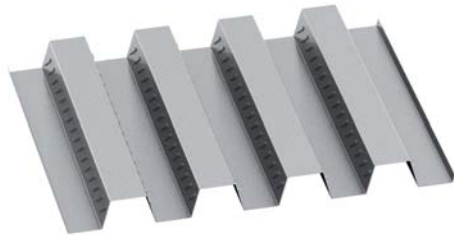
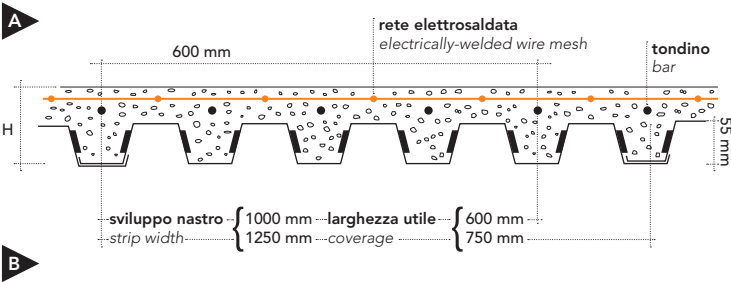


Solai con lamiere collaboranti con puntellazioni e armatura al negativo

Floors with collaborating plates with struts and negative reinforcement  
Sohlen mit verbundenen Blechen mit Stützen und negativem Gerüst  
Planchers avec des tôles collaborant avec étançonnements et armature au négatif  
Suelos con planchas colaborantes con apuntalaciones y armadura al negativo

L'approccio generale del calcolo è quello dell'Eurocodice 4 "Progettazione delle strutture acciaio-calcestruzzo", Parte 1-1 "Regole generali e regole per gli edifici".  
The calculation approach is provided by the Eurocode 4 "Design of composite steel and concrete structures", Part 1-1 "General rules and rules for building".

EGB 210 H=11 cm



EGB 210 H=11 cm

| Caratteristiche del profilo Section properties |             |             |       |
|------------------------------------------------|-------------|-------------|-------|
| Spessore Thickness                             | Peso Weight | Peso Weight |       |
|                                                |             | 1000        | 1250  |
| mm                                             | kg/m²       | kg/m        |       |
| 0,7                                            | 9,16        | 5,50        | 6,87  |
| 0,8                                            | 10,47       | 6,28        | 7,85  |
| 1,0                                            | 13,08       | 7,85        | 9,81  |
| 1,2                                            | 15,70       | 9,42        | 11,78 |

EGB 210 H=11 cm

1 campata 1 span

| Spessore Thickness | Sovraccarico di esercizio utile uniformemente distribuito kN/m² - Useful working overload, uniformly distributed (kN/m²) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| mm                 | 1,50                                                                                                                     | 2,00 | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 7,00 | 8,00 | 10,00 | 12,00 | 15,00 | 20,00 |
|                    | Luce massima in m per solai - Maximum span in m for floors                                                               |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |
| 0,7                | 5.20                                                                                                                     | 5.08 | 4.28 | 3.73 | 3.34 | 3.03 | 2.79 | 2.59 | 2.42 | 2.28 | 2.06 | 1.88 | 1.63  | 1.45  | 1.26  | 1.06  |
| 0,8                | 5.80                                                                                                                     | 5.27 | 4.46 | 3.91 | 3.50 | 3.19 | 2.94 | 2.74 | 2.57 | 2.43 | 2.19 | 2.01 | 1.75  | 1.56  | 1.36  | 1.15  |
| 1,0                | 6.70                                                                                                                     | 5.66 | 4.84 | 4.27 | 3.85 | 3.52 | 3.26 | 3.05 | 2.87 | 2.71 | 2.47 | 2.27 | 1.98  | 1.78  | 1.56  | 1.32  |
| 1,2                | 6.86                                                                                                                     | 5.97 | 5.12 | 4.53 | 4.10 | 3.76 | 3.48 | 3.26 | 3.07 | 2.91 | 2.64 | 2.44 | 2.13  | 1.92  | 1.68  | 1.43  |

EGB 210 H=11 cm

2 campate 2 spans

| Spessore Thickness | Sovraccarico di esercizio utile uniformemente distribuito kN/m² - Useful working overload, uniformly distributed (kN/m²) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| mm                 | 1,50                                                                                                                     | 2,00 | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 7,00 | 8,00 | 10,00 | 12,00 | 15,00 | 20,00 |
|                    | Luce massima in m per solai - Maximum span in m for floors                                                               |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |
| 0,7                | 5.60                                                                                                                     | 5.60 | 5.26 | 4.64 | 4.13 | 3.73 | 3.42 | 3.17 | 2.96 | 2.79 | 2.50 | 2.28 | 1.97  | 1.74  | 1.45  | 1.08  |
| 0,8                | 6.00                                                                                                                     | 6.00 | 5.41 | 4.82 | 4.31 | 3.91 | 3.60 | 3.34 | 3.13 | 2.94 | 2.65 | 2.43 | 2.10  | 1.87  | 1.60  | 1.20  |
| 1,0                | 6.45                                                                                                                     | 6.05 | 5.41 | 4.94 | 4.57 | 4.27 | 3.94 | 3.68 | 3.45 | 3.26 | 2.95 | 2.71 | 2.36  | 2.11  | 1.75  | 1.31  |
| 1,2                | 6.85                                                                                                                     | 6.05 | 5.41 | 4.94 | 4.57 | 4.28 | 4.03 | 3.83 | 3.65 | 3.48 | 3.16 | 2.91 | 2.54  | 2.27  | 1.88  | 1.41  |

EGB 210 H=11 cm

N campate N spans

| Spessore Thickness | Sovraccarico di esercizio utile uniformemente distribuito kN/m² - Useful working overload, uniformly distributed (kN/m²) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| mm                 | 1,50                                                                                                                     | 2,00 | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 7,00 | 8,00 | 10,00 | 12,00 | 15,00 | 20,00 |
|                    | Luce massima in m per solai - Maximum span in m for floors                                                               |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |
| 0,7                | 5.60                                                                                                                     | 5.41 | 5.08 | 4.41 | 3.93 | 3.56 | 3.27 | 3.03 | 2.83 | 2.66 | 2.39 | 2.19 | 1.88  | 1.67  | 1.45  | 1.12  |
| 0,8                | 5.90                                                                                                                     | 5.90 | 5.27 | 4.60 | 4.11 | 3.73 | 3.44 | 3.19 | 2.99 | 2.82 | 2.54 | 2.33 | 2.01  | 1.79  | 1.56  | 1.24  |
| 1,0                | 6.40                                                                                                                     | 6.40 | 5.66 | 4.98 | 4.47 | 4.09 | 3.78 | 3.52 | 3.31 | 3.13 | 2.84 | 2.61 | 2.27  | 2.03  | 1.78  | 1.35  |
| 1,2                | 6.75                                                                                                                     | 6.52 | 5.83 | 5.27 | 4.75 | 4.34 | 4.02 | 3.76 | 3.53 | 3.34 | 3.03 | 2.79 | 2.44  | 2.19  | 1.92  | 1.45  |

|                                                                                            |                                                  |                                          |                                                                                       |                                                   |                                             |
|--------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------|
| CARATTERISTICHE<br>Characteristics<br>Eigenschaften<br>Caractéristiques<br>Características | Rete ø 6 mm<br>a maglia saldata<br>da 150x150 mm | Grid ø 6 mm<br>welded mesh<br>150x150 mm | Nutzung und Anwendung<br>Geflecht ø 6 mm mit<br>geschweißten Maschen<br>zu 150x150 mm | Grille ø 6 mm<br>à maille soudée<br>de 150x150 mm | Malla electrosoldada<br>150x150 mm (Ø 6 mm) |
|                                                                                            | Tondino di rinforzo<br>ø 8 mm                    | Reinforcement bar<br>ø 8 mm              | Rundstab zur Verstärkung<br>ø 8 mm                                                    | Rond à béton de<br>renforcement ø 8 mm            | Barra de refuerzo<br>ø 8 mm                 |