

HOLLOW-CORE SLABS

Fig. 2.4.4 Section properties — normal weight concrete

Spancrete

Trade name: Spancrete®

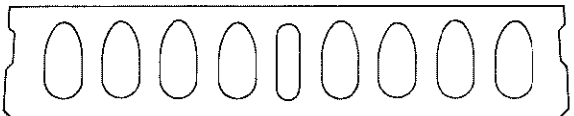
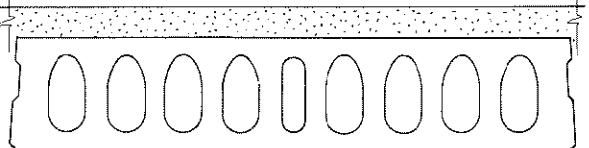
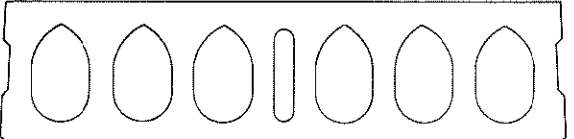
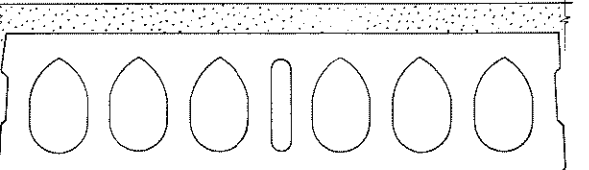
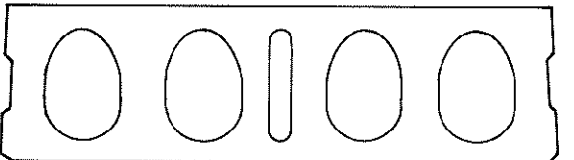
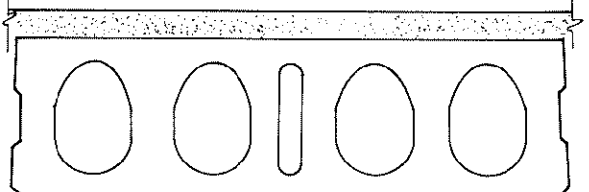
Licensing Organization: Spancrete Industries, Inc., Waukesha, Wisconsin

| 3' - 4" x 4" | | | | 3' - 4" x 4" with 2" Topping | | |
|---|----------------------|-----------------------|--------------|------------------------------|-------------------------------------|--------------|
| Area (sq in.) | y _b (in.) | I (in. ⁴) | Weight (psf) | y _b (in.) | Mom. of Inertia (in. ⁴) | Weight (psf) |
| 119 | 2.01 | 199 | 37 | 3.20 | 659 | 62 |
| 3' - 4" x 6" | | | | 3' - 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) |
| 160 | 2.92 | 635 | 50 | 4.28 | 1585 | 75 |
| Note: All sections not available from all producers. Check availability with local manufacturers. | | | | | | |

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| Trade name: Spancrete® Licensing Organization: Spancrete Industries, Inc., Waukesha, Wisconsin | | | | | | |
|--|----------------------|-----------------------|--------------|--|-------------------------------------|--------------|
| 3' - 4" x 8" | | | | 3' - 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) |
| 218 | 3.98 | 1515 | 68 | 5.33 | 3000 | 93 |
| 3' - 4" x 10" | | | | 3' - 4" 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) |
| 257 | 5.19 | 2933 | 80 | 6.56 | 5015 | 105 |
| 3' - 4" x 12" | | | | 3' - 4" 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) |
| 325 | 6.20 | 4981 | 102 | 7.54 | 7976 | 127 |
| Note: All sections not available from all producers. Check availability with local manufacturers. | | | | | | |