



STRONGBACK SIZES		
L	WT(LB)	PART No.
1'	37	
2'	54	
4'	86	
6'	119	
8'	152	
10'	185	
12'	218	

STRUCTURAL PROPERTIES	
A	4.8in <sup>2</sup>
E	29x10 <sup>6</sup> lb/in <sup>2</sup>
Fy	40ksi
Ixx	26.2in <sup>4</sup>
Sxx	4.76in <sup>3</sup>
Rxx	2.34in
Iyy	23.29in <sup>4</sup>
Syy	6.57in <sup>3</sup>
Ryy	2.21in
M <sub>xx</sub>	17.5 k-ft
M <sub>yy</sub>	13.1 k-ft

APPLICATION GUIDE
<b>1050 PSF FORM PRESSURE</b> [7' FULL LIQUID HEAD (or) 7'/HR POUR RATE @ 70deg F WITH 4" SLUMP] ***** 3/4" PLY SKIN; 4x6 WALERS (DF #1 OR BETTER) @ 12" oc; WADCO STRONGBACKS @ MAX. 4' oc; 1" COIL TIE @ 6' oc
<b>1200 PSF FORM PRESSURE</b> [8' FULL LIQUID HEAD (or) 10'/HR POUR RATE @ 70deg F WITH 4" SLUMP] ***** 3/4" PLY SKIN; 6 1/2" AL. BEAM @ 12" oc; WADCO STRONGBACKS @ MAX. 6' oc; 1" COIL TIE @ 4' oc

ADDITIONAL ENGINEERING ASSISTANCE IS AVAILABLE ON REQUEST.



2625 SOUTH WILLOW AVE.  
 BLOOMINGTON, CA. 92316  
 TEL: (909)874-7800  
 FAX: (909)874-8046

INDUSTRIES, INC.

SYSTEM: STRONGBACKS  
 DESCRIPTION: STRONGBACK: DBL 6" CHANNEL

DRAWN: DJG DATE: 1/10/03

REV DATE:

PART No:  
 SB-6

PAGE No:

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