

STANDARD MESH GRATING

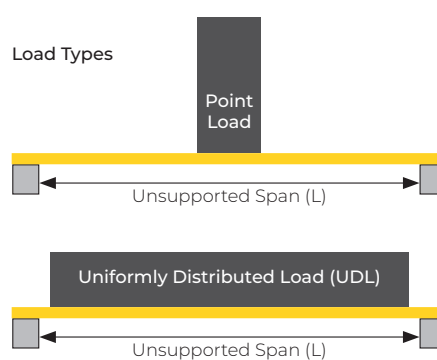
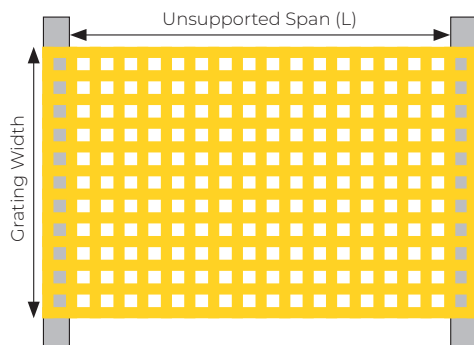
DATASHEET



Step on Safety

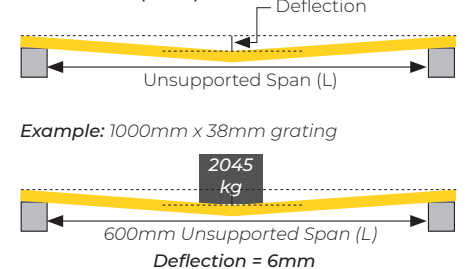
Load & Deflection Data

| 1000mm WIDE GRATING | | | Unsupported Span (L) (unfixed) | | | | | | |
|---------------------|------------------------|--------------------------|--------------------------------|-------|-------|-------|--------|--------|--------|
| Grating Thickness | Weight | Load Type | 300mm | 500mm | 600mm | 750mm | 1000mm | 1200mm | 1500mm |
| 25 mm | 12 kg/m ² | Point Load (kg) | 2390 | 855 | 590 | 375 | 205 | 135 | 80 |
| | | UDL (kg/m ²) | 3830 | 1375 | 950 | 605 | 335 | 225 | 135 |
| 30 mm | 14.2 kg/m ² | Point Load (kg) | 3795 | 1360 | 940 | 595 | 330 | 220 | 135 |
| | | UDL (kg/m ²) | 6075 | 2180 | 1510 | 960 | 535 | 365 | 225 |
| 38 mm | 19 kg/m ² | Point Load (kg) | 8220 | 2950 | 2045 | 1300 | 725 | 495 | 305 |
| | | UDL (kg/m ²) | 13155 | 4730 | 3280 | 2090 | 1165 | 800 | 500 |
| 50 mm | 21.7 kg/m ² | Point Load (kg) | 16445 | 5910 | 4100 | 2615 | 1460 | 1005 | 630 |
| | | UDL (kg/m ²) | 26315 | 9465 | 6565 | 4195 | 2350 | 1620 | 1025 |
| 60 mm | 51 kg/m ² | Point Load (kg) | 21215 | 7620 | 5280 | 3365 | 18870 | 1275 | 785 |
| | | UDL (kg/m ²) | 33955 | 12205 | 8465 | 5400 | 3015 | 2070 | 1295 |



Deflection Data

Load information above is for 1% deflection (L/100)



FOR MORE INFORMATION

Call: 01206 396 446

Email: sales@steponsafety.co.uk

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STANDARD MESH GRATING

DATASHEET



Step on Safety

Load & Deflection Data

| 1200mm WIDE GRATING | | | Unsupported Span (L) (unfixed) | | | | | | |
|---------------------|------------------------|--------------------------|--------------------------------|-------|-------|-------|--------|--------|--------|
| Grating Thickness | Weight | Load Type | 300mm | 500mm | 600mm | 750mm | 1000mm | 1200mm | 1500mm |
| 25 mm | 12 kg/m ² | Point Load (kg) | 2875 | 1030 | 710 | 450 | 245 | 165 | 95 |
| | | UDL (kg/m ²) | 4600 | 1650 | 1145 | 725 | 400 | 270 | 165 |
| 30 mm | 14.2 kg/m ² | Point Load (kg) | 4555 | 1635 | 1130 | 715 | 395 | 265 | 160 |
| | | UDL (kg/m ²) | 7290 | 2620 | 1815 | 1155 | 640 | 435 | 270 |
| 38 mm | 19 kg/m ² | Point Load (kg) | 9840 | 3535 | 2450 | 1560 | 865 | 550 | 365 |
| | | UDL (kg/m ²) | 15750 | 5660 | 3925 | 2505 | 1400 | 960 | 600 |
| 50 mm | 21.7 kg/m ² | Point Load (kg) | 19715 | 7085 | 4915 | 3135 | 1750 | 120 | 755 |
| | | UDL (kg/m ²) | 31545 | 11345 | 7875 | 5030 | 2815 | 1945 | 1230 |
| 60 mm | 51 kg/m ² | Point Load (kg) | 25420 | 9130 | 6325 | 4030 | 2240 | 1530 | 940 |
| | | UDL (kg/m ²) | 40680 | 1725 | 10145 | 6470 | 3610 | 2070 | 1550 |

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