



The Span Tables below have been created in accordance with EN 1993-1-3 (Eurocode EC3) and calculated by the Steel Construction Institute (SCI). The values are based on a maximum permitted deflection of Span/150

### Safe imposed (positive) loads (kN/m<sup>2</sup>)

| Span condition | Span (m) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 1.0      | 1.1  | 1.2  | 1.3  | 1.4  | 1.5  | 1.6  | 1.7  | 1.8  | 1.9  | 2.0  | 2.1  | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  |
| Single         | 4.62     | 3.64 | 2.81 | 2.21 | 1.77 | 1.44 | 1.18 | 0.99 | 0.83 | 0.71 | 0.61 | 0.52 | 0.46 | 0.40 | 0.35 | 0.31 | 0.28 |
| Double         | 2.95     | 2.56 | 2.25 | 1.99 | 1.77 | 1.58 | 1.42 | 1.28 | 1.16 | 1.06 | 0.97 | 0.87 | 0.76 | 0.66 | 0.58 | 0.52 | 0.46 |
| Multi          | 3.48     | 3.04 | 2.68 | 2.38 | 2.12 | 1.90 | 1.71 | 1.55 | 1.39 | 1.18 | 1.01 | 0.87 | 0.76 | 0.66 | 0.58 | 0.52 | 0.46 |

### Safe wind suction (negative) loads (kN/m<sup>2</sup>)

| Span condition | Span (m) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 1.0      | 1.1  | 1.2  | 1.3  | 1.4  | 1.5  | 1.6  | 1.7  | 1.8  | 1.9  | 2.0  | 2.1  | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  |
| Single         | 3.72     | 2.79 | 2.15 | 1.69 | 1.36 | 1.10 | 0.91 | 0.76 | 0.64 | 0.54 | 0.46 | 0.40 | 0.35 | 0.31 | 0.27 | 0.24 | 0.21 |
| Double         | 3.03     | 2.65 | 2.33 | 2.06 | 1.84 | 1.65 | 1.48 | 1.26 | 1.06 | 0.90 | 0.77 | 0.67 | 0.58 | 0.51 | 0.45 | 0.40 | 0.35 |
| Multi          | 3.57     | 3.13 | 2.77 | 2.46 | 2.20 | 1.84 | 1.51 | 1.26 | 1.06 | 0.90 | 0.77 | 0.67 | 0.58 | 0.51 | 0.45 | 0.40 | 0.35 |



'SCI Assessed' quality mark. This mark testifies that the Steel Construction Institute (SCI) has independently verified the technical data above.