1,122	----	623	467	312
12	943	----	480	360	240
13	803	755	378	283	189
14	693	605	302	227	151
15	603	492	246	184	123

Physical properties are defined by ASTM testing standards, The Aluminum Association Design Manual, The Naval Facilities Design Manual DM 7.2, The US Army Corps of Engineers General Design Guide: PVC Sheet Pile and/or standard engineering practice. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties of any kind are made as to the suitability of any CMI product for particular applications or the results obtained there from. Crane Materials International is a Crane Building Products® company. ShoreGuard®, The ShoreGuard Seawall System™, C-Loc®, TimberGuard®, GeoGuard®, Dura Dock®, Shore-All®, GatorGates®, GatorDock Elite™, ArmorWare™, ArmorRod™, Box Profile™, UltraComposite™, Elite Wall™, Elite Panel™, Elite Fascia Panel™, Flat Panel™, XCR™, XCR Technology™, XCR Vinyl™, GatorBridge™, Gator Aluminum™, Gator Sheet Piling™, GatorDock™, I-Beam Lock™, Textured Slate™, Crane Materials International™ logo, CMI Sheet Piling Solutions™, Aqua Terra System™, Endurance™, Endurance CSPTM, Palaris™, Eclipse™, GridSpine™, 21 Poly™, PileClaw™, SheerScape™, SheerScape Retaining Wall Systems™, Sheer Panel™ and CMI Waterfront Solutions™ are trademarks, service marks or trade names of Crane Materials International. United States and International Patent numbers 4,674,921; 4,690,588; 5,292,208; 5,145,287; 6,000,883; 6,033,155; 6,053,666; D420,154; 6,575,667; 7,059,807; 7,056,066; 7,025,539; 7,393,482; 5,503,503; 5,803,672; 6,231,271; 1,245,061CA and other patents pending. © 2011 Crane Materials International. All Rights Reserved.