HOLLOW-CORE SLABS

Figure 2.5.5 Section Properties – Normal Weight Concrete

Span Deck

Trade Name: Span Deck ® Licensing Organization: Fabcon, Incorporated, Savage, Minnesota Untopped With 2 in. topping Section width wt wt Α уb yь in.² in.4 in.⁴ psf in. psf depth 4'-0" x 8" 246 3.75 1,615 62 5.55 2,791 87 4'-0" x 12" 298 5.87 5,452 8.01 7,856 75 100 8'-0" x 8" 477 3.73 3,236 5.53 5,643 60 85 578 7.98 8'-0" x 12" 5.86 10,909 15,709 97

Note: All sections are not available from all producers. Section properties and weights may vary with producer. Check availability with local manufacturers.

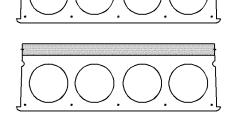
Figure 2.5.6 Section Properties – Normal Weight Concrete

Ultra Span

Trade Name: Ultra Span ® Licensing Organization: Ultra Span Technologies Inc., Winnipeg, Manitoba, Canada







| Section | Untopped | | | | With 2 in. topping | | |
|---------------------|-----------|-----------------------|-----------------------|-----------|--------------------|-----------------------|-----------|
| width x depth | A in.² | у _ь in. | l in. ⁴ | wt psf | y₅ in. | l in. ⁴ | wt psf |
| 4'-0" x 4" | 154 | 2.00 | 247 | 40 | 2.98 | 723 | 65 |
| 4'-0" x 6" | 188 | 3.00 | 764 | 49 | 4.13 | 1,641 | 74 |
| 4'-0" x 8" | 214 | 4.00 | 1,666 | 56 | 5.29 | 3,070 | 81 |
| 4'-0" x 10" | 259 | 5.00 | 3,223 | 67 | 6.34 | 5,328 | 92 |
| 4'-0" x 12" | 289 | 6.00 | 5,272 | 75 | 7.43 | 8,195 | 100 |

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