
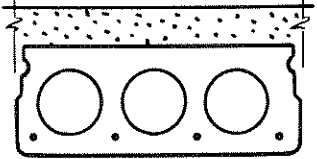

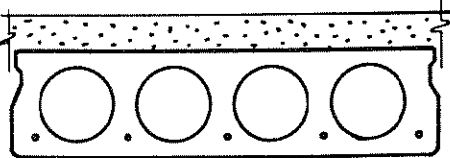
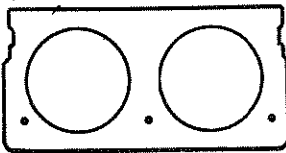
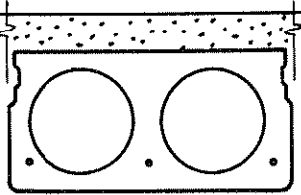


HOLLOW-CORE SLABS

Fig. 2.4.3 Section properties — normal weight concrete

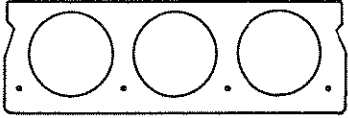
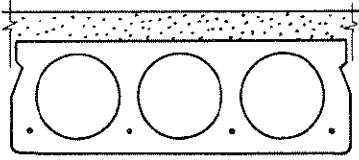
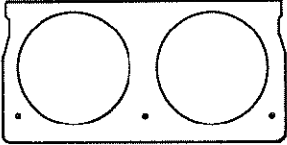
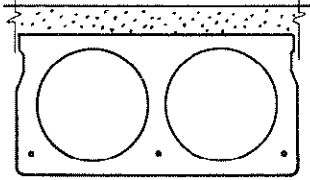
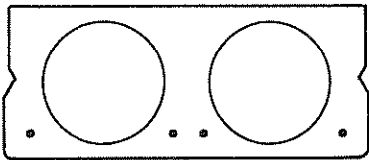
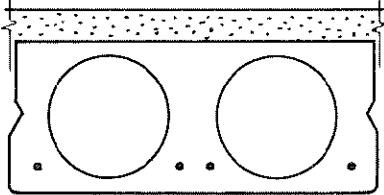
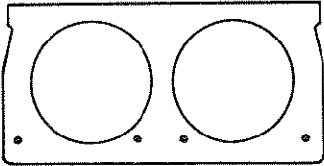
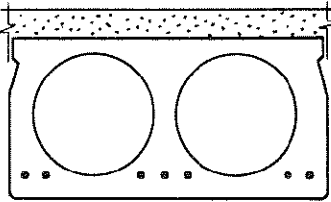
Flexicore

Trade name: Flexicore® Licensing Organization: The Flexicore Co. Inc., Dayton, Ohio						
1' - 4" x 6" 				1' - 4" x 6" with 2" Topping 		
Area (sq in.)	y_b (in.)	I (in. ⁴)	Weight (psf)	y_b (in.)	Mom. of Inertia (in. ⁴)	Weight (psf)
55	3.00	243	43	4.23	523	68
2' - 0" x 6" 				2' - 0" x 6" with 2" Topping 		
Area (sq in.)	y_b (in.)	I (in. ⁴)	Weight (psf)	y_b (in.)	Mom. of Inertia (in. ⁴)	Weight (psf)
86	3.00	366	45	4.20	793	70
1' - 4" x 8" 				1' - 4" x 8" with 2" Topping 		
Area (sq in.)	y_b (in.)	I (in. ⁴)	Weight (psf)	y_b (in.)	Mom. of Inertia (in. ⁴)	Weight (psf)
73	4.00	560	57	5.26	1028	82
Note: All sections not available from all producers. Check availability with local manufacturers.						

HOLLOW-CORE SLABS

Fig. 2.4.3 Section properties – normal weight concrete

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 _b (in.)	I (in. ⁴)	Weight (psf)	y _b (in.)	Mom. of Inertia (in. ⁴)	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 _b (in.)	I (in. ⁴)	Weight (psf)	y _b (in.)	Mom. of Inertia (in. ⁴)	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 _b (in.)	I (in. ⁴)	Weight (psf)	y _b (in.)	Mom. of Inertia (in. ⁴)	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 _b (in.)	I (in. ⁴)	Weight (psf)	y _b (in.)	Mom. of Inertia (in. ⁴)	Weight (psf)
141	6.00	2595	73	7.46	4049	98

Note: All sections not available from all producers. Check availability with local manufacturers.