

Les Caillebotis De Chaussée Rectangulaires

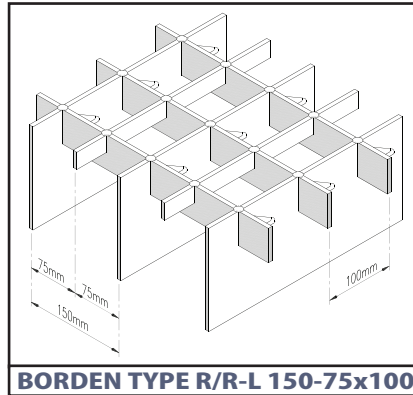
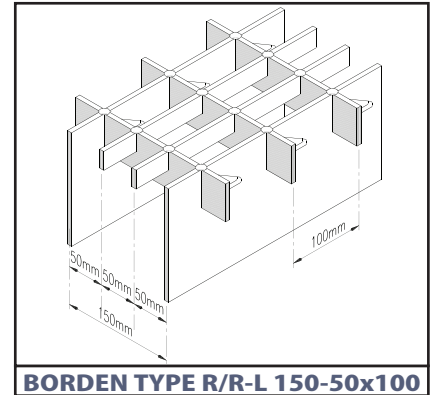

BORDEN TYPE R/R-L 150-75x100

BORDEN TYPE R/R-L 150-50x100

TABLEAU DES CHARGES

| Dimension de la barre porteuse | Poids | | Moment d'inertie | Module d'inertie | CAN/CSA-S6-06 CL-625 (po) (mm) | | | | | | | | AASHTO HS20-1996 (po) (mm) | | | |
|--------------------------------|-----------|-----------|------------------|------------------|--|-----------|-------|-------|--|-----------|-------|-------|----------------------------|-----------|-------|-------|
| | | | | | Barres porteuses parallèles à la circulation | | | | Barres porteuses perpendiculaires à la circulation | | | | | | | |
| | 75 lb/pi² | 50 lb/pi² | | | | | | | | | | | | | | |
| | kg/m² | kg/m² | | | Résistance | Déviation | | | Résistance | Déviation | | | Résistance | Déviation | | |
| | | | po⁴/p. l. mm⁴/m | po³/p. l. mm³/m | | L/800 | L/700 | L/600 | | L/800 | L/700 | L/600 | | L/800 | L/700 | L/600 |
| 4" x 1/4" | 13.12 | 14.85 | 2.594 | 1.141 | 20.0 | - | - | - | 15.4 | - | - | - | 30.0 | - | - | - |
| 102 x 6.35 | 64.06 | 2.03E+07 | 1.39E+05 | 6.13E+04 | 508 | - | - | - | 391 | - | - | - | 762 | - | - | - |
| 4 1/2" x 1/4" | 13.99 | 15.71 | 3.638 | 1.384 | 23.3 | - | - | - | 17.0 | - | - | - | 34.3 | - | - | - |
| 114 x 6.35 | 68.31 | 2.15E+07 | 1.96E+05 | 7.44E+04 | 592 | - | - | - | 432 | - | - | - | 871 | - | - | - |
| 5" x 1/4" | 14.85 | 16.58 | 4.933 | 1.659 | 26.9 | - | - | - | 18.6 | - | - | - | 39.1 | - | - | - |
| 127 x 6.35 | 72.50 | 2.26E+07 | 2.65E+05 | 8.92E+04 | 683 | - | - | - | 472 | - | - | - | 993 | - | - | - |
| 5 1/2" x 1/4" | 15.71 | 17.44 | 6.510 | 1.969 | 31.0 | - | - | - | 20.3 | - | - | - | 44.5 | - | - | - |
| 140 x 6.35 | 76.70 | 2.38E+07 | 3.50E+05 | 1.06E+05 | 787 | - | - | - | 516 | - | - | - | 1130 | - | - | - |
| 6" x 1/4" | 16.58 | 18.31 | 8.402 | 2.316 | 35.6 | - | - | - | 24.6 | - | - | - | 50.6 | - | - | - |
| 152 x 6.35 | 80.95 | 2.50E+07 | 4.52E+05 | 1.25E+05 | 904 | - | - | - | 625 | - | - | - | 1285 | - | - | - |
| 6 1/2" x 1/4" | 17.44 | 19.17 | 10.641 | 2.702 | 40.7 | - | - | - | 26.7 | - | - | - | 57.4 | 57.2 | - | - |
| 165 x 6.35 | 85.15 | 2.62E+07 | 5.72E+05 | 1.45E+05 | 1034 | - | - | - | 678 | - | - | - | 1458 | 1453 | - | - |
| 7" x 1/4" | 18.31 | 20.04 | 13.260 | 3.126 | 46.3 | - | - | - | 29.1 | - | - | - | 64.8 | 63.5 | - | - |
| 178 x 6.35 | 89.40 | 2.74E+07 | 7.13E+05 | 1.68E+05 | 1176 | - | - | - | 739 | - | - | - | 1646 | 1613 | - | - |