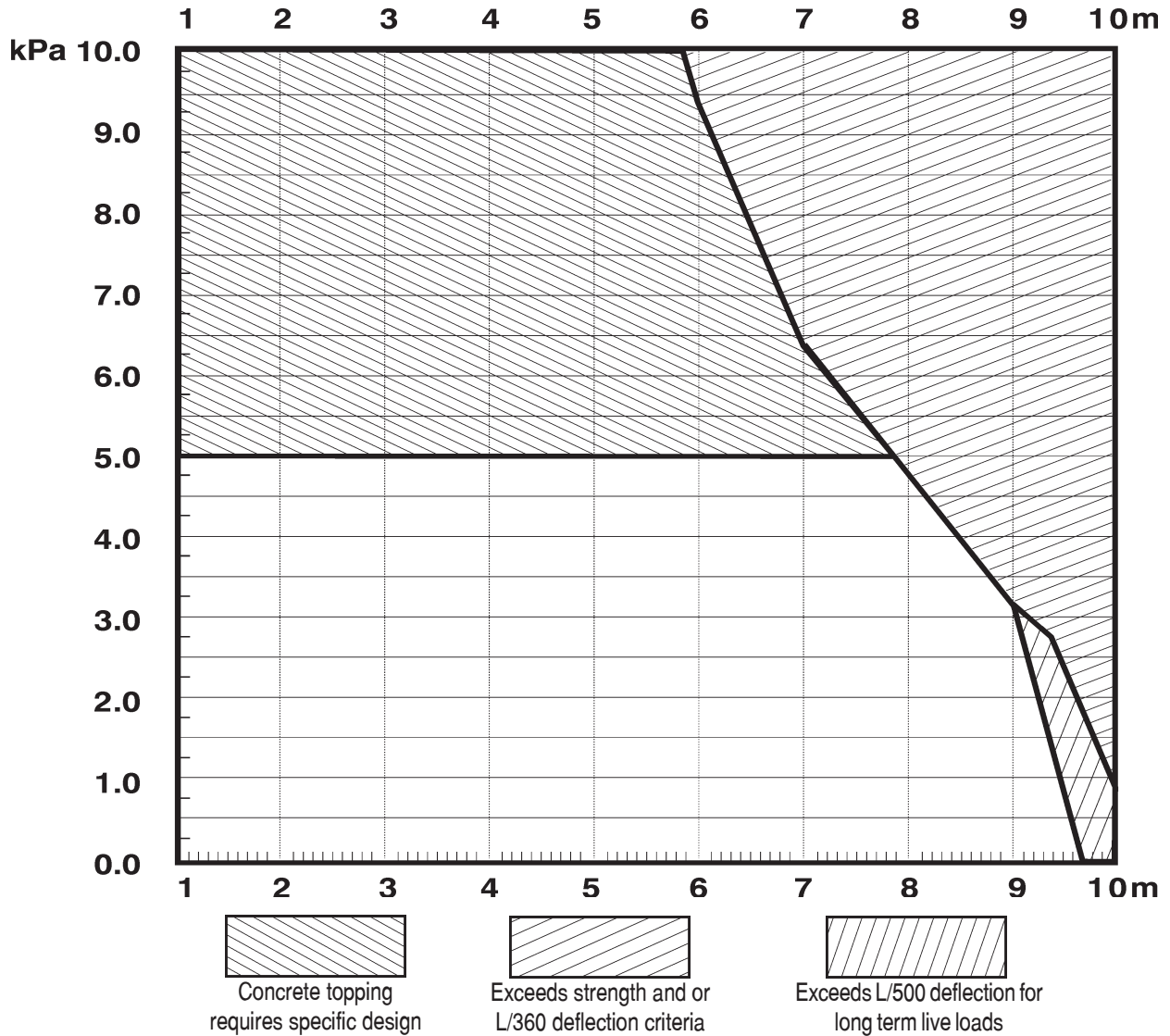


## 400mm JOIST - 75mm TOPPING - 930mm SPACING

SPANS V'S LIVE LOAD



| DEFLECTIONS |                      |                    |                             |                                   |                  |                  |
|-------------|----------------------|--------------------|-----------------------------|-----------------------------------|------------------|------------------|
|             | Dead Load Deflection | Precamber in joist | Drying Shrinkage Deflection | Superimposed Dead Load Deflection | Creep Deflection | Total Deflection |
|             | $\Delta_{Gc}$        | $\Delta_{pc}$      | $\Delta_{shr}$              | $\Delta_{Gs}$                     | $\Delta_{Cr}$    |                  |
| span        | mm                   | mm                 | mm                          | mm                                | mm               | mm               |
| 1m          | 0.00                 | 0                  | 0.07                        | 0.00                              | 1.00             | 1.07             |
| 2m          | 0.05                 | 0                  | 0.26                        | 0.01                              | 1.00             | 1.32             |
| 3m          | 0.27                 | -0.5               | 0.59                        | 0.03                              | 1.00             | 1.38             |
| 4m          | 0.84                 | -2                 | 1.04                        | 0.09                              | 1.00             | 0.97             |
| 5m          | 2.05                 | -5                 | 1.63                        | 0.22                              | 1.00             | -0.10            |
| 6m          | 4.26                 | -10                | 2.35                        | 0.45                              | 1.00             | -1.94            |
| 7m          | 7.89                 | -14                | 3.20                        | 0.84                              | 1.00             | -1.08            |
| 8m          | 13.45                | -16                | 4.18                        | 1.43                              | 1.00             | 4.06             |
| 9m          | 21.55                | -18                | 5.28                        | 2.29                              | 1.00             | 12.13            |
| 10m         | 32.85                | -20                | 6.52                        | 3.50                              | 1.00             | 23.87            |

The above chart and table must be read in conjunction with notes on page 10 of the Speedfloor Design Manual and have been designed in accordance with the relevant standards and codes as specified on page 11.

**SPEEDFLOOR**