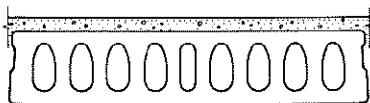
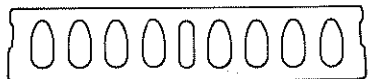


Fig. 2.4.4 Section properties — normal weight concrete

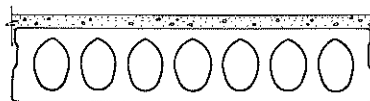
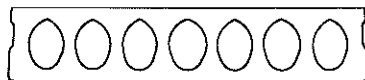
Spancrete

Trade name: Spancrete®

Licensing Organization: Spancrete Machinery Corp., Milwaukee, Wisconsin



Trade name: Ultralight Spancrete®



| Section width × depth | Untopped | | | | with 2" topping | | |
|--------------------------------|-----------------------|-----------------------|-----------------------|-----------|-----------------------|-----------------------|-----------|
| | A in. ² | Y _b in. | I in. ⁴ | wt psf | Y _b in. | I in. ⁴ | wt psf |
| 3'-4" x 4" | 119 | 1.99 | 199 | 37 | 3.20 | 659 | 62 |
| 3'-4" x 6" | 160 | 2.92 | 635 | 50 | 4.28 | 1585 | 75 |
| 3'-4" x 8" | 218 | 3.98 | 1515 | 68 | 5.33 | 3000 | 93 |
| 3'-4" x 10" | 257 | 5.19 | 2933 | 80 | 6.56 | 5015 | 105 |
| 3'-4" x 12" | 325 | 6.20 | 4981 | 102 | 7.54 | 7976 | 127 |

| | | | | | | | |
|-------------|-----|------|------|----|------|------|-----|
| 3'-4" x 8" | 204 | 4.18 | 1438 | 64 | 5.42 | 2684 | 89 |
| 3'-4" x 10" | 228 | 5.22 | 2641 | 71 | 6.59 | 4466 | 96 |
| 3'-4" x 12" | 254 | 6.26 | 4307 | 79 | 7.73 | 6839 | 104 |

Note: Spancrete is also available in 48" and 60" widths. All sections are not available from all producers. Check availability with local manufacturer.