

# HOLLOW-CORE SLABS

Fig. 3.3.4 Section properties

Span-Deck

Trade name: Span-Deck® Licensing Organization: Span-Deck, Incorporated, Franklin, Tennessee						
8' - 0" x 8" Textured Soffit  				8' - 0" x 8" Textured Soffit with 2" Topping  		
Area (sq in.)	$y_b$ (in.)	$I$ (in. <sup>4</sup> )	Weight (psf)	$y_b$ (in.)	Mom. of Inertia (in. <sup>4</sup> )	Weight (psf)
284	4.71	2088	45	6.18	3934	70
8' - 0" x 8" Smooth Soffit  				8' - 0" x 8" Smooth Soffit with 2" Topping  		
Area (sq in.)	$y_b$ (in.)	$I$ (in. <sup>4</sup> )	Weight (psf)	$y_b$ (in.)	Mom. of Inertia (in. <sup>4</sup> )	Weight (psf)
349	3.90	3063	47	5.42	5825	72
8' - 0" x 12" Textured Soffit  				8' - 0" x 12" Textured Soffit with 2" Topping  		
Area (sq in.)	$y_b$ (in.)	$I$ (in. <sup>4</sup> )	Weight (psf)	$y_b$ (in.)	Mom. of Inertia (in. <sup>4</sup> )	Weight (psf)
350	6.84	6135	54	8.68	10,145	78
8' - 0" x 12" Smooth Soffit  				8' - 0" x 12" Smooth Soffit with 2" Topping  		
Area (sq in.)	$y_b$ (in.)	$I$ (in. <sup>4</sup> )	Weight (psf)	$y_b$ (in.)	Mom. of Inertia (in. <sup>4</sup> )	Weight (psf)
415	5.82	8419	56	7.71	14,113	80
Note: All sections not available from all producers. Check availability with local manufacturers. 6" and 10" depths are of similar configuration.						