

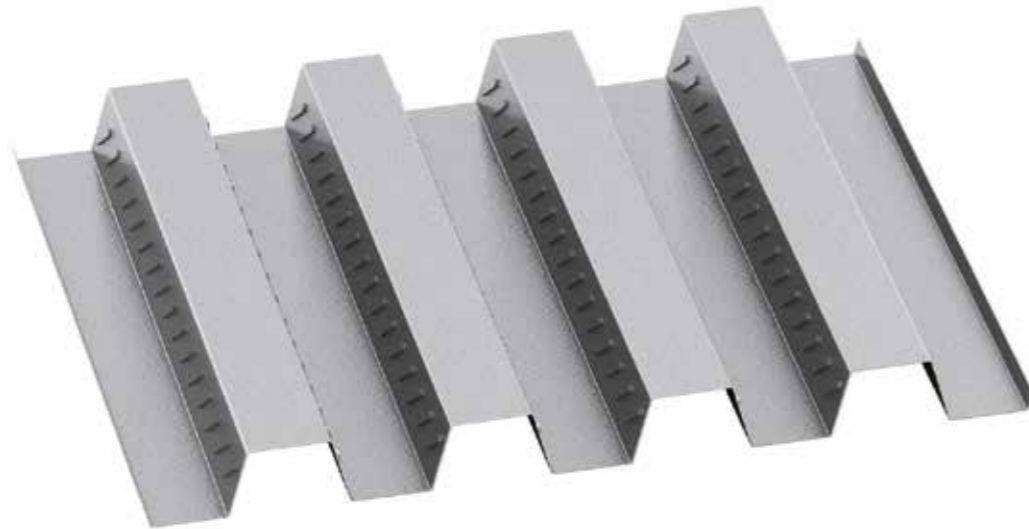
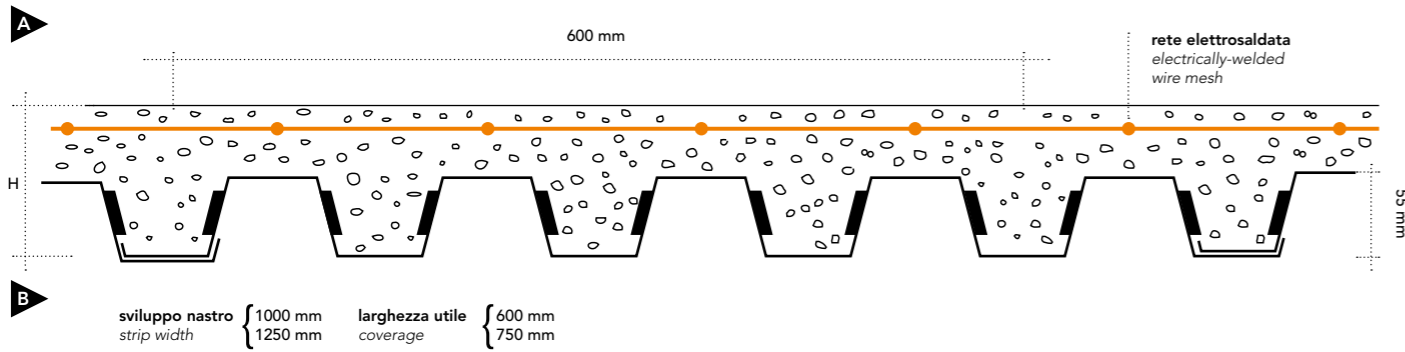
SOLAI CON LAMIERE COLLABORANTI



Floors with collaborating sheets
 Decken mit Verbundblechen
 Planchers avec tôles associées
 Suelos con chapas colaborantes

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/m ² | 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 |

| | | | | | |
|---|---|---|---|--|--|
| CARATTERISTICHE Characteristics Eigenschaften Caractéristiques Características | Rete ø 6 mm a maglia saldata da 150x150 mm | Grid ø 6 mm welded mesh 150x150 mm | Nutzung und Anwendung Geflecht ø 6 mm mit geschweißten Maschen zu 150x150 mm | Grille ø 6 mm à maille soudée de 150x150 mm | Malla electrosoldada 150x150 mm (Ø 6 mm) |
|---|---|---|---|--|--|

EGB 210 H=11 cm

▲▲▲▲▲ 1 campata 1 span

| Spessore Thickness | Sovraccarico di esercizio utile uniformemente distribuito kN/m ² - Useful working overload, uniformly distributed (kN/m ²) | | | | | | | | | | | | | | | | |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|
| | 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 | |
| mm | Luce massima in m per solai - Maximum span in m for floors | | | | | | | | | | | | | | | | |
| 0,7 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.28 | 2.06 | 1.88 | 1.63 | 1.45 | 1.26 | 1.06 |
| 0,8 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.43 | 2.19 | 2.01 | 1.75 | 1.56 | 1.36 | 1.15 |
| 1,0 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.71 | 2.47 | 2.27 | 1.98 | 1.78 | 1.56 | 1.32 |
| 1,2 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 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/m ² - Useful working overload, uniformly distributed (kN/m ²) | | | | | | | | | | | | | | | |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | 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 |
| mm | Luce massima in m per solai - Maximum span in m for floors | | | | | | | | | | | | | | | |
| 0,7 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 2.50 | 2.38 | 2.28 | 2.11 | 1.97 | 1.77 | 1.61 | 1.44 | 1.08 |
| 0,8 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.79 | 2.63 | 2.50 | 2.38 | 2.28 | 2.11 | 1.97 | 1.77 | 1.61 | 1.44 | 1.20 |
| 1,0 | 3.35 | 3.35 | 3.35 | 3.23 | 2.99 | 2.79 | 2.63 | 2.50 | 2.38 | 2.28 | 2.11 | 1.97 | 1.77 | 1.61 | 1.44 | 1.25 |
| 1,2 | 3.55 | 3.55 | 3.53 | 3.23 | 2.99 | 2.79 | 2.63 | 2.50 | 2.38 | 2.28 | 2.11 | 1.97 | 1.77 | 1.61 | 1.44 | 1.25 |

EGB 210 H=11 cm

▲▲▲▲▲▲▲ N campate N spans

| Spessore Thickness | Sovraccarico di esercizio utile uniformemente distribuito kN/m ² - Useful working overload, uniformly distributed (kN/m ²) | | | | | | | | | | | | | | | |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | 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 |
| mm | Luce massima in m per solai - Maximum span in m for floors | | | | | | | | | | | | | | | |
| 0,7 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.69 | 2.57 | 2.46 | 2.28 | 2.13 | 1.88 | 1.67 | 1.45 | 1.12 |
| 0,8 | 2.95 | 2.95 | 2.95 | 2.95 | 2.95 | 2.95 | 2.84 | 2.69 | 2.57 | 2.46 | 2.28 | 2.13 | 1.90 | 1.74 | 1.56 | 1.24 |
| 1,0 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.01 | 2.84 | 2.69 | 2.57 | 2.46 | 2.28 | 2.13 | 1.90 | 1.74 | 1.56 | 1.35 |
| 1,2 | 3.35 | 3.35 | 3.35 | 3.35 | 3.22 | 3.01 | 2.84 | 2.69 | 2.57 | 2.46 | 2.28 | 2.13 | 1.90 | 1.74 | 1.56 | 1.35 |