

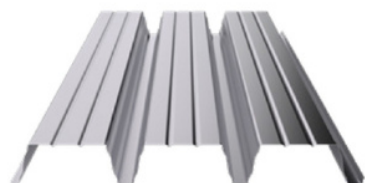
A: lato a vista - front side  
B: lato non a vista - back side

POSITIVE

Reazione al fuoco Fire reaction  
**CLASS A1**

Comportamento al fuoco dall'esterno External fire performance  
**Broof (t1,t2,t3)**

Senza necessità di sottoporre a prova secondo la norma UNI EN 14782:2006. No lab test is required as per UNI EN 14782:2006.



DATI STATICI STATIC DATA PESO WEIGHT

| Sp. Th.<br>(mm) | Jy<br>(cm <sup>2</sup> /m) | We inf<br>(cm <sup>2</sup> /m) | We sup<br>(cm <sup>2</sup> /m) | Steel<br>Kg/m <sup>2</sup> |
|-----------------|----------------------------|--------------------------------|--------------------------------|----------------------------|
| 0,75            | 183,12                     | 24,70                          | 54,89                          | 9,30                       |
| 0,80            | 197,84                     | 26,70                          | 58,77                          | 9,92                       |
| 0,88            | 221,77                     | 29,96                          | 64,98                          | 10,91                      |
| 1,00            | 258,4                      | 34,95                          | 74,34                          | 12,39                      |
| 1,15            | 305,18                     | 41,29                          | 86,05                          | 14,25                      |
| 1,25            | 338,83                     | 45,46                          | 93,79                          | 15,49                      |
| 1,50            | 417,01                     | 54,47                          | 112,21                         | 18,59                      |

APPLICAZIONI  
APPLICATIONS



SANDnodrip  
Class A2 - s1, d0 Broof (t1,t2,t3)



SANDcontrol  
Class C - s1, d0 Broof (t1,t2,t3)

Tabelle di portata (daN/m<sup>2</sup>) Load tables (daN/sqm)

steel s320gp

\* Valori di portata caratteristici con coefficiente di sicurezza applicato pari a:  $\gamma_s = 1,40$ . Characteristic load with an applied safety coefficient equal to:  $\gamma_s = 1,40$ .

In azzurro i valori rappresentativi della portata con inflessione limite raggiunta. The values indicated in blue are representative of the load capacity with the limit inflection reached.

Larghezza appoggio esterno: 100 mm End support width: 100 mm

| Sp. Th.<br>mm | Interasse appoggi (m) / Carico uniformemente distribuito (daN/m²) |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Span (m) / Uniformly distributed load (daN/sqm) |      |      |     |  |  |  |  |  |  |
|---------------|-------------------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------------------------------------|------|------|-----|--|--|--|--|--|--|
|               | CAMPATA SINGOLA                                                   |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | SINGLE SPAN                                     |      |      |     |  |  |  |  |  |  |
|               | Stato limite Limit state                                          | 2.60  | 2.80 | 3.00 | 3.20 | 3.40 | 3.60 | 3.80 | 4.00 | 4.20 | 4.40 | 4.60 | 4.80 | 5.00 | 5.20 | 5.40 | 5.60                                            | 5.80 | 6.00 |     |  |  |  |  |  |  |
| 0,75          | SLU                                                               | ULS   | 699  | 647  | 602  | 534  | 470  | 417  | 372  | 334  | 289  | 262  | 238  | 218  | 192  | 176  | 163                                             | 150  | 139  | 129 |  |  |  |  |  |  |
|               | SLU                                                               | 1/150 | 499  | 462  | 430  | 382  | 336  | 298  | 266  | 238  | 206  | 187  | 170  | 155  | 126  | 111  | 98                                              | 87   | 78   | 69  |  |  |  |  |  |  |
|               | SLE*                                                              | 1/200 | 499  | 462  | 430  | 382  | 336  | 298  | 266  | 238  | 206  | 187  | 170  | 155  | 126  | 111  | 98                                              | 87   | 78   | 69  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/250 | 499  | 462  | 430  | 382  | 336  | 298  | 266  | 238  | 206  | 187  | 170  | 155  | 126  | 111  | 98                                              | 87   | 78   | 69  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/300 | 499  | 462  | 430  | 382  | 336  | 298  | 266  | 238  | 206  | 187  | 170  | 155  | 126  | 111  | 98                                              | 87   | 78   | 69  |  |  |  |  |  |  |
| 0,80          | SLU                                                               | ULS   | 803  | 744  | 656  | 573  | 504  | 447  | 399  | 358  | 310  | 281  | 256  | 233  | 206  | 189  | 174                                             | 161  | 149  | 139 |  |  |  |  |  |  |
|               | SLU                                                               | 1/150 | 574  | 531  | 469  | 409  | 360  | 319  | 285  | 256  | 221  | 201  | 183  | 167  | 137  | 120  | 106                                             | 94   | 84   | 75  |  |  |  |  |  |  |
|               | SLE*                                                              | 1/200 | 574  | 531  | 469  | 409  | 360  | 319  | 285  | 256  | 221  | 201  | 183  | 167  | 137  | 120  | 106                                             | 94   | 84   | 75  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/250 | 574  | 531  | 469  | 377  | 311  | 259  | 218  | 185  | 149  | 128  | 111  | 96   | 79   | 69   | 61                                              | 53   | 47   | 42  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/300 | 574  | 477  | 384  | 312  | 257  | 214  | 180  | 152  | 123  | 105  | 91   | 79   | 64   | 56   | 49                                              | 43   | 38   | 33  |  |  |  |  |  |  |
| 0,88          | SLU                                                               | ULS   | 982  | 841  | 727  | 635  | 559  | 495  | 442  | 397  | 343  | 311  | 283  | 259  | 228  | 210  | 193                                             | 179  | 166  | 154 |  |  |  |  |  |  |
|               | SLU                                                               | 1/150 | 702  | 600  | 519  | 453  | 399  | 354  | 316  | 283  | 245  | 222  | 202  | 185  | 154  | 135  | 119                                             | 106  | 94   | 84  |  |  |  |  |  |  |
|               | SLE*                                                              | 1/200 | 702  | 600  | 519  | 453  | 399  | 354  | 316  | 283  | 245  | 222  | 202  | 185  | 154  | 135  | 119                                             | 106  | 94   | 84  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/250 | 702  | 600  | 519  | 422  | 348  | 290  | 244  | 207  | 167  | 144  | 124  | 108  | 89   | 78   | 68                                              | 60   | 53   | 47  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/300 | 702  | 535  | 430  | 350  | 289  | 240  | 202  | 171  | 138  | 118  | 102  | 88   | 72   | 63   | 55                                              | 49   | 43   | 38  |  |  |  |  |  |  |
| 1,00          | SLU                                                               | ULS   | 1127 | 964  | 834  | 728  | 641  | 568  | 507  | 455  | 394  | 357  | 325  | 297  | 262  | 241  | 222                                             | 205  | 190  | 177 |  |  |  |  |  |  |
|               | SLU                                                               | 1/150 | 805  | 689  | 596  | 520  | 458  | 406  | 362  | 305  | 262  | 235  | 212  | 197  | 158  | 139  | 124                                             | 110  | 96   | 81  |  |  |  |  |  |  |
|               | SLE*                                                              | 1/200 | 805  | 689  | 596  | 520  | 458  | 406  | 362  | 305  | 246  | 212  | 184  | 160  | 132  | 116  | 102                                             | 90   | 80   | 71  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/250 | 805  | 689  | 596  | 492  | 406  | 339  | 285  | 242  | 195  | 168  | 145  | 126  | 103  | 91   | 80                                              | 70   | 62   | 55  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/300 | 805  | 624  | 501  | 409  | 337  | 280  | 236  | 200  | 161  | 138  | 119  | 103  | 85   | 74   | 65                                              | 57   | 50   | 44  |  |  |  |  |  |  |
| 1,15          | SLU                                                               | ULS   | 1309 | 1120 | 969  | 846  | 745  | 660  | 589  | 529  | 458  | 415  | 378  | 345  | 304  | 279  | 258                                             | 238  | 221  | 205 |  |  |  |  |  |  |
|               | SLU                                                               | 1/150 | 935  | 800  | 692  | 604  | 532  | 472  | 421  | 378  | 327  | 296  | 270  | 246  | 217  | 186  | 165                                             | 146  | 130  | 116 |  |  |  |  |  |  |
|               | SLE*                                                              | 1/200 | 935  | 800  | 692  | 604  | 532  | 472  | 421  | 361  | 291  | 251  | 217  | 189  | 156  | 137  | 121                                             | 107  | 95   | 84  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/250 | 935  | 804  | 692  | 604  | 480  | 400  | 337  | 286  | 231  | 198  | 170  | 148  | 127  | 109  | 107                                             | 94   | 83   | 75  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/300 | 935  | 737  | 607  | 483  | 398  | 332  | 279  | 226  | 190  | 163  | 141  | 122  | 100  | 88   | 77                                              | 67   | 59   | 52  |  |  |  |  |  |  |
| 1,25          | SLU                                                               | ULS   | 1430 | 1224 | 1059 | 924  | 814  | 722  | 644  | 578  | 500  | 453  | 413  | 377  | 346  | 318  | 293                                             | 271  | 251  | 233 |  |  |  |  |  |  |
|               | SLU                                                               | 1/150 | 1022 | 874  | 756  | 660  | 581  | 515  | 460  | 413  | 362  | 327  | 297  | 270  | 246  | 217  | 186                                             | 165  | 144  | 129 |  |  |  |  |  |  |
|               | SLE*                                                              | 1/200 | 1022 | 874  | 756  | 660  | 581  | 515  | 460  | 413  | 322  | 277  | 240  | 209  | 172  | 151  | 134                                             | 118  | 105  | 93  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/250 | 1022 | 874  | 756  | 660  | 530  | 442  | 372  | 316  | 255  | 219  | 189  | 165  | 135  | 119  | 104                                             | 92   | 81   | 72  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/300 | 1022 | 814  | 654  | 533  | 440  | 366  | 308  | 261  | 210  | 180  | 156  | 135  | 111  | 97   | 85                                              | 75   | 66   | 58  |  |  |  |  |  |  |
| 1,50          | SLU                                                               | ULS   | 1735 | 1485 | 1284 | 1121 | 987  | 875  | 781  | 701  | 607  | 550  | 501  | 457  | 403  | 371  | 342                                             | 316  | 293  | 272 |  |  |  |  |  |  |
|               | SLU                                                               | 1/150 | 1239 | 1061 | 917  | 801  | 705  | 625  | 558  | 501  | 434  | 393  | 358  | 327  | 288  | 255  | 226                                             | 201  | 179  | 160 |  |  |  |  |  |  |
|               | SLE*                                                              | 1/200 | 1239 | 1061 | 917  | 801  | 705  | 625  | 558  | 501  | 399  | 344  | 298  | 259  | 214  | 188  | 166                                             | 147  | 130  | 116 |  |  |  |  |  |  |
|               | SLS*                                                              | 1/250 | 1239 | 1061 | 917  | 801  | 657  | 548  | 461  | 391  | 316  | 272  | 235  | 204  | 168  | 147  | 130                                             | 114  | 101  | 90  |  |  |  |  |  |  |
|               | SLS*                                                              | 1/300 | 1239 | 1008 | 811  | 661  | 545  | 454  | 382  | 323  | 261  | 224  | 193  | 168  | 138  | 120  | 106                                             | 93   | 82   | 72  |  |  |  |  |  |  |

I valori riportati in tabella sono da considerarsi come indicativi, è competenza del progettista procedere per i singoli casi di verifica al relativo calcolo.

Tabelle di portata (daN/m<sup>2</sup>) Load tables (daN/sqm)

Larghezza appoggio intermedio: 200 mm - Larghezza appoggio esterno: 100 mm Internal support width: 200 mm - End support width: 100 mm

| Sp. Th. |      | Interasse appoggi (m) / Carico uniformemente distribuito (daN/m <sup>2</sup> ) |             | Span (m) / Uniformly distributed load (daN/sqm) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|--------------------------------------------------------------------------------|-------------|-------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|         |      | CAMPATA DOPPIA                                                                 |             | DOUBLE SPAN                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| mm      |      | Stato limite                                                                   | Limit state | 2,60                                            | 2,80 | 3,00 | 3,20 | 3,40 | 3,60 | 3,80 | 4,00 | 4,20 | 4,40 | 4,60 | 4,80 | 5,00 | 5,20 | 5,40 | 5,60 | 5,80 | 6,00 |
| 0,75    | SLU  | ULS                                                                            | 537         | 478                                             | 429  | 387  | 352  | 321  | 294  | 270  | 238  | 221  | 205  | 191  | 171  | 160  | 150  | 141  | 133  | 125  |      |
|         | SLE* | 1/150                                                                          | 384         | 342                                             | 307  | 277  | 251  | 229  | 210  | 193  | 170  | 158  | 146  | 136  | 122  | 114  | 107  | 101  | 95   | 89   |      |
|         |      | 1/200                                                                          | 384         | 342                                             | 307  | 277  | 251  | 229  | 210  | 193  | 170  | 158  | 146  | 136  | 122  | 114  | 107  | 101  | 95   | 89   |      |
|         |      | 1/250                                                                          | 384         | 342                                             | 307  | 277  | 251  | 229  | 210  | 193  | 170  | 158  | 146  | 136  | 122  | 114  | 107  | 101  | 95   | 89   |      |
|         | SLS* | 1/300                                                                          | 384         | 342                                             | 307  | 277  | 251  | 229  | 210  | 193  | 170  | 158  | 146  | 136  | 122  | 114  | 107  | 101  | 95   | 89   |      |
| 0,80    | SLU  | ULS                                                                            | 624         | 555                                             | 498  | 449  | 407  | 371  | 340  | 312  | 275  | 254  | 236  | 220  | 196  | 183  | 172  | 161  | 152  | 143  |      |
|         | SLE* | 1/150                                                                          | 446         | 397                                             | 356  | 321  | 291  | 265  | 243  | 223  | 196  | 182  | 169  | 157  | 140  | 131  | 123  | 115  | 109  | 102  |      |
|         |      | 1/200                                                                          | 446         | 397                                             | 356  | 321  | 291  | 265  | 243  | 223  | 196  | 182  | 169  | 157  | 140  | 131  | 123  | 115  | 109  | 102  |      |
|         |      | 1/250                                                                          | 446         | 397                                             | 356  | 321  | 291  | 265  | 243  | 223  | 196  | 182  | 169  | 157  | 140  | 131  | 123  | 115  | 109  | 102  |      |
|         | SLS* | 1/300                                                                          | 446         | 397                                             | 356  | 321  | 291  | 265  | 243  | 223  | 196  | 182  | 169  | 157  | 140  | 131  | 123  | 115  | 109  | 102  |      |
| 0,88    | SLU  | ULS                                                                            | 762         | 677                                             | 606  | 546  | 495  | 450  | 412  | 378  | 332  | 307  | 284  | 265  | 235  | 220  | 206  | 194  | 182  | 172  |      |
|         | SLE* | 1/150                                                                          | 544         | 484                                             | 433  | 390  | 353  | 322  | 294  | 270  | 237  | 219  | 203  | 189  | 168  | 157  | 147  | 138  | 130  | 123  |      |
|         |      | 1/200                                                                          | 544         | 484                                             | 433  | 390  | 353  | 322  | 294  | 270  | 237  | 219  | 203  | 189  | 168  | 157  | 147  | 138  | 130  | 123  |      |
|         |      | 1/250                                                                          | 544         | 484                                             | 433  | 390  | 353  | 322  | 294  | 270  | 237  | 219  | 203  | 189  | 168  | 157  | 147  | 138  | 130  | 123  |      |
|         | SLS* | 1/300                                                                          | 544         | 484                                             | 433  | 390  | 353  | 322  | 294  | 270  | 237  | 219  | 203  | 189  | 168  | 157  | 147  | 138  | 130  | 123  |      |
| 1,00    | SLU  | ULS                                                                            | 928         | 824                                             | 736  | 662  | 599  | 545  | 497  | 456  | 420  | 388  | 359  | 334  | 311  | 291  | 272  | 255  | 240  | 226  |      |
|         | SLE* | 1/150                                                                          | 663         | 588                                             | 526  | 473  | 428  | 389  | 355  | 326  | 300  | 277  | 257  | 238  | 222  | 208  | 194  | 182  | 171  | 161  |      |
|         |      | 1/200                                                                          | 663         | 588                                             | 526  | 473  | 428  | 389  | 355  | 326  | 300  | 277  | 257  | 238  | 222  | 208  | 194  | 182  | 171  | 161  |      |
|         |      | 1/250                                                                          | 663         | 588                                             | 526  | 473  | 428  | 389  | 355  | 326  | 300  | 277  | 257  | 238  | 222  | 208  | 194  | 182  | 171  | 161  |      |
|         | SLS* | 1/300                                                                          | 663         | 588                                             | 526  | 473  | 428  | 389  | 355  | 326  | 300  | 277  | 257  | 238  | 222  | 208  | 194  | 182  | 171  | 161  |      |
| 1,15    | SLU  | ULS                                                                            | 1146        | 1015                                            | 906  | 813  | 735  | 667  | 608  | 557  | 512  | 473  | 438  | 406  | 378  | 353  | 330  | 310  | 291  | 273  |      |
|         | SLE* | 1/150                                                                          | 819         | 725                                             | 647  | 581  | 525  | 476  | 435  | 398  | 366  | 338  | 313  | 290  | 270  | 252  | 236  | 221  | 208  | 193  |      |
|         |      | 1/200                                                                          | 819         | 725                                             | 647  | 581  | 525  | 476  | 435  | 398  | 366  | 338  | 313  | 290  | 270  | 252  | 236  | 221  | 208  | 193  |      |
|         |      | 1/250                                                                          | 819         | 725                                             | 647  | 581  | 525  | 476  | 435  | 398  | 366  | 338  | 313  | 290  | 270  | 252  | 236  | 221  | 208  | 193  |      |
|         | SLS* | 1/300                                                                          | 819         | 725                                             | 647  | 581  | 525  | 476  | 435  | 398  | 366  | 338  | 313  | 290  | 270  | 252  | 236  | 221  | 208  | 193  |      |
| 1,25    | SLU  | ULS                                                                            | 1295        | 1146                                            | 1021 | 916  | 827  | 750  | 683  | 626  | 575  | 530  | 490  | 455  | 423  | 399  | 369  | 346  | 321  | 296  |      |
|         | SLE* | 1/150                                                                          | 925         | 818                                             | 729  | 654  | 590  | 536  | 488  | 447  | 411  | 379  | 350  | 325  | 302  | 282  | 264  | 247  | 229  | 213  |      |
|         |      | 1/200                                                                          | 925         | 818                                             | 729  | 654  | 590  | 536  | 488  | 447  | 411  | 379  | 350  | 325  | 302  | 282  | 264  | 247  | 229  | 213  |      |
|         |      | 1/250                                                                          | 925         | 818                                             | 729  | 654  | 590  | 536  | 488  | 447  | 411  | 379  | 350  | 325  | 302  | 282  | 264  | 247  | 229  | 213  |      |
|         | SLS* | 1/300                                                                          | 925         | 818                                             | 729  | 654  | 590  | 536  | 488  | 447  | 411  | 379  | 350  | 325  | 302  | 282  | 264  | 247  | 229  | 213  |      |
| 1,50    | SLU  | ULS                                                                            | 1652        | 1457                                            | 1295 | 1159 | 1044 | 945  | 860  | 785  | 721  | 663  | 613  | 568  | 528  | 486  | 449  | 415  | 385  | 357  |      |
|         | SLE* | 1/150                                                                          | 1180        | 1041                                            | 925  | 828  | 746  | 675  | 614  | 561  | 515  | 474  | 438  | 406  | 377  | 347  | 320  | 296  | 275  | 255  |      |
|         |      | 1/200                                                                          | 1180        | 1041                                            | 925  | 828  | 746  | 675  | 614  | 561  | 515  | 474  | 438  | 406  | 377  | 347  | 320  | 296  | 275  | 255  |      |
|         |      | 1/250                                                                          | 1180        | 1041                                            | 925  | 828  | 746  | 675  | 614  | 561  | 515  | 474  | 438  | 406  | 377  | 347  | 320  | 296  | 275  | 255  |      |
|         | SLS* | 1/300                                                                          | 1180        | 1041                                            | 925  | 828  | 746  | 675  | 614  | 561  | 515  | 474  | 438  | 406  | 377  | 347  | 320  | 296  | 275  | 255  |      |



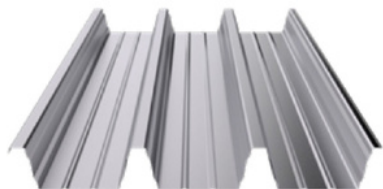
A: lato a vista - front side  
B: lato non a vista - back side

NEGATIVE

Reazione al fuoco Fire reaction  
**CLASS A1**

Comportamento al fuoco dall'esterno External fire performance  
**Roof (t1,t2,t3)**

Senza necessità di sottoporre a prova secondo la norma UNI EN 14782:2006. No lab test is required as per UNI EN 14782:2006.



APPLICAZIONI  
APPLICATIONS

**SANDnodrip**  
Class A2 - s1, d0 Roof (t1,t2,t3)

**SANDcontrol**  
Class C - s1, d0 Roof (t1,t2,t3)

| Sp. Th.<br>(mm) | Jy<br>(cm <sup>2</sup> /m) | We inf<br>(cm <sup>2</sup> /m) | We sup<br>(cm <sup>2</sup> /m) | Steel<br>Kg/m <sup>2</sup> |
|-----------------|----------------------------|--------------------------------|--------------------------------|----------------------------|
| 0,75            | 183,12                     | 54,89                          | 24,70                          | 9,30                       |
| 0,80            | 197,84                     | 58,77                          | 26,70                          | 9,92                       |
| 0,88            | 221,77                     | 64,98                          | 29,96                          | 10,91                      |
| 1,00            | 258,40                     | 74,34                          | 34,95                          | 12,39                      |
| 1,15            | 305,18                     | 86,05                          | 41,29                          | 14,25                      |
| 1,25            | 336,83                     | 93,79                          | 45,46                          | 15,49                      |
| 1,50            | 417,01                     | 112,21                         | 54,47                          | 18,59                      |

## Tabelle di portata (daN/m<sup>2</sup>) Load tables (daN/sqm)

steel s320p

\* Valori di portata caratteristici con coefficiente di sicurezza applicato pari a:  $\gamma_f = 1,40$ . Characteristic load with an applied safety coefficient equal to:  $\gamma_f = 1,40$ .  
In azzurro i valori rappresentativi della portata con inflessione limite raggiunta. The values indicated in blue are representative of the load capacity with the limit inflection reached.

Larghezza appoggio esterno: 100 mm

End support width: 100 mm

| Sp. Th.<br>mm | Interasse appoggi (m) / Carico uniformemente distribuito (daN/m <sup>2</sup> ) | Span (m) / Uniformly distributed load (daN/sqm)                                           | SINGLE SPAN |
|---------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------|
| mm            | Stato limite Limit state                                                       | 2,60 2,80 3,00 3,20 3,40 3,60 3,80 4,00 4,20 4,40 4,60 4,80 5,00 5,20 5,40 5,60 5,80 6,00 |             |
| 0,75          | SLU                                                                            | ULS 664 615 572 508 447 396 353 317 275 249 226 207 182 168 154 143 132 123               |             |
|               | SLE*                                                                           | 1/150 474 439 409 363 319 283 252 227 196 178 162 148 120 106 93 74 66                    |             |
|               | SLS*                                                                           | 1/200 474 439 409 363 319 283 241 205 165 142 123 107 88 78 68 60 54 38                   |             |
|               | SLS*                                                                           | 1/250 474 439 409 331 273 228 191 162 131 112 97 84 69 61 53 47 41 37                     |             |
| 0,80          | SLU                                                                            | ULS 763 707 623 544 479 425 379 340 294 267 243 222 195 180 166 153 142 132               |             |
|               | SLE*                                                                           | 1/150 545 505 445 389 342 303 271 243 210 191 173 158 130 114 101 90 80 71                |             |
|               | SLS*                                                                           | 1/200 545 505 445 389 342 303 271 243 210 154 133 116 96 84 74 65 58 51                   |             |
|               | SLS*                                                                           | 1/250 545 505 445 358 295 246 207 175 142 122 105 91 75 66 58 51 45 40                    |             |
| 0,88          | SLU                                                                            | ULS 933 799 691 603 531 471 420 377 326 296 269 246 217 199 184 170 157 146               |             |
|               | SLE*                                                                           | 1/150 667 570 493 431 379 336 300 269 233 211 192 176 146 128 113 101 90 80               |             |
|               | SLS*                                                                           | 1/200 667 570 493 431 379 336 300 248 201 173 150 130 107 94 83 73 65 58                  |             |
|               | SLS*                                                                           | 1/250 667 570 493 401 331 276 232 197 159 136 118 102 84 74 65 57 50 45                   |             |
| 1,00          | SLU                                                                            | ULS 1071 916 792 692 609 540 482 432 374 339 309 282 249 229 211 195 181 168              |             |
|               | SLE*                                                                           | 1/150 765 654 566 494 435 386 344 309 267 242 221 201 170 150 132 117 105 93              |             |
|               | SLS*                                                                           | 1/200 765 654 566 494 435 386 344 290 234 202 175 152 125 110 97 86 76 68                 |             |
|               | SLS*                                                                           | 1/250 765 654 566 468 386 322 271 230 185 159 138 120 98 86 76 67 59 52                   |             |
| 1,15          | SLU                                                                            | ULS 1243 1064 920 804 707 627 560 502 435 394 359 328 289 265 245 226 210 195             |             |
|               | SLE*                                                                           | 1/150 888 760 657 574 505 448 400 359 311 282 256 224 206 177 157 139 124 111             |             |
|               | SLS*                                                                           | 1/200 888 760 657 574 505 448 400 343 277 238 207 180 148 130 115 102 90 80               |             |
|               | SLS*                                                                           | 1/250 888 760 657 574 456 380 320 272 219 188 163 142 116 102 90 79 70 62                 |             |
| 1,25          | SLU                                                                            | ULS 1359 1163 1006 878 773 686 612 549 475 431 392 358 328 302 278 257 239 222            |             |
|               | SLE*                                                                           | 1/150 971 831 718 627 552 490 437 392 340 308 280 256 234 206 177 157 139 122             |             |
|               | SLS*                                                                           | 1/200 971 831 718 627 552 490 437 392 306 263 228 199 164 144 127 112 100 89              |             |
|               | SLS*                                                                           | 1/250 971 831 718 627 504 420 354 300 242 208 180 156 129 113 99 87 77 69                 |             |
| 1,50          | SLU                                                                            | ULS 1648 1410 1220 1065 938 832 742 666 577 523 476 435 383 352 325 300 278 259           |             |
|               | SLE*                                                                           | 1/150 1177 1007 871 761 670 594 530 476 412 373 340 310 274 243 215 191 170 152           |             |
|               | SLS*                                                                           | 1/200 1177 1007 871 761 670 594 530 476 379 326 283 246 203 179 158 139 124 110           |             |
|               | SLS*                                                                           | 1/250 1177 1007 871 761 624 521 438 372 300 258 223 194 160 140 123 109 96 85             |             |

I valori riportati in tabella sono da considerarsi come indicativi, è competenza del progettista procedere per i singoli casi di verifica al relativo calcolo.

## Tabelle di portata (daN/m<sup>2</sup>) Load tables (daN/sqm)

Larghezza appoggio intermedio: 200 mm - Larghezza appoggio esterno: 100 mm

Internal support width: 200 mm - End support width: 100 mm

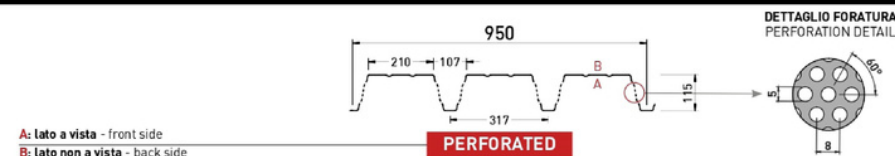
| Sp. Th.<br>mm | Interasse appoggi (m) / Carico uniformemente distribuito (daN/m <sup>2</sup> ) | Span (m) / Uniformly distributed load (daN/sqm)                                           | DOUBLE SPAN |
|---------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------|
| mm            | Stato limite Limit state                                                       | 2,60 2,80 3,00 3,20 3,40 3,60 3,80 4,00 4,20 4,40 4,60 4,80 5,00 5,20 5,40 5,60 5,80 6,00 |             |
| 0,75          | SLU                                                                            | ULS 510 455 408 368 334 305 279 257 226 210 195 181 162 152 142 134 126 119               |             |
|               | SLE*                                                                           | 1/150 364 325 291 263 239 218 199 183 162 150 139 130 116 108 102 96 90 85                |             |
|               | SLS*                                                                           | 1/200 364 325 291 263 239 218 199 183 162 150 139 130 116 108 102 96 90 85                |             |
|               | SLS*                                                                           | 1/300 364 325 291 263 239 218 199 183 162 150 139 130 116 108 102 96 90 85                |             |
| 0,80          | SLU                                                                            | ULS 593 528 473 427 387 352 323 296 261 242 224 209 186 174 163 153 144 136               |             |
|               | SLE*                                                                           | 1/150 423 377 338 305 276 252 230 212 186 173 160 149 133 124 117 110 103 97              |             |
|               | SLS*                                                                           | 1/200 423 377 338 305 276 252 230 212 186 173 160 149 133 124 117 110 103 97              |             |
|               | SLS*                                                                           | 1/300 423 377 338 305 276 252 230 212 186 173 160 149 133 124 117 110 103 97              |             |
| 0,88          | SLU                                                                            | ULS 724 643 576 519 470 428 391 359 315 291 270 251 224 209 186 174 163 153               |             |
|               | SLE*                                                                           | 1/150 517 459 411 371 336 306 279 256 225 208 193 180 160 149 140 131 124 117             |             |
|               | SLS*                                                                           | 1/200 517 459 411 371 336 306 279 256 225 208 193 180 160 149 140 131 124 117             |             |
|               | SLS*                                                                           | 1/300 517 459 411 371 336 306 279 256 225 208 193 180 160 149 140 131 124 117             |             |
| 1,00          | SLU                                                                            | ULS 882 783 699 629 569 517 472 433 399 368 341 317 295 276 258 242 228 215               |             |
|               | SLE*                                                                           | 1/150 630 559 500 449 406 369 337 309 285 263 244 227 211 197 185 173 163 153             |             |
|               | SLS*                                                                           | 1/200 630 559 500 449 406 369 337 309 285 263 244 227 211 197 185 173 163 153             |             |
|               | SLS*                                                                           | 1/300 630 559 500 449 406 369 337 309 285 263 244 227 211 197 185 173 163 153             |             |
| 1,15          | SLU                                                                            | ULS 1089 965 861 773 698 634 578 529 487 449 416 386 359 335 314 294 276 257              |             |
|               | SLE*                                                                           | 1/150 778 689 615 552 499 453 413 378 348 321 297 276 257 240 224 210 197 184             |             |
|               | SLS*                                                                           | 1/200 778 689 615 552 499 453 413 378 348 321 297 276 257 240 224 210 197 184             |             |
|               | SLS*                                                                           | 1/300 778 689 615 552 499 453 413 378 348 321 297 276 257 240 224 210 197 184             |             |
| 1,25          | SLU                                                                            | ULS 1230 1088 970 870 785 712 649 594 546 504 466 432 402 375 351 329 305 283             |             |
|               | SLE*                                                                           | 1/150 879 777 693 622 561 509 464 424 390 360 333 309 287 268 251 235 218 202             |             |
|               | SLS*                                                                           | 1/200 879 777 693 622 561 509 464 424 390 360 333 309 287 268 251 235 218 202             |             |
|               | SLS*                                                                           | 1/300 879 777 693 622 561 509 464 424 390 360 333 309 287 268 251 235 218 202             |             |
| 1,50          | SLU                                                                            | ULS 1569 1384 1230 1101 992 898 817 746 684 630 582 540 501 462 426 394 365 339           |             |
|               | SLE*                                                                           | 1/150 1121 989 879 787 708 641 583 533 489 450 416 385 358 330 304 281 261 242            |             |
|               | SLS*                                                                           | 1/200 1121 989 879 787 708 641 583 533 489 450 416 385 358 330 304 281 261 242            |             |
|               | SLS*                                                                           | 1/300 1121 989 879 787 708 641 583 533 489 450 416 385 358 330 304 281 261 242            |             |

Larghezza appoggio intermedio: 200 mm - Larghezza appoggio esterno: 100 mm

Internal support width: 200 mm - End support width: 100 mm

| Sp. Th.<br>mm | Interasse appoggi (m) / Carico uniformemente distribuito (daN/m <sup>2</sup> ) | Span (m) / Uniformly distributed load (daN/sqm)                                           | MULTIPLE SPAN |
|---------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------|
| mm            | Stato limite Limit state                                                       | 2,60 2,80 3,00 3,20 3,40 3,60 3,80 4,00 4,20 4,40 4,60 4,80 5,00 5,20 5,40 5,60 5,80 6,00 |               |
| 0,75          | SLU                                                                            | ULS 607 542 487 440 400 365 335 308 273 253 235 219 196 184 172 162 153 144               |               |
|               | SLE*                                                                           | 1/150 433 387 348 314 286 261 239 220 195 180 168 156 140 131 123 116 109 103             |               |
|               | SLS*                                                                           | 1/200 433 387 348 314 286 261 239 220 195 180 168 156 140 131 123 116 109 103             |               |
|               | SLS*                                                                           | 1/300 433 387 348 314 286 261 239 220 195 180 168 156 140 127 112 99 88 79                |               |
| 0,80          | SLU                                                                            | ULS 706 629 565 511 464 423 388 357 314 291 271 252 225 211 198 186 175 165               |               |
|               | SLE*                                                                           | 1/150 504 450 404 365 331 302 277 255 225 208 193 180 161 151 141 133 125 118             |               |
|               | SLS*                                                                           | 1/200 504 450 404 365 331 302 277 255 225 208 193 180 161 151 141 133 125 118             |               |
|               | SLS*                                                                           | 1/300 504 450 404 365 331 302 277 255 225 208 193 180 161 137 121 107 95 85               |               |
| 0,88          | SLU                                                                            | ULS 863 769 689 622 564 514 471 433 380 352 327 304 271 254 238 223 210 198               |               |
|               | SLE*                                                                           | 1/150 617 549 492 444 403 367 336 309 272 251 233 217 194 181 170 160 150 142             |               |
|               | SLS*                                                                           | 1/200 617 549 492 444 403 367 336 309 272 251 233 217 194 181 170 160 150 142             |               |
|               | SLS*                                                                           | 1/300 617 549 492 444 403 367 336 309 272 251 233 199 175 154 136 121 107 96              |               |
| 1,00          | SLU                                                                            | ULS 1054 937 839 756 685 623 570 523 482 446 413 385 359 335 314 295 277 262              |               |
|               | SLE*                                                                           | 1/150 753 670 599 540 489 445 407 374 344 318 295 275 256 239 224 211 198 187             |               |
|               | SLS*                                                                           | 1/200 753 670 599 540 489 445 407 374 344 318 295 275 256 239 224 211 198 187             |               |
|               | SLS*                                                                           | 1/250 753 670 599 540 489 445 407 374 344 318 295 275 256 239 193 171 153 136             |               |
| 1,15          | SLU                                                                            | ULS 1305 1158 1035 921 842 765 699 641 590 545 505 469 437 408 382 358 337 317            |               |
|               | SLE*                                                                           | 1/150 932 827 739 665 601 547 499 458 421 389 361 335 312 292 273 256 241 227             |               |
|               | SLS*                                                                           | 1/200 932 827 739 665 601 547 499 458 421 389 361 335 312 292 273 256 241 205             |               |
|               | SLS*                                                                           | 1/250 932 827 739 665 601 547 499 458 421 389 361 335 312 258 228 203 181 162             |               |
| 1,25          | SLU                                                                            | ULS 1476 1308 1168 1049 948 861 786 720 662 611 566 526 490 457 428 401 377 355           |               |
|               | SLE*                                                                           | 1/150 1055 935 834 750 677 615 561 514 473 437 404 376 350 327 306 287 269 227            |               |
|               | SLS*                                                                           | 1/200 1055 935 834 750 677 615 561 514 473 437 404 376 350 327 306 287 269 227            |               |
|               | SLS*                                                                           | 1/300 1055 935 834 750 677 615 561 514 473 401 348 304 266 235 207 184 164 146            |               |
| 1,50          | SLU                                                                            | ULS 1890 1670 1487 1333 1202 1089 992 907 833 768 710 658 612 571 534 498 462 430         |               |
|               | SLE*                                                                           | 1/150 1350 1193 1062 952 858 778 708 648 595 548 507 470 437 408 381 356 330 307          |               |
|               | SLS*                                                                           | 1/200 1350 1193 1062 952 858 778 708 648 595 548 507 470 437 408 381 356 330 281          |               |
|               | SLS*                                                                           | 1/250 1350 1193 1062 952 858 778 708 648 595 548 507 470 437 408 381 356 330 281          |               |

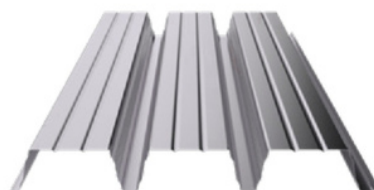
The values shown in the table must be considered as indicative, the designer has the responsibility to proceed with the relevant calculation in any individual cases.



Reazione al fuoco Fire reaction  
**CLASS A1**

Comportamento al fuoco dall'esterno External fire performance  
**Broof (t1,t2,t3)**

Senza necessità di sottoporre a prova secondo la norma UNI EN 14782:2006. No lab test is required as per UNI EN 14782:2006.



APPLICAZIONI  
APPLICATIONS



**SANDnodrip**  
Class A2 - s1, d0

Broof (t1,t2,t3)



**SANDcontrol**  
Class C - s1, d0

Broof (t1,t2,t3)

# DATI STATICI STATIC DATA PESO WEIGHT

| Sp. Th.<br>(mm) | Jy<br>(cm <sup>4</sup> /m) | We inf<br>(cm <sup>3</sup> /m) | We sup<br>(cm <sup>3</sup> /m) | Steel<br>Kg/m <sup>2</sup> |
|-----------------|----------------------------|--------------------------------|--------------------------------|----------------------------|
| 0,75            | 165,89                     | 22,06                          | 41,07                          | 8,84                       |
| 0,80            | 178,97                     | 23,89                          | 43,96                          | 9,43                       |
| 0,88            | 200,19                     | 26,06                          | 48,60                          | 10,37                      |
| 1,00            | 232,53                     | 31,43                          | 55,57                          | 11,78                      |
| 1,15            | 273,53                     | 37,25                          | 64,30                          | 13,55                      |
| 1,25            | 300,52                     | 41,06                          | 70,07                          | 14,73                      |
| 1,50            | 360,63                     | 49,19                          | 83,84                          | 17,68                      |

Valori riferiti alla versione | Values referred to version **PERFORATED**

## Tabelle di portata (daN/m<sup>2</sup>) Load tables (daN/sqm)

steel S320GD

\* Valori di portata caratteristici con coefficiente di sicurezza applicato pari a:  $\gamma_s = 1,40$ . Characteristic load with an applied safety coefficient equal to:  $\gamma_s = 1,40$ .

In rosso i valori rappresentativi della portata con inflessione limite raggiunta. The values indicated in blue are representative of the load capacity with the limit inflection reached.

## Larghezza appoggio esterno: 100 mm End support width: 100 mm

| Sp. Th. | Interasse appoggi (m) / Carico uniformemente distribuito (daN/m <sup>2</sup> ) | Span (m) / Uniformly distributed load (daN/sqm)                                           | SINGLE SPAN                                                                       |
|---------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm      | CAMPATA SINGOLA                                                                |                                                                                           |                                                                                   |
| mm      | Stato limite Limit state                                                       | 2,60 2,80 3,00 3,20 3,40 3,60 3,80 4,00 4,20 4,40 4,60 4,80 5,00 5,20 5,40 5,60 5,80 6,00 |                                                                                   |
| 0,75    | SLU                                                                            | ULS                                                                                       | 419 373 335 302 274 250 229 211 186 172 160 149 133 123 114 106 95 89 84 78 74 70 |
|         | SLE*                                                                           | 1/150                                                                                     | 299 267 239 216 196 179 164 150 133 123 114 106 95 89 84 78 74 70                 |
|         | SLS*                                                                           | 1/200                                                                                     | 299 267 239 216 196 179 164 150 133 123 114 106 95 89 84 78 74 70                 |
|         | SLS*                                                                           | 1/250                                                                                     | 299 267 239 216 196 179 164 150 133 123 114 106 95 89 84 78 74 70                 |
| 0,80    | SLU                                                                            | ULS                                                                                       | 487 433 388 350 318 289 265 243 214 198 184 171 153 143 134 126 119 112           |
|         | SLE*                                                                           | 1/150                                                                                     | 348 309 277 250 227 207 189 174 153 142 131 122 109 102 96 90 85 80               |
|         | SLS*                                                                           | 1/200                                                                                     | 348 309 277 250 227 207 189 174 153 142 131 122 109 102 96 90 85 80               |
|         | SLS*                                                                           | 1/250                                                                                     | 348 309 277 250 227 207 189 174 153 142 131 122 109 102 96 90 85 80               |
| 0,88    | SLU                                                                            | ULS                                                                                       | 594 528 473 426 386 351 321 295 259 239 222 206 184 172 161 151 142 134           |
|         | SLE*                                                                           | 1/150                                                                                     | 424 377 338 304 276 251 229 211 185 171 158 147 131 123 115 108 101 96            |
|         | SLS*                                                                           | 1/200                                                                                     | 424 377 338 304 276 251 229 211 185 171 158 147 131 123 115 108 101 96            |
|         | SLS*                                                                           | 1/250                                                                                     | 424 377 338 304 276 251 229 211 185 171 158 147 131 123 115 108 101 96            |
| 1,00    | SLU                                                                            | ULS                                                                                       | 724 643 574 516 467 425 388 356 327 302 280 260 243 227 212 199 187 176           |
|         | SLE*                                                                           | 1/150                                                                                     | 517 459 410 369 334 303 277 254 234 216 200 186 173 162 152 142 134 126           |
|         | SLS*                                                                           | 1/200                                                                                     | 517 459 410 369 334 303 277 254 234 216 200 186 173 162 152 142 134 126           |
|         | SLS*                                                                           | 1/250                                                                                     | 517 459 410 369 334 303 277 254 234 216 200 186 173 162 152 142 134 126           |
| 1,15    | SLU                                                                            | ULS                                                                                       | 894 792 707 634 573 520 475 435 400 369 341 317 293 275 258 241 227 211           |
|         | SLE*                                                                           | 1/150                                                                                     | 639 566 505 453 409 372 339 310 285 263 244 226 211 197 184 172 162 151           |
|         | SLS*                                                                           | 1/200                                                                                     | 639 566 505 453 409 372 339 310 285 263 244 226 211 197 184 172 162 151           |
|         | SLS*                                                                           | 1/250                                                                                     | 639 566 505 453 409 372 339 310 285 263 244 226 211 197 184 172 162 151           |
| 1,25    | SLU                                                                            | ULS                                                                                       | 1010 894 796 714 645 585 533 488 448 413 382 355 330 308 288 270 250 233          |
|         | SLE*                                                                           | 1/150                                                                                     | 722 638 569 510 461 418 381 349 320 295 273 253 236 220 206 193 179 166           |
|         | SLS*                                                                           | 1/200                                                                                     | 722 638 569 510 461 418 381 349 320 295 273 253 236 220 206 193 179 166           |
|         | SLS*                                                                           | 1/250                                                                                     | 722 638 569 510 461 418 381 349 320 295 273 253 236 220 206 193 179 166           |
| 1,50    | SLU                                                                            | ULS                                                                                       | 1289 1137 1010 904 814 737 670 613 562 517 478 443 412 379 350 324 300 279        |
|         | SLE*                                                                           | 1/150                                                                                     | 920 812 722 646 582 526 479 438 401 370 341 316 294 271 250 231 214 199           |
|         | SLS*                                                                           | 1/200                                                                                     | 920 812 722 646 582 526 479 438 401 370 341 316 294 271 250 231 214 199           |
|         | SLS*                                                                           | 1/250                                                                                     | 920 812 722 646 582 526 479 438 401 370 341 316 294 271 250 231 214 199           |

I valori riportati in tabella sono da considerarsi come indicativi, è competenza del progettista procedere per i singoli casi di verifica al relativo calcolo.

## Tabelle di portata (daN/m<sup>2</sup>) Load tables (daN/sqm)

### Larghezza appoggio intermedio: 200 mm - Larghezza appoggio esterno: 100 mm Internal support width: 200 mm - End support width: 100 mm

| Sp. Th. | Interasse appoggi (m) / Carico uniformemente distribuito (daN/m <sup>2</sup> ) | Span (m) / Uniformly distributed load (daN/sqm)                                           | DOUBLE SPAN                                                                       |
|---------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm      | CAMPATA DOPPIA                                                                 |                                                                                           |                                                                                   |
| mm      | Stato limite Limit state                                                       | 2,60 2,80 3,00 3,20 3,40 3,60 3,80 4,00 4,20 4,40 4,60 4,80 5,00 5,20 5,40 5,60 5,80 6,00 |                                                                                   |
| 0,75    | SLU                                                                            | ULS                                                                                       | 419 373 335 302 274 250 229 211 186 172 160 149 133 123 114 106 95 89 84 78 74 70 |
|         | SLE*                                                                           | 1/150                                                                                     | 299 267 239 216 196 179 164 150 133 123 114 106 95 89 84 78 74 70                 |
|         | SLS*                                                                           | 1/200                                                                                     | 299 267 239 216 196 179 164 150 133 123 114 106 95 89 84 78 74 70                 |
|         | SLS*                                                                           | 1/250                                                                                     | 299 267 239 216 196 179 164 150 133 123 114 106 95 89 84 78 74 70                 |
| 0,80    | SLU                                                                            | ULS                                                                                       | 487 433 388 350 318 289 265 243 214 198 184 171 153 143 134 126 119 112           |
|         | SLE*                                                                           | 1/150                                                                                     | 348 309 277 250 227 207 189 174 153 142 131 122 109 102 96 90 85 80               |
|         | SLS*                                                                           | 1/200                                                                                     | 348 309 277 250 227 207 189 174 153 142 131 122 109 102 96 90 85 80               |
|         | SLS*                                                                           | 1/250                                                                                     | 348 309 277 250 227 207 189 174 153 142 131 122 109 102 96 90 85 80               |
| 0,88    | SLU                                                                            | ULS                                                                                       | 594 528 473 426 386 351 321 295 259 239 222 206 184 172 161 151 142 134           |
|         | SLE*                                                                           | 1/150                                                                                     | 424 377 338 304 276 251 229 211 185 171 158 147 131 123 115 108 101 96            |
|         | SLS*                                                                           | 1/200                                                                                     | 424 377 338 304 276 251 229 211 185 171 158 147 131 123 115 108 101 96            |
|         | SLS*                                                                           | 1/250                                                                                     | 424 377 338 304 276 251 229 211 185 171 158 147 131 123 115 108 101 96            |
| 1,00    | SLU                                                                            | ULS                                                                                       | 724 643 574 516 467 425 388 356 327 302 280 260 243 227 212 199 187 176           |
|         | SLE*                                                                           | 1/150                                                                                     | 517 459 410 369 334 303 277 254 234 216 200 186 173 162 152 142 134 126           |
|         | SLS*                                                                           | 1/200                                                                                     | 517 459 410 369 334 303 277 254 234 216 200 186 173 162 152 142 134 126           |
|         | SLS*                                                                           | 1/250                                                                                     | 517 459 410 369 334 303 277 254 234 216 200 186 173 162 152 142 134 126           |
| 1,15    | SLU                                                                            | ULS                                                                                       | 894 792 707 634 573 520 475 435 400 369 341 317 293 275 258 241 227 211           |
|         | SLE*                                                                           | 1/150                                                                                     | 639 566 505 453 409 372 339 310 285 263 244 226 211 197 184 172 162 151           |
|         | SLS*                                                                           | 1/200                                                                                     | 639 566 505 453 409 372 339 310 285 263 244 226 211 197 184 172 162 151           |
|         | SLS*                                                                           | 1/250                                                                                     | 639 566 505 453 409 372 339 310 285 263 244 226 211 197 184 172 162 151           |
| 1,25    | SLU                                                                            | ULS                                                                                       | 1010 894 796 714 645 585 533 488 448 413 382 355 330 308 288 270 250 233          |
|         | SLE*                                                                           | 1/150                                                                                     | 722 638 569 510 461 418 381 349 320 295 273 253 236 220 206 193 179 166           |
|         | SLS*                                                                           | 1/200                                                                                     | 722 638 569 510 461 418 381 349 320 295 273 253 236 220 206 193 179 166           |
|         | SLS*                                                                           | 1/250                                                                                     | 722 638 569 510 461 418 381 349 320 295 273 253 236 220 206 193 179 166           |
| 1,50    | SLU                                                                            | ULS                                                                                       | 1289 1137 1010 904 814 737 670 613 562 517 478 443 412 379 350 324 300 279        |
|         | SLE*                                                                           | 1/150                                                                                     | 920 812 722 646 582 526 479 438 401 370 341 316 294 271 250 231 214 199           |
|         | SLS*                                                                           | 1/200                                                                                     | 920 812 722 646 582 526 479 438 401 370 341 316 294 271 250 231 214 199           |
|         | SLS*                                                                           | 1/250                                                                                     | 920 812 722 646 582 526 479 438 401 370 341 316 294 271 250 231 214 199           |

### Larghezza appoggio intermedio: 200 mm - Larghezza appoggio esterno: 100 mm Internal support width: 200 mm - End support width: 100 mm

| Sp. Th. | Interasse appoggi (m) / Carico uniformemente distribuito (daN/m <sup>2</sup> ) | Span (m) / Uniformly distributed load (daN/sqm)                                           | MULTIPLE SPAN                                                               |
|---------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| mm      | CAMPATA MULTIPLA                                                               |                                                                                           |                                                                             |
| mm      | Stato limite Limit state                                                       | 2,60 2,80 3,00 3,20 3,40 3,60 3,80 4,00 4,20 4,40 4,60 4,80 5,00 5,20 5,40 5,60 5,80 6,00 |                                                                             |
| 0,75    | SLU                                                                            | ULS                                                                                       | 498 445 400 361 328 300 275 253 224 207 193 180 161 151 141 133 125 118     |
|         | SLE*                                                                           | 1/150                                                                                     | 356 318 285 258 235 214 196 181 160 148 138 128 115 108 101 95 90 85        |
|         | SLS*                                                                           | 1/200                                                                                     | 356 318 285 258 235 214 196 181 160 148 138 128 115 108 101 95 90 85        |
|         | SLS*                                                                           | 1/250                                                                                     | 356 318 285 258 235 214 196 181 160 148 138 128 115 108 101 95 90 85        |
| 0,80    | SLU                                                                            | ULS                                                                                       | 580 517 464 419 381 347 318 293 258 239 222 207 185 173 162 153 144 136     |
|         | SLE*                                                                           | 1/150                                                                                     | 414 369 331 299 272 248 227 209 184 171 159 148 132 124 116 109 103 97      |
|         | SLS*                                                                           | 1/200                                                                                     | 414 369 331 299 272 248 227 209 184 171 159 148 132 124 116 109 103 97      |
|         | SLS*                                                                           | 1/250                                                                                     | 414 369 331 299 272 248 227 209 184 171 159 148 132 124 116 109 103 97      |
| 0,88    | SLU                                                                            | ULS                                                                                       | 709 631 566 511 463 422 387 355 312 289 268 250 222 208 195 183 173 163     |
|         | SLE*                                                                           | 1/150                                                                                     | 506 451 404 365 331 302 276 254 223 206 192 178 159 149 139 131 123 116     |
|         | SLS*                                                                           | 1/200                                                                                     | 506 451 404 365 331 302 276 254 223 206 192 178 159 149 139 131 123 116     |
|         | SLS*                                                                           | 1/250                                                                                     | 506 451 404 365 331 302 276 254 223 206 192 178 159 149 139 131 123 116     |
| 1,00    | SLU                                                                            | ULS                                                                                       | 866 770 689 621 562 512 468 430 396 366 339 316 294 275 258 242 228 215     |
|         | SLE*                                                                           | 1/150                                                                                     | 618 550 492 443 402 366 334 307 283 261 242 226 210 197 184 173 163 153     |
|         | SLS*                                                                           | 1/200                                                                                     | 618 550 492 443 402 366 334 307 283 261 242 226 210 197 184 173 163 153     |
|         | SLS*                                                                           | 1/250                                                                                     | 618 550 492 443 402 366 334 307 283 261 242 226 210 197 184 173 163 153     |
| 1,15    | SLU                                                                            | ULS                                                                                       | 1072 951 850 764 691 628 574 526 484 447 414 385 359 335 314 294 277 261    |
|         | SLE*                                                                           | 1/150                                                                                     | 765 679 607 546 494 449 410 376 346 319 296 275 256 239 224 210 198 186     |
|         | SLS*                                                                           | 1/200                                                                                     | 765 679 607 546 494 449 410 376 346 319 296 275 256 239 224 210 198 186     |
|         | SLS*                                                                           | 1/250                                                                                     | 765 679 607 546 494 449 410 376 346 319 296 275 256 239 224 210 198 186     |
| 1,25    | SLU                                                                            | ULS                                                                                       | 1212 1074 959 862 779 707 645 591 544 502 465 432 402 375 351 329 310 291   |
|         | SLE*                                                                           | 1/150                                                                                     | 866 767 685 615 556 505 461 422 389 359 332 308 287 268 251 235 221 208     |
|         | SLS*                                                                           | 1/200                                                                                     | 866 767 685 615 556 505 461 422 389 359 332 308 287 268 251 235 221 208     |
|         | SLS*                                                                           | 1/250                                                                                     | 866 767 685 615 556 505 461 422 389 359 332 308 287 268 251 235 221 208     |
| 1,50    | SLU                                                                            | ULS                                                                                       | 1552 1371 1221 1094 987 894 814 745 684 630 583 541 503 469 438 409 380 353 |
|         | SLE*                                                                           | 1/150                                                                                     | 1109 980 872 782 705 639 582 532 489 450 416 386 359 335 313 292 271 252    |
|         | SLS*                                                                           | 1/200                                                                                     | 1109 980 872 782 705 639 582 532 489 450 416 386 359 335 313 292 271 252    |
|         | SLS*                                                                           | 1/250                                                                                     | 1109 980 872 782 705 639 582 532 489 450 416 386 359 335 313 292 271 252    |

The values shown in the table must be considered as indicative, the designer has the responsibility to proceed with the relevant calculation in any individual cases.