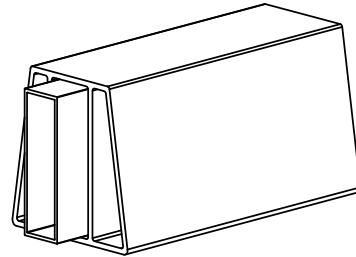
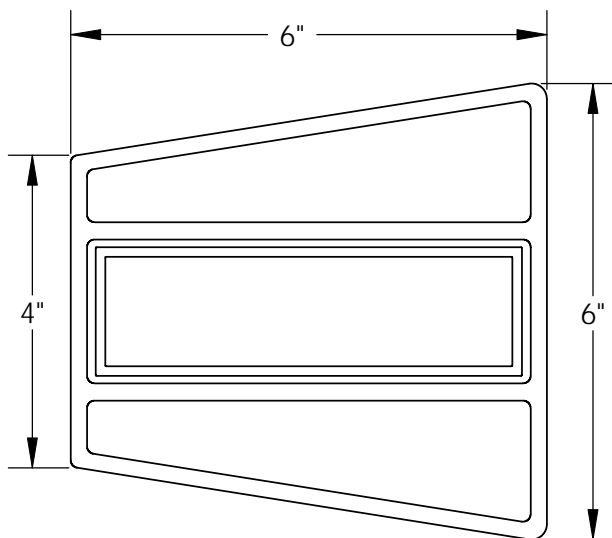


# UC-6 STR Wale



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