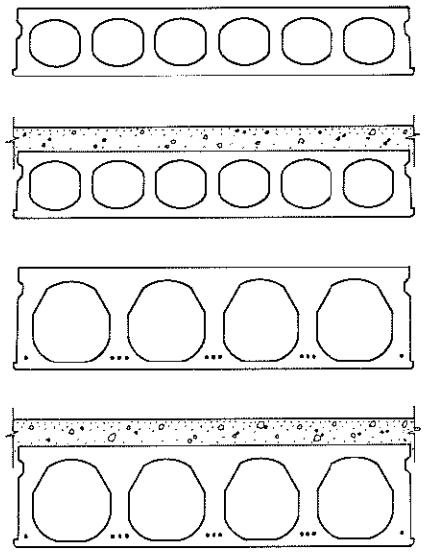
HOLLOW-CORE SLABS

Fig. 2.4.1 Section properties — normal weight concrete **Dy-Core**

Trade name: Dy-Core®
Licensing Organization: Dy-Core Systems, Inc., Vancouver, British Columbia

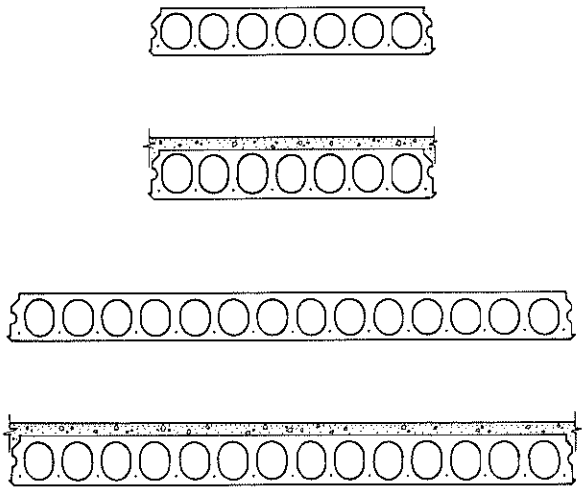


Section width × depth	Untopped A in.²	Untopped Y_b in.	Untopped I in.⁴	Untopped wt psf	with 2″topping Y_b in.	with 2″topping I in.⁴	with 2″topping wt psf
4′-0″ x 6″	142	3.05	661	37	4.45	1475	62
4′-0″ x 8″	193	3.97	1581	50	5.43	3017	75
4′-0″ x 10″	215	5.40	2783	56	6.89	4614	81
4′-0″ x 12″	264	6.37	4773	69	7.89	9313	94
4′-0″ x 15″	289	7.37	8604	76	9.21	13,225	101

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

Fig. 2.4.2 Section properties — normal weight concrete **Dynaspan**

Trade name: Dynaspan®
Equipment Manufacturers: Dynamold Corporation, Salina, Kansas



Section width × depth	Untopped A in.²	Untopped Y_b in.	Untopped I in.⁴	Untopped wt psf	with 2″topping Y_b in.	with 2″topping I in.⁴	with 2″topping wt psf
4′-0″ x 4″	133	2.00	235	35	3.08	689	60
4′-0″ x 6″	165	3.02	706	43	4.25	1543	68
4′-0″ x 8″	233	3.93	1731	61	5.16	3205	86
4′-0″ x 10″	260	4.91	3145	68	6.26	5314	93
8′-0″ x 6″	338	3.05	1445	44	4.26	3106	69
8′-0″ x 8″	470	3.96	3525	61	5.17	6444	86
8′-0″ x 10″	532	4.96	6422	69	6.28	10712	94
8′-0″ x 12″	615	5.95	10505	80	7.32	16507	105

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