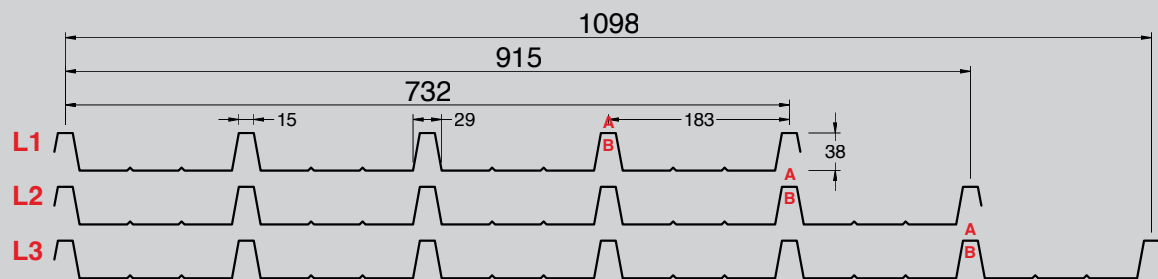


LAMIERE GRECATE SAND 38



A: lato a vista B: lato non a vista



| Reazione al fuoco | Comportamento al fuoco dall'esterno |
|-------------------|-------------------------------------|
| CLASS A1 | Broof (t1,t2,t3) |

Senza necessità di sottoporre a prova secondo la norma UNI EN 14782:2006.

| Curvatura |
|------------------|
| Raggio fisso |
| Raggio variabile |

| Applicazioni |
|---------------------------------|
| SANDnodrip Class A2 - s1, d0 |
| SANDcontrol Class C - s1, d0 |

| Forature |
|-----------|
| F3 P5 60° |
| F5 P8 60° |

Broof (t1,t2,t3)

DATI STATICI

| Sp. (mm) | Jy (cm ⁴ /m) | We inf (cm ³ /m) | We sup (cm ³ /m) |
|----------|-------------------------|-----------------------------|-----------------------------|
| 0,50 | 10,77 | 12,92 | 3,63 |
| 0,60 | 12,71 | 15,22 | 4,29 |
| 0,70 | 14,59 | 17,45 | 4,92 |
| 0,80 | 16,40 | 19,58 | 5,54 |
| 1,00 | 19,83 | 23,60 | 6,70 |
| 1,20 | 23,01 | 27,28 | 7,78 |

PESO

| Steel Kg/m ² | Aluminium Kg/m ² |
|-------------------------|-----------------------------|
| 5,36 | 1,84 |
| 6,43 | 2,21 |
| 7,51 | 2,58 |
| 8,58 | 2,95 |
| 10,72 | 3,69 |
| 12,87 | 4,43 |

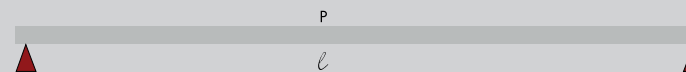
| Profilo | Nr. Greche | Interasse (mm) | Largh. Utile (mm) | Largh. Lastra (mm) | Sormonto | Tipo sormonto |
|------------|------------|----------------|-------------------|--------------------|----------|---------------|
| SAND 38 L1 | 5 | 183 | 732 | 732 | - | |
| SAND 38 L2 | 6 | 183 | 915 | 915 | - | |
| SAND 38 L3 | 7 | 183 | 1098 | 1098 | - | |



LAMIERE GRECATE SAND 38

Larghezza appoggio: 100 mm

CAMPATA SINGOLA



(*)

Tabelle di portata (daN/m²)

Steel S250GD

| Sp. (mm) | L=m | 0,80 | 1,00 | 1,20 | 1,40 | 1,60 | 1,80 | 2,00 | 2,20 | 2,40 | 2,60 | 2,80 | 3,00 | 3,20 | 3,40 | 3,60 | 3,80 | 4,00 | 4,20 | 4,40 | 4,60 | | |
|----------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0,50 | q = daN/m ² | 685 | 435 | 300 | 220 | 165 | 130 | 100 | 75 | 55 | | | | | | | | | | | | | |
| 0,60 | | 1035 | 660 | 455 | 335 | 240 | 165 | 120 | 85 | 65 | 50 | | | | | | | | | | | | |
| 0,70 | | 1485 | 945 | 655 | 420 | 275 | 190 | 135 | 100 | 75 | 55 | | | | | | | | | | | | |
| 0,80 | | 1685 | 1075 | 745 | 470 | 310 | 215 | 155 | 115 | 85 | 65 | 50 | | | | | | | | | | | |
| 1,00 | | 2070 | 1320 | 915 | 570 | 375 | 260 | 185 | 135 | 105 | 80 | 60 | | | | | | | | | | | |
| 1,20 | | 2445 | 1560 | 1060 | 660 | 440 | 305 | 215 | 160 | 120 | 90 | 70 | 55 | | | | | | | | | | |

In rosso i carichi limitati da freccia 1/200 L

Larghezza appoggio: 100 mm

CAMPATA DOPPIA



(*)

Tabelle di portata (daN/m²)

Steel S250GD

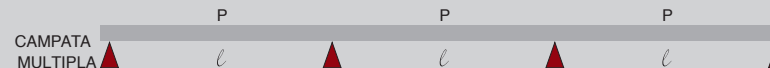
| Sp. (mm) | L=m | 0,80 | 1,00 | 1,20 | 1,40 | 1,60 | 1,80 | 2,00 | 2,20 | 2,40 | 2,60 | 2,80 | 3,00 | 3,20 | 3,40 | 3,60 | 3,80 | 4,00 | 4,20 | 4,40 | 4,60 | |
|----------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| 0,50 | q = daN/m ² | 609 | 436 | 331 | 257 | 210 | 173 | 147 | 126 | 105 | 95 | 79 | 68 | 58 | | | | | | | | |
| 0,60 | | 777 | 562 | 425 | 336 | 273 | 226 | 189 | 163 | 137 | 121 | 105 | 84 | 68 | 58 | | | | | | | |
| 0,70 | | 950 | 688 | 520 | 410 | 331 | 273 | 231 | 200 | 168 | 147 | 126 | 100 | 79 | 63 | 53 | | | | | | |
| 0,80 | | 1124 | 809 | 614 | 483 | 394 | 326 | 273 | 231 | 194 | 168 | 142 | 110 | 89 | 74 | 58 | | | | | | |
| 1,00 | | 1470 | 1055 | 803 | 630 | 515 | 420 | 352 | 294 | 252 | 215 | 168 | 137 | 110 | 89 | 74 | 58 | | | | | |
| 1,20 | | 1811 | 1302 | 987 | 777 | 620 | 504 | 420 | 352 | 299 | 252 | 200 | 158 | 126 | 105 | 84 | 68 | 58 | | | | |

In rosso i carichi limitati da freccia 1/200 L



LAMIERE GRECATE SAND 38

Larghezza appoggio: 100 mm



(*)

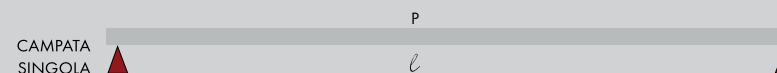
Tabelle di portata (daN/m²)

Steel S250GD

| Sp. (mm) | L=m | 0,80 | 1,00 | 1,20 | 1,40 | 1,60 | 1,80 | 2,00 | 2,20 | 2,40 | 2,60 | 2,80 | 3,00 | 3,20 | 3,40 | 3,60 | 3,80 | 4,00 | 4,20 | 4,40 | 4,60 | |
|----------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| 0,50 | q = daN/m ² | 730 | 530 | 404 | 315 | 257 | 215 | 173 | 142 | 116 | 89 | 68 | 58 | | | | | | | | | |
| 0,60 | | 940 | 683 | 520 | 410 | 331 | 278 | 231 | 184 | 137 | 105 | 84 | 68 | 53 | | | | | | | | |
| 0,70 | | 1155 | 835 | 635 | 504 | 410 | 341 | 284 | 210 | 158 | 121 | 95 | 79 | 63 | | | | | | | | |
| 0,80 | | 1360 | 982 | 751 | 593 | 483 | 399 | 315 | 236 | 179 | 137 | 110 | 84 | 68 | 58 | | | | | | | |
| 1,00 | | 1785 | 1292 | 982 | 777 | 630 | 520 | 383 | 284 | 215 | 168 | 131 | 105 | 84 | 68 | 53 | | | | | | |
| 1,20 | | 2205 | 1591 | 1208 | 956 | 772 | 614 | 446 | 331 | 252 | 194 | 152 | 121 | 95 | 79 | 63 | 53 | | | | | |

In rosso i carichi limitati da freccia 1/200 L

Larghezza appoggio: 100 mm



(*)

Tabelle di portata (daN/m²)

Aluminium alloy 3003

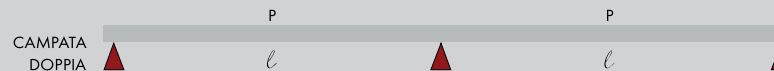
| Sp. (mm) | L=m | 0,80 | 1,00 | 1,20 | 1,40 | 1,60 | 1,80 | 2,00 | 2,20 | 2,40 | 2,60 | 2,80 | 3,00 | 3,20 | 3,40 | 3,60 | 3,80 | 4,00 | 4,20 | 4,40 | 4,60 |
|----------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0,50 | q = daN/m ² | 520 | 275 | 160 | 100 | 65 | | | | | | | | | | | | | | | |
| 0,60 | | 640 | 330 | 190 | 120 | 80 | 55 | | | | | | | | | | | | | | |
| 0,70 | | 750 | 385 | 220 | 135 | 90 | 60 | | | | | | | | | | | | | | |
| 0,80 | | 855 | 435 | 250 | 155 | 100 | 70 | 50 | | | | | | | | | | | | | |
| 1,00 | | 1035 | 525 | 300 | 190 | 125 | 85 | 60 | | | | | | | | | | | | | |
| 1,20 | | 1200 | 610 | 350 | 220 | 145 | 100 | 70 | 50 | | | | | | | | | | | | |

In rosso i carichi limitati da freccia 1/200 L



LAMIERE GRECATE SAND 38

Larghezza appoggio: 100 mm



(*)

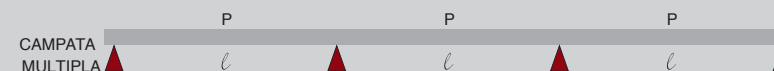
Tabelle di portata (daN/m²)

Aluminium alloy 3003

| Sp. (mm) | L=m | 0,80 | 1,00 | 1,20 | 1,40 | 1,60 | 1,80 | 2,00 | 2,20 | 2,40 | 2,60 | 2,80 | 3,00 | 3,20 | 3,40 | 3,60 | 3,80 | 4,00 | 4,20 | 4,40 | 4,60 | | |
|----------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0,50 | q = daN/m ² | 400 | 285 | 215 | 165 | 135 | 110 | 80 | 60 | | | | | | | | | | | | | | |
| 0,60 | | 515 | 365 | 275 | 215 | 170 | 135 | 95 | 70 | 55 | | | | | | | | | | | | | |
| 0,70 | | 630 | 450 | 335 | 260 | 210 | 155 | 110 | 85 | 65 | 50 | | | | | | | | | | | | |
| 0,80 | | 750 | 535 | 400 | 310 | 250 | 175 | 125 | 95 | 70 | 55 | | | | | | | | | | | | |
| 1,00 | | 995 | 705 | 525 | 410 | 305 | 215 | 155 | 115 | 85 | 65 | 50 | | | | | | | | | | | |
| 1,20 | | 1225 | 870 | 650 | 505 | 355 | 250 | 180 | 135 | 100 | 80 | 60 | 50 | | | | | | | | | | |

In rosso i carichi limitati da freccia 1/200 L

Larghezza appoggio: 100 mm



(*)

Tabelle di portata (daN/m²)

Aluminium alloy 3003

| Sp. (mm) | L=m | 0,80 | 1,00 | 1,20 | 1,40 | 1,60 | 1,80 | 2,00 | 2,20 | 2,40 | 2,60 | 2,80 | 3,00 | 3,20 | 3,40 | 3,60 | 3,80 | 4,00 | 4,20 | 4,40 | 4,60 | | |
|----------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0,50 | q = daN/m ² | 480 | 350 | 265 | 190 | 125 | 85 | 65 | | | | | | | | | | | | | | | |
| 0,60 | | 620 | 445 | 335 | 225 | 150 | 105 | 75 | 55 | | | | | | | | | | | | | | |
| 0,70 | | 765 | 545 | 410 | 265 | 175 | 120 | 85 | 65 | 50 | | | | | | | | | | | | | |
| 0,80 | | 910 | 650 | 475 | 300 | 200 | 135 | 100 | 75 | 55 | | | | | | | | | | | | | |
| 1,00 | | 1210 | 865 | 575 | 360 | 240 | 165 | 120 | 90 | 65 | 50 | | | | | | | | | | | | |
| 1,20 | | 1500 | 1065 | 670 | 420 | 280 | 195 | 140 | 105 | 80 | 60 | | | | | | | | | | | | |

In rosso i carichi limitati da freccia 1/200 L

(*) Calcoli eseguiti secondo normativa EUROCODICE 3 (EN 1993-1-3). Il carico riportato va inteso come valore caratteristico di portata, con coefficiente di combinazione applicato $\gamma_q = 1,5$.