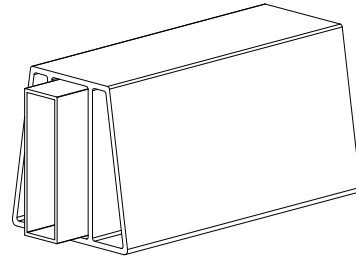




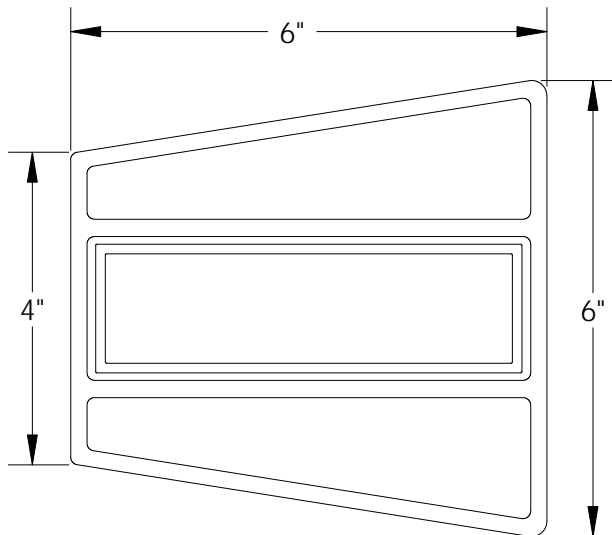
GG-6 STR Wale



Drawn: JAB Date: 06/18/09

Max Allowable Deflection	L/90	
Max Allowable Point Load*	15,000 lb	66,723 N
Apparent Modulus	3.5×10^6 psi	24,115 Mpa
Moment of Inertia (I)	39 in^4	$1,623 \text{ cm}^4$
Material	UltraComposite FRP	
Compatibility	AW 2.5" x 0.75" Rod Kit, AW 2.9" x 1" Rod Kit	
Recommended Accessories	90° Corner Brace, 45° & 90° GG-6 Corner Insert, Beveled PVC Washer, 4" Nylon Plate Washer	
Standard Colors	Charcoal	
Standard Packaging	20ft GG-6 Wale, 20ft Structural Insert, SS Fasteners	

* when used with 4" x 4" washer



Span (L) (ft)	Max Allowable Uniform Load (Point Load)	Deflection Allowable Uniform Load (lbs/ft)			
		L/90	L/180	L/240	L/360
4	3,750	----	----	----	3,160
5	3,000	----	----	----	1,618
6	2,500	----	----	1,404	936
7	2,143	----	1,179	884	590
8	1,875	----	790	592	395
9	1,667	1,110	555	416	277
10	1,500	809	404	303	202
11	1,364	608	304	228	152
12	1,250	468	234	176	117
13	1,154	368	184	138	92
14	1,071	295	147	111	74
15	1,000	240	120	90	60

Physical properties are defined by ASTM testing standards, The Aluminum Association Design Manual, 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. ShoreGuard, C-Loc, TimberGuard, GeoGuard, Dura Dock, Shore-All, and Gator Gates are registered trademarks of Crane Materials International. ArmorWare, Ultra Composite, GatorDocks, GatorBridge and CMI Waterfront Solutions are trademarks of Crane Materials International. United States and International Patent numbers 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; Other patents pending. © 2009 Crane Materials International. All Rights Reserved.