3.7 Hollow-Core Section Properties

Trade name Dynaspan

Equipment Manufacturer: Dynamold Corporation, Salina, Kansas









| Section | Untopped | | | with 2" topping | | | |
|---------------|-----------|-----------------------|-----------|-----------------|------------------------|---------------------------|--------------|
| depth x width | A in.² | y _δ in. | / in.4 | wt lb/ft² | y _{cb} in. | <i>I_c</i> in.⁴ | wt lb/ft² |
| 4" x 4'-0" | 133 | 2.00 | 235 | 35 | 3.08 | 689 | 60 |
| 6" x 4'-0" | 165 | 3.02 | 706 | 43 | 4.25 | 1543 | 68 |
| 8" x 4'-0" | 233 | 3.93 | 1731 | 61 | 5.16 | 3205 | 86 |
| 10" x 4'-0" | 260 | 4.91 | 3145 | 68 | 6.26 | 5314 | 93 |
| 12" x 4'-0" | 308 | 5.89 | 5215 | 80 | 7.58 | 8947 | 105 |

| 6" x 8'-0" | 338 | 3.05 | 1445 | 44 | 4.26 | 3106 | 69 |
|-------------|-----|------|-------|----|------|-------|-----|
| 8" x 8'-0" | 470 | 3.96 | 3525 | 61 | 5.17 | 6444 | 86 |
| 10" x 8'-0" | 532 | 4.96 | 6422 | 69 | 6.28 | 10712 | 94 |
| 12" x 8'-0" | 615 | 5.95 | 10505 | 80 | 7.32 | 16507 | 105 |

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