

3W Composite Floor

Allowable Superimposed Load (kPa) & Diaphragm Shear Capacity (kN/m) Normal Weight Concrete (2400 kg/m³)

| 3W | THK | No. Spans | Span (m) | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------------|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | 2.45 | 2.60 | 2.75 | 2.90 | 3.05 | 3.20 | 3.35 | 3.50 | 3.65 | 3.80 | 3.95 | 4.10 | 4.25 | 4.40 | 4.55 | |
| (Total Slab Thickness) 125 mm | 0.75 mm | 1 | 11.9 | 10.9 | 10.0 | 7.6 | 6.8 | 6.3 | 5.7 | 5.3 | 4.8 | 4.4 | 4.1 | 3.7 | 3.4 | 3.2 | 2.9 | |
| | | 2 | 11.9 | 10.9 | 10.0 | 9.2 | 8.5 | 6.3 | 5.7 | 5.3 | 4.8 | 4.4 | 4.1 | 3.7 | 3.4 | 3.2 | 2.9 | |
| | | 3 | 11.9 | 10.9 | 10.0 | 9.2 | 8.5 | 7.6 | 6.8 | 5.3 | 4.8 | 4.4 | 4.1 | 3.7 | 3.4 | 3.2 | 2.9 | |
| | 0.90 mm | q3 | 23.9 | 23.8 | 23.6 | 23.5 | 23.3 | 23.2 | 23.1 | 23.0 | 22.9 | 22.8 | 22.8 | 22.7 | 22.6 | 22.6 | 22.5 | |
| | | q4 | 25.3 | 25.0 | 24.7 | 24.4 | 24.2 | 24.0 | 23.8 | 23.6 | 23.5 | 23.3 | 23.2 | 23.1 | 22.9 | 22.8 | 22.8 | |
| | | 1 | 13.6 | 12.4 | 11.4 | 10.4 | 9.4 | 7.3 | 6.7 | 6.2 | 5.7 | 5.2 | 4.8 | 4.5 | 4.2 | 3.8 | 3.5 | |
| (Slab Wt): 2.08 kPa | 1.20 mm | 2 | 13.6 | 12.4 | 11.4 | 10.4 | 9.7 | 9.0 | 8.4 | 6.2 | 5.7 | 5.2 | 4.8 | 4.5 | 4.2 | 3.8 | 3.5 | |
| | | 3 | 13.6 | 12.4 | 11.4 | 10.4 | 9.7 | 9.0 | 8.4 | 7.5 | 6.8 | 6.0 | 4.8 | 4.5 | 4.2 | 3.8 | 3.5 | |
| | | q3 | 23.9 | 23.7 | 23.5 | 23.4 | 23.2 | 23.1 | 23.0 | 22.8 | 22.7 | 22.6 | 22.5 | 22.5 | 22.4 | 22.3 | 22.2 | |
| | 1.50 mm | q4 | 25.9 | 25.5 | 25.2 | 24.9 | 24.6 | 24.3 | 24.1 | 23.9 | 23.7 | 23.5 | 23.4 | 23.2 | 23.1 | 23.0 | 22.8 | |
| | | 1 | 16.5 | 15.1 | 13.8 | 12.8 | 11.8 | 11.0 | 10.3 | 9.2 | 7.9 | 6.8 | 6.3 | 5.8 | 5.4 | 5.0 | 4.7 | |
| | | 2 | 16.5 | 15.1 | 13.8 | 12.8 | 11.8 | 11.0 | 10.3 | 9.6 | 9.0 | 8.5 | 7.7 | 5.8 | 5.4 | 5.0 | 4.7 | |
| (Total Slab Thickness) 140 mm | 0.75 mm | 3 | 16.5 | 15.1 | 13.8 | 12.8 | 11.8 | 11.0 | 10.3 | 9.6 | 9.0 | 8.5 | 7.7 | 6.9 | 6.3 | 5.0 | 4.7 | |
| | | q3 | 24.4 | 24.1 | 23.8 | 23.6 | 23.4 | 23.2 | 23.0 | 22.9 | 22.7 | 22.6 | 22.5 | 22.4 | 22.3 | 22.2 | 22.1 | |
| | | q4 | 27.4 | 26.9 | 26.5 | 26.0 | 25.7 | 25.3 | 25.0 | 24.8 | 24.5 | 24.3 | 24.1 | 23.9 | 23.7 | 23.5 | 23.3 | |
| | 0.90 mm | 1 | 19.3 | 17.6 | 16.2 | 14.9 | 13.8 | 12.5 | 11.2 | 10.0 | 9.1 | 8.1 | 7.3 | 6.8 | 6.3 | 5.7 | 5.2 | |
| | | 2 | 19.3 | 17.6 | 16.2 | 14.9 | 13.8 | 12.5 | 11.2 | 10.0 | 9.1 | 8.1 | 7.3 | 6.8 | 6.1 | 5.6 | 5.2 | |
| | | 3 | 19.3 | 17.6 | 16.2 | 14.9 | 13.8 | 12.5 | 11.2 | 10.0 | 9.1 | 8.1 | 7.3 | 6.8 | 6.1 | 5.6 | 5.0 | |
| (Slab Wt): 2.44 kPa | 1.20 mm | q3 | 25.0 | 24.7 | 24.4 | 24.1 | 23.8 | 23.6 | 23.4 | 23.2 | 23.0 | 22.8 | 22.7 | 22.5 | 22.4 | 22.3 | 22.2 | |
| | | q4 | 29.2 | 28.6 | 28.0 | 27.5 | 27.0 | 26.6 | 26.2 | 25.9 | 25.5 | 25.2 | 25.0 | 24.7 | 24.5 | 24.3 | 24.1 | |
| | | 1 | 13.1 | 11.9 | 9.1 | 8.2 | 7.4 | 6.8 | 6.2 | 5.7 | 5.2 | 4.8 | 4.4 | 4.0 | 3.7 | 3.4 | 3.2 | |
| | (Total Slab Thickness) 140 mm | 0.75 mm | 2 | 13.1 | 11.9 | 11.0 | 10.1 | 7.4 | 6.8 | 6.2 | 5.7 | 5.2 | 4.8 | 4.4 | 4.0 | 3.7 | 3.4 | 3.2 |
| | | | 3 | 13.1 | 11.9 | 11.0 | 10.1 | 9.3 | 8.7 | 6.2 | 5.7 | 5.2 | 4.8 | 4.4 | 4.0 | 3.7 | 3.4 | 3.2 |
| | | | q3 | 27.5 | 27.3 | 27.1 | 27.0 | 26.9 | 26.8 | 26.7 | 26.6 | 26.5 | 26.4 | 26.3 | 26.3 | 26.2 | 26.1 | 26.1 |
| 0.90 mm | | q4 | 28.8 | 28.5 | 28.2 | 28.0 | 27.8 | 27.6 | 27.4 | 27.2 | 27.0 | 26.9 | 26.8 | 26.6 | 26.5 | 26.4 | 26.3 | |
| | | 1 | 14.8 | 13.5 | 12.4 | 11.4 | 8.7 | 7.9 | 7.2 | 6.7 | 6.1 | 5.7 | 5.2 | 4.8 | 4.5 | 4.1 | 3.8 | |
| | | 2 | 14.8 | 13.5 | 12.4 | 11.4 | 10.6 | 9.8 | 7.2 | 6.7 | 6.1 | 5.7 | 5.2 | 4.8 | 4.5 | 4.1 | 3.8 | |
| (Slab Wt): 2.44 kPa | 1.20 mm | 3 | 14.8 | 13.5 | 12.4 | 11.4 | 10.6 | 9.8 | 9.2 | 8.6 | 7.7 | 5.7 | 5.2 | 4.8 | 4.5 | 4.1 | 3.8 | |
| | | q3 | 27.5 | 27.3 | 27.1 | 26.9 | 26.8 | 26.6 | 26.5 | 26.4 | 26.3 | 26.1 | 26.1 | 26.0 | 26.0 | 25.9 | 25.8 | |
| | | q4 | 29.5 | 29.1 | 28.7 | 28.4 | 28.1 | 27.9 | 27.7 | 27.5 | 27.3 | 27.1 | 26.9 | 26.8 | 26.7 | 26.5 | 26.4 | |
| | 1.50 mm | 1 | 18.0 | 16.4 | 15.1 | 13.9 | 12.9 | 12.0 | 11.2 | 9.8 | 8.2 | 7.2 | 6.7 | 6.2 | 5.8 | 5.4 | 5.0 | |
| | | 2 | 18.0 | 16.4 | 15.1 | 13.9 | 12.9 | 12.0 | 11.2 | 10.4 | 9.8 | 9.2 | 6.7 | 6.2 | 5.8 | 5.4 | 5.0 | |
| | | 3 | 18.0 | 16.4 | 15.1 | 13.9 | 12.9 | 12.0 | 11.2 | 10.4 | 9.8 | 9.2 | 8.7 | 8.0 | 5.8 | 5.4 | 5.0 | |
| (Total Slab Thickness) 140 mm | 0.75 mm | q3 | 27.9 | 27.6 | 27.4 | 27.1 | 26.9 | 26.8 | 26.6 | 26.4 | 26.3 | 26.2 | 26.0 | 25.9 | 25.8 | 25.7 | 25.6 | |
| | | q4 | 31.0 | 30.5 | 30.0 | 29.6 | 29.2 | 28.9 | 28.6 | 28.3 | 28.1 | 27.8 | 27.6 | 27.4 | 27.2 | 27.1 | 26.9 | |
| | | 1 | 20.9 | 19.1 | 17.5 | 16.2 | 15.0 | 13.9 | 13.0 | 12.1 | 11.4 | 10.4 | 8.1 | 7.6 | 7.0 | 6.6 | 6.2 | |
| | 1.50 mm | 2 | 20.9 | 19.1 | 17.5 | 16.2 | 15.0 | 13.9 | 13.0 | 12.1 | 11.4 | 10.7 | 10.1 | 9.5 | 7.0 | 6.6 | 6.2 | |
| | | 3 | 20.9 | 19.1 | 17.5 | 16.2 | 15.0 | 13.9 | 13.0 | 12.1 | 11.4 | 10.7 | 10.1 | 9.5 | 9.1 | 8.6 | 7.9 | |
| | | q3 | 28.6 | 28.2 | 27.9 | 27.6 | 27.4 | 27.1 | 26.9 | 26.7 | 26.6 | 26.4 | 26.3 | 26.1 | 26.0 | 25.9 | 25.7 | |
| (Total Slab Thickness) 140 mm | 0.75 mm | q4 | 32.8 | 32.1 | 31.5 | 31.0 | 30.6 | 30.1 | 29.8 | 29.4 | 29.1 | 28.8 | 28.5 | 28.3 | 28.0 | 27.8 | 27.6 | |

1. In shaded areas to the right of the heavy line, mid-span deck shoring required during construction.
 2. q3 and q4 : "q" = allowable diaphragm shear (kN/m) : "3", "4" = number of welds of support

3W Composite Floor

Allowable Superimposed Load (kPa) & Diaphragm Shear Capacity (kN/m) Normal Weight Concrete (2400 kg/m³)

| 3W | THK | No. Spans | Span (m) | | | | | | | | | | | | | | |
|-------------------------------|---------|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | 2.45 | 2.60 | 2.75 | 2.90 | 3.05 | 3.20 | 3.35 | 3.50 | 3.65 | 3.80 | 3.95 | 4.10 | 4.25 | 4.40 | 4.55 |
| (Total Slab Thickness) 165 mm | 0.75 mm | 1 | 15.6 | 11.8 | 10.7 | 9.7 | 8.8 | 8.0 | 7.3 | 6.7 | 6.1 | 5.6 | 5.1 | 4.7 | 4.4 | 4.0 | 3.7 |
| | | 2 | 15.6 | 14.2 | 13.0 | 9.7 | 8.8 | 8.0 | 7.3 | 6.7 | 6.1 | 5.6 | 5.1 | 4.7 | 4.4 | 4.0 | 3.7 |
| | | 3 | 15.6 | 14.2 | 13.0 | 12.0 | 8.8 | 8.0 | 7.3 | 6.7 | 6.1 | 5.6 | 5.1 | 4.7 | 4.4 | 4.0 | 3.7 |
| | | q3 | 34.6 | 34.4 | 34.3 | 34.3 | 34.1 | 34.0 | 33.9 | 33.8 | 33.7 | 33.6 | 33.5 | 33.4 | 33.3 | 33.3 | 33.2 |
| | | q4 | 36.0 | 35.6 | 35.3 | 35.1 | 34.9 | 34.7 | 34.5 | 34.3 | 34.2 | 34.0 | 33.9 | 33.7 | 33.6 | 33.5 | 33.4 |
| | 0.90 mm | 1 | 17.6 | 16.0 | 14.7 | 11.2 | 10.2 | 9.3 | 8.5 | 7.8 | 7.2 | 6.6 | 6.1 | 5.6 | 5.2 | 4.8 | 4.5 |
| | | 2 | 17.6 | 16.0 | 14.7 | 13.6 | 12.5 | 9.3 | 8.5 | 7.8 | 7.2 | 6.6 | 6.1 | 5.6 | 5.2 | 4.8 | 4.5 |
| | | 3 | 17.6 | 16.0 | 14.7 | 13.6 | 12.5 | 11.7 | 10.9 | 7.8 | 7.2 | 6.6 | 6.1 | 5.6 | 5.2 | 4.8 | 4.5 |
| | | q3 | 34.6 | 34.4 | 34.2 | 34.1 | 33.9 | 33.8 | 33.6 | 33.5 | 33.4 | 33.3 | 33.2 | 33.2 | 33.1 | 33.0 | 32.9 |
| | | q4 | 36.6 | 36.2 | 35.8 | 35.6 | 35.3 | 35.0 | 34.8 | 34.6 | 34.4 | 34.2 | 34.1 | 33.9 | 33.8 | 33.6 | 33.5 |
| (Slab Wt): 3.04 kPa | 1.20 mm | 1 | 21.2 | 19.4 | 17.8 | 16.4 | 15.2 | 14.1 | 12.6 | 9.9 | 9.1 | 8.5 | 7.9 | 7.3 | 6.8 | 6.3 | 5.8 |
| | | 2 | 21.2 | 19.4 | 17.8 | 16.4 | 15.2 | 14.1 | 12.6 | 13.2 | 12.3 | 8.5 | 7.9 | 7.3 | 6.8 | 6.3 | 5.8 |
| | | 3 | 21.2 | 19.4 | 17.8 | 16.4 | 15.2 | 14.1 | 12.6 | 13.2 | 12.3 | 11.5 | 10.9 | 7.3 | 6.8 | 6.3 | 5.8 |
| | | q3 | 35.0 | 34.8 | 34.5 | 34.3 | 34.1 | 33.9 | 33.7 | 33.6 | 33.4 | 33.3 | 33.2 | 33.1 | 33.0 | 32.9 | 32.8 |
| | | q4 | 38.1 | 37.6 | 37.1 | 36.7 | 36.4 | 36.0 | 35.7 | 35.4 | 35.2 | 35.0 | 34.7 | 34.5 | 34.4 | 34.2 | 34.0 |
| | 1.50 mm | 1 | 24.6 | 22.5 | 20.6 | 19.0 | 17.6 | 16.4 | 15.3 | 14.3 | 13.3 | 10.2 | 9.4 | 8.8 | 8.2 | 7.6 | 7.1 |
| | | 2 | 24.6 | 22.5 | 20.6 | 19.0 | 17.6 | 16.4 | 15.3 | 14.3 | 13.3 | 12.6 | 11.9 | 8.8 | 8.2 | 7.6 | 7.1 |
| | | 3 | 24.6 | 22.5 | 20.6 | 19.0 | 17.6 | 16.4 | 15.3 | 14.3 | 13.3 | 12.6 | 11.9 | 11.2 | 10.6 | 7.6 | 7.1 |
| | | q3 | 35.7 | 35.4 | 35.0 | 34.8 | 34.5 | 34.3 | 34.1 | 33.9 | 33.7 | 33.5 | 33.4 | 33.2 | 33.1 | 33.0 | 32.9 |
| | | q4 | 39.9 | 39.2 | 38.7 | 38.2 | 37.7 | 37.3 | 36.9 | 36.5 | 36.2 | 35.9 | 35.7 | 35.4 | 35.2 | 35.0 | 34.7 |

| 3W | THK | No. Spans | Span (m) | | | | | | | | | | | | | | |
|-------------------------------|---------|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | 2.45 | 2.60 | 2.75 | 2.90 | 3.05 | 3.20 | 3.35 | 3.50 | 3.65 | 3.80 | 3.95 | 4.10 | 4.25 | 4.40 | 4.55 |
| (Total Slab Thickness) 175 mm | 0.75 mm | 1 | 14.3 | 12.8 | 11.5 | 10.4 | 9.5 | 8.6 | 7.9 | 7.2 | 6.6 | 6.0 | 5.5 | 5.1 | 4.6 | 4.3 | 3.9 |
| | | 2 | 16.9 | 15.4 | 11.5 | 10.4 | 9.5 | 8.6 | 7.9 | 7.2 | 6.6 | 6.0 | 5.5 | 5.1 | 4.6 | 4.3 | 3.9 |
| | | 3 | 16.9 | 15.4 | 14.1 | 13.0 | 9.5 | 8.6 | 7.9 | 7.2 | 6.6 | 6.0 | 5.5 | 5.1 | 4.6 | 4.3 | 3.9 |
| | | q3 | 38.2 | 38.0 | 37.8 | 37.7 | 37.6 | 37.5 | 37.4 | 37.3 | 37.2 | 37.1 | 37.0 | 37.0 | 36.9 | 36.8 | 36.8 |
| | | q4 | 39.5 | 39.2 | 38.9 | 38.7 | 38.4 | 38.2 | 38.1 | 37.9 | 37.7 | 37.6 | 37.4 | 37.3 | 37.2 | 37.1 | 37.0 |
| | 0.90 mm | 1 | 19.0 | 17.4 | 13.3 | 12.1 | 11.0 | 10.1 | 9.2 | 8.4 | 7.8 | 7.1 | 6.6 | 6.0 | 5.6 | 5.2 | 4.8 |
| | | 2 | 19.0 | 17.4 | 16.0 | 14.7 | 11.0 | 10.1 | 9.2 | 8.4 | 7.8 | 7.1 | 6.6 | 6.0 | 5.6 | 5.2 | 4.8 |
| | | 3 | 19.0 | 17.4 | 16.0 | 14.7 | 13.6 | 12.6 | 9.2 | 8.4 | 7.8 | 7.1 | 6.6 | 6.0 | 5.6 | 5.2 | 4.8 |
| | | q3 | 38.2 | 38.0 | 37.8 | 37.6 | 37.5 | 37.3 | 37.2 | 37.1 | 37.0 | 36.9 | 36.8 | 36.7 | 36.6 | 36.6 | 36.5 |
| | | q4 | 40.1 | 39.8 | 39.4 | 39.1 | 38.8 | 38.6 | 38.4 | 38.2 | 38.0 | 37.8 | 37.6 | 37.5 | 37.3 | 37.2 | 37.1 |
| (Slab Wt): 3.28 kPa | 1.20 mm | 1 | 23.0 | 21.0 | 19.3 | 17.8 | 16.4 | 15.3 | 11.6 | 10.7 | 9.9 | 9.1 | 8.4 | 7.9 | 7.3 | 6.8 | 6.3 |
| | | 2 | 23.0 | 21.0 | 19.3 | 17.8 | 16.4 | 15.3 | 14.3 | 10.7 | 9.9 | 9.1 | 8.4 | 7.9 | 7.3 | 6.8 | 6.3 |
| | | 3 | 23.0 | 21.0 | 19.3 | 17.8 | 16.4 | 15.3 | 14.3 | 13.3 | 12.5 | 11.8 | 8.4 | 7.9 | 7.3 | 6.8 | 6.3 |
| | | q3 | 38.6 | 38.3 | 38.1 | 37.8 | 37.6 | 37.4 | 37.3 | 37.1 | 37.0 | 36.8 | 36.7 | 36.6 | 36.5 | 36.4 | 36.3 |
| | | q4 | 41.7 | 41.2 | 40.7 | 40.3 | 39.9 | 39.6 | 39.3 | 39.0 | 38.8 | 38.5 | 38.3 | 38.1 | 37.9 | 37.7 | 37.6 |
| | 1.50 mm | 1 | 26.6 | 24.3 | 22.3 | 20.5 | 19.0 | 17.7 | 16.5 | 15.4 | 11.8 | 11.0 | 10.2 | 9.5 | 8.8 | 8.2 | 7.7 |
| | | 2 | 26.6 | 24.3 | 22.3 | 20.5 | 19.0 | 17.7 | 16.5 | 15.4 | 14.5 | 13.6 | 10.2 | 9.5 | 8.8 | 8.2 | 7.7 |
| | | 3 | 26.6 | 24.3 | 22.3 | 20.5 | 19.0 | 17.7 | 16.5 | 15.4 | 14.5 | 13.6 | 12.8 | 12.1 | 8.8 | 8.2 | 7.7 |
| | | q3 | 39.3 | 38.9 | 38.6 | 38.3 | 38.1 | 37.8 | 37.6 | 37.4 | 37.3 | 37.1 | 36.9 | 36.8 | 36.7 | 36.5 | 36.4 |
| | | q4 | 43.5 | 42.8 | 42.2 | 41.7 | 41.3 | 40.8 | 40.5 | 40.1 | 39.8 | 39.5 | 39.2 | 39.0 | 38.7 | 38.5 | 38.3 |

1. In shaded areas to the right of the heavy line, mid-span deck shoring required during construction.
 2. q3 and q4 : "q" = allowable diaphragm shear (kN/m) : "3", "4" = number of welds of support

3W Composite Floor

Allowable Superimposed Load (kPa) & Diaphragm Shear Capacity (kN/m) Normal Weight Concrete (2400 kg/m³)

| 3W | THK | No. Spans | Span (m) | | | | | | | | | | | | | | |
|------------------------|---------|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | 2.45 | 2.60 | 2.75 | 2.90 | 3.05 | 3.20 | 3.35 | 3.50 | 3.65 | 3.80 | 3.95 | 4.10 | 4.25 | 4.40 | 4.55 |
| (Total Slab Thickness) | 0.75 mm | 1 | 15.4 | 13.8 | 12.5 | 11.3 | 10.2 | 9.3 | 8.5 | 7.7 | 7.1 | 6.5 | 5.9 | 5.5 | 5.0 | 4.6 | 4.2 |
| | | 2 | 18.2 | 16.6 | 12.5 | 11.3 | 10.2 | 9.3 | 8.5 | 7.7 | 7.1 | 6.5 | 5.9 | 5.5 | 5.0 | 4.6 | 4.2 |
| | | 3 | 18.2 | 16.6 | 15.3 | 11.3 | 10.2 | 9.3 | 8.5 | 7.7 | 7.1 | 6.5 | 5.9 | 5.5 | 5.0 | 4.6 | 4.2 |
| | | q3 | 41.7 | 41.6 | 41.4 | 41.3 | 41.1 | 41.0 | 40.9 | 40.8 | 40.7 | 40.6 | 40.6 | 40.5 | 40.4 | 40.4 | 40.3 |
| | | q4 | 43.1 | 42.8 | 42.5 | 42.2 | 42.0 | 41.8 | 41.6 | 41.4 | 41.3 | 41.1 | 41.0 | 40.9 | 40.8 | 40.7 | 40.6 |
| (Slab Wt): 190 mm | 0.90 mm | 1 | 20.5 | 18.7 | 14.4 | 13.0 | 11.8 | 10.8 | 9.9 | 9.1 | 8.3 | 7.7 | 7.0 | 6.5 | 6.0 | 5.6 | 5.1 |
| | | 2 | 20.5 | 18.7 | 17.2 | 15.9 | 11.8 | 10.8 | 9.9 | 9.1 | 8.3 | 7.7 | 7.0 | 6.5 | 6.0 | 5.6 | 5.1 |
| | | 3 | 20.5 | 18.7 | 17.2 | 15.9 | 14.7 | 13.7 | 9.9 | 9.1 | 8.3 | 7.7 | 7.0 | 6.5 | 6.0 | 5.6 | 5.1 |
| | | q3 | 41.7 | 41.5 | 41.3 | 41.2 | 41.0 | 40.9 | 40.8 | 40.6 | 40.5 | 40.5 | 40.4 | 40.3 | 40.2 | 40.1 | 40.1 |
| | | q4 | 43.7 | 43.3 | 43.0 | 42.7 | 42.4 | 42.2 | 41.9 | 41.7 | 41.5 | 41.3 | 41.2 | 41.0 | 40.9 | 40.8 | 40.6 |
| (Slab Wt): 3.64 kPa | 1.20 mm | 1 | 24.8 | 22.7 | 20.8 | 19.2 | 17.7 | 13.6 | 12.5 | 11.5 | 10.6 | 9.8 | 9.1 | 8.4 | 7.8 | 7.3 | 6.8 |
| | | 2 | 24.8 | 22.7 | 20.8 | 19.2 | 17.7 | 16.5 | 12.5 | 11.5 | 10.6 | 9.8 | 9.1 | 8.4 | 7.8 | 7.3 | 6.8 |
| | | 3 | 24.8 | 22.7 | 20.8 | 19.2 | 17.7 | 16.5 | 15.4 | 14.4 | 13.5 | 9.8 | 9.1 | 8.4 | 7.8 | 7.3 | 6.8 |
| | | q3 | 42.2 | 41.9 | 41.6 | 41.4 | 41.2 | 41.0 | 40.8 | 40.7 | 40.5 | 40.4 | 40.3 | 40.2 | 40.1 | 40.0 | 39.9 |
| | | q4 | 45.3 | 44.7 | 44.3 | 58.8 | 43.5 | 43.2 | 42.9 | 42.6 | 42.3 | 42.1 | 41.9 | 41.7 | 41.5 | 41.3 | 41.2 |
| 2 hr fire rating | 1.50 mm | 1 | 28.6 | 26.2 | 24.0 | 22.1 | 20.5 | 19.1 | 17.8 | 16.6 | 12.7 | 11.8 | 10.9 | 10.2 | 9.5 | 8.9 | 8.2 |
| | | 2 | 28.6 | 26.2 | 24.0 | 22.1 | 20.5 | 19.1 | 17.8 | 16.6 | 15.6 | 11.8 | 10.9 | 10.2 | 9.5 | 8.9 | 8.2 |
| | | 3 | 28.6 | 26.2 | 24.0 | 22.1 | 20.5 | 19.1 | 17.8 | 16.6 | 15.6 | 14.7 | 13.8 | 10.2 | 9.5 | 8.9 | 8.2 |
| | | q3 | 42.9 | 42.1 | 42.2 | 41.9 | 41.6 | 41.4 | 41.2 | 41.0 | 40.8 | 40.6 | 40.5 | 40.4 | 40.2 | 40.1 | 40.0 |
| | | q4 | 47.0 | 46.4 | 45.8 | 45.3 | 44.8 | 44.4 | 44.0 | 43.7 | 43.3 | 43.0 | 42.8 | 42.5 | 42.3 | 42.1 | 41.9 |

| 3W | THK | No. Spans | Span (m) | | | | | | | | | | | | | | |
|------------------------|---------|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | 2.45 | 2.60 | 2.75 | 2.90 | 3.05 | 3.20 | 3.35 | 3.50 | 3.65 | 3.80 | 3.95 | 4.10 | 4.25 | 4.40 | 4.55 |
| (Total Slab Thickness) | 0.75 mm | 1 | 17.1 | 15.3 | 13.8 | 12.5 | 11.3 | 10.3 | 9.4 | 8.6 | 7.9 | 7.2 | 6.6 | 6.0 | 5.6 | 5.1 | 4.7 |
| | | 2 | 20.3 | 15.3 | 13.8 | 12.5 | 11.3 | 10.3 | 9.4 | 8.6 | 7.9 | 7.2 | 6.6 | 6.0 | 5.6 | 5.1 | 4.7 |
| | | 3 | 20.3 | 18.5 | 13.8 | 12.5 | 11.3 | 10.3 | 9.4 | 8.6 | 7.9 | 7.2 | 6.6 | 6.0 | 5.6 | 5.1 | 4.7 |
| | | q3 | 47.1 | 46.9 | 46.7 | 46.6 | 46.5 | 46.4 | 46.2 | 46.2 | 46.1 | 46.0 | 45.9 | 45.8 | 45.8 | 45.7 | 45.7 |
| | | q4 | 48.4 | 48.1 | 47.8 | 47.6 | 47.4 | 47.1 | 46.9 | 46.8 | 46.6 | 46.5 | 46.4 | 46.2 | 46.1 | 46.0 | 45.9 |
| (Slab Wt): 210 mm | 0.90 mm | 1 | 22.8 | 17.7 | 16.0 | 14.5 | 13.2 | 12.0 | 11.0 | 10.1 | 9.2 | 8.5 | 7.8 | 7.2 | 6.7 | 6.1 | 5.7 |
| | | 2 | 22.8 | 20.8 | 19.2 | 14.5 | 13.2 | 12.0 | 11.0 | 10.1 | 9.2 | 8.5 | 7.8 | 7.2 | 6.7 | 6.1 | 5.7 |
| | | 3 | 22.8 | 20.8 | 19.2 | 17.6 | 16.3 | 12.0 | 11.0 | 10.1 | 9.2 | 8.5 | 7.8 | 7.2 | 6.7 | 6.1 | 5.7 |
| | | q3 | 47.1 | 46.9 | 46.7 | 46.5 | 46.4 | 46.2 | 46.1 | 46.0 | 45.9 | 45.8 | 45.7 | 45.6 | 45.5 | 45.5 | 45.4 |
| | | q4 | 49.1 | 48.7 | 48.3 | 48.0 | 47.7 | 47.5 | 47.3 | 47.1 | 46.9 | 46.7 | 46.5 | 46.4 | 46.2 | 46.1 | 46.0 |
| (Slab Wt): 4.12 kPa | 1.20 mm | 1 | 27.5 | 25.1 | 23.1 | 21.3 | 16.5 | 15.1 | 13.9 | 12.8 | 11.8 | 10.9 | 10.1 | 9.3 | 8.7 | 8.0 | 7.5 |
| | | 2 | 27.5 | 25.1 | 23.1 | 21.3 | 19.7 | 18.3 | 13.9 | 12.8 | 11.8 | 10.9 | 10.1 | 9.3 | 8.7 | 8.0 | 7.5 |
| | | 3 | 27.5 | 25.1 | 23.1 | 21.3 | 19.7 | 18.3 | 17.1 | 16.0 | 11.8 | 10.9 | 10.1 | 9.3 | 8.7 | 8.0 | 7.5 |
| | | q3 | 47.5 | 47.2 | 47.0 | 46.7 | 46.5 | 46.4 | 46.2 | 46.0 | 45.9 | 45.8 | 45.6 | 45.5 | 45.4 | 45.3 | 45.2 |
| | | q4 | 50.6 | 50.1 | 49.6 | 49.2 | 48.8 | 48.5 | 48.2 | 47.9 | 47.7 | 47.4 | 47.2 | 47.0 | 46.8 | 46.7 | 46.5 |
| 3 hr fire rating | 1.50 mm | 1 | 31.9 | 29.1 | 26.7 | 24.6 | 22.8 | 21.2 | 19.7 | 15.2 | 14.1 | 13.0 | 12.1 | 11.3 | 10.5 | 9.8 | 9.1 |
| | | 2 | 31.9 | 29.1 | 26.7 | 24.6 | 22.8 | 21.2 | 19.7 | 18.5 | 14.1 | 13.0 | 12.1 | 11.3 | 10.5 | 9.8 | 9.1 |
| | | 3 | 31.9 | 29.1 | 26.7 | 24.6 | 22.8 | 21.2 | 19.7 | 18.5 | 17.3 | 16.3 | 12.1 | 11.3 | 10.5 | 9.8 | 9.1 |
| | | q3 | 48.2 | 47.8 | 47.5 | 47.2 | 47.0 | 46.7 | 46.5 | 46.3 | 46.2 | 46.0 | 45.8 | 45.7 | 45.6 | 45.4 | 45.3 |
| | | q4 | 52.4 | 51.7 | 51.1 | 50.6 | 50.2 | 49.7 | 49.3 | 49.0 | 48.7 | 48.4 | 48.1 | 47.9 | 47.6 | 47.4 | 47.2 |

- In shaded areas to the right of the heavy line, mid-span deck shoring required during construction.
- q3 and q4 : "q" = allowable diaphragm shear (kN/m) ; "3", "4" = number of welds of support