

**Hollow core**

**Load v span table**

| Slab ref       | Floor self weight kN/m <sup>2</sup> | Finishes = 1.5 kN/m <sup>2</sup>           |       |       |       |       |       |      |      |      |      |
|----------------|-------------------------------------|--|-------|-------|-------|-------|-------|------|------|------|------|
|                |                                     | Superimposed loadings in kN/m <sup>2</sup> |       |       |       |       |       |      |      |      |      |
|                |                                     | 0.75                                       | 1.5   | 2.0   | 2.5   | 3.0   | 4.0   | 5.0  | 7.5  | 10.0 | 15.0 |
|                |                                     | Maximum clear span (m)                     |       |       |       |       |       |      |      |      |      |
| <b>P100</b>    | 2.27                                | 5.00                                       | 5.00  | 5.00  | 5.00  | 5.00  | 4.97  | 4.67 | 4.11 | 3.71 | 3.16 |
| <b>P150-8</b>  | 3.45                                | 7.50                                       | 7.15  | 6.86  | 6.60  | 6.37  | 5.97  | 5.63 | 4.99 | 4.53 | 3.88 |
| <b>P150-10</b> | 3.45                                | 7.50                                       | 7.50  | 7.48  | 7.22  | 6.99  | 6.57  | 6.20 | 5.50 | 4.98 | 4.28 |
| <b>P150-12</b> | 3.45                                | 7.50                                       | 7.50  | 7.50  | 7.47  | 7.23  | 6.81  | 6.45 | 5.76 | 5.25 | 4.52 |
| <b>P150-15</b> | 3.45                                | 7.50                                       | 7.50  | 7.50  | 7.50  | 7.50  | 7.13  | 6.75 | 6.03 | 5.49 | 4.74 |
| <b>S150</b>    | 2.52                                | 7.50                                       | 7.50  | 7.41  | 7.09  | 6.80  | 6.32  | 5.93 | 5.19 | 4.68 | 3.98 |
| <b>S150H</b>   | 2.52                                | 7.50                                       | 7.50  | 7.50  | 7.50  | 7.50  | 7.09  | 6.65 | 5.83 | 5.25 | 4.47 |
| <b>S150N</b>   | 2.57                                | 7.50                                       | 7.50  | 7.50  | 7.50  | 7.35  | 6.84  | 6.42 | 5.63 | 5.08 | 4.20 |
| <b>S153</b>    | 2.97                                | 7.50                                       | 7.43  | 7.10  | 6.81  | 6.56  | 6.12  | 5.77 | 5.08 | 4.59 | 3.93 |
| <b>S153H</b>   | 2.97                                | 7.50                                       | 7.50  | 7.50  | 7.50  | 7.36  | 6.88  | 6.47 | 5.71 | 5.16 | 4.41 |
| <b>S200</b>    | 3.29                                | 9.03                                       | 8.38  | 8.03  | 7.71  | 7.43  | 6.94  | 6.54 | 5.78 | 5.23 | 4.47 |
| <b>S200H</b>   | 3.29                                | 10.00                                      | 10.00 | 9.86  | 9.47  | 9.12  | 8.53  | 8.04 | 7.10 | 6.43 | 5.51 |
| <b>S250</b>    | 3.66                                | 11.74                                      | 10.98 | 10.55 | 10.16 | 9.81  | 9.21  | 8.71 | 7.74 | 7.03 | 5.56 |
| <b>S250H</b>   | 3.66                                | 12.00                                      | 12.00 | 11.96 | 11.52 | 11.13 | 10.45 | 9.88 | 8.78 | 7.98 | 6.43 |