

# HOLLOW-CORE SLABS

Fig. 3.3.2 Section properties

Flexicore

Trade name: Flexicore®  
 Licensing Organization: The Flexicore Co. Inc., Dayton, Ohio

2' - 0" x 8"				2' - 0" x 8" with 2" Topping		
Area (sq in.)	y <sub>b</sub> (in.)	I (in. <sup>4</sup> )	Weight (psf)	y <sub>b</sub> (in.)	Mom. of Inertia (in. <sup>4</sup> )	Weight (psf)
110	4.00	843	57	5.26	1547	82
1' - 8" x 10"				1' - 8" x 10" with 2" Topping		
Area (sq in.)	y <sub>b</sub> (in.)	I (in. <sup>4</sup> )	Weight (psf)	y <sub>b</sub> (in.)	Mom. of Inertia (in. <sup>4</sup> )	Weight (psf)
98	5.00	1254	61	6.43	2109	86
2' - 0" x 10"				2' - 0" x 10" with 2" Topping		
Area (sq in.)	y <sub>b</sub> (in.)	I (in. <sup>4</sup> )	Weight (psf)	y <sub>b</sub> (in.)	Mom. of Inertia (in. <sup>4</sup> )	Weight (psf)
138	5.00	1587	72	6.27	2651	97
2' - 0" x 12"				2' - 0" x 12" with 2" Topping		
Area (sq in.)	y <sub>b</sub> (in.)	I (in. <sup>4</sup> )	Weight (psf)	y <sub>b</sub> (in.)	Mom. of Inertia (in. <sup>4</sup> )	Weight (psf)
141	6.00	2599	74	7.37	4048	99
Note: All sections not available from all producers. Check availability with local manufacturers.						