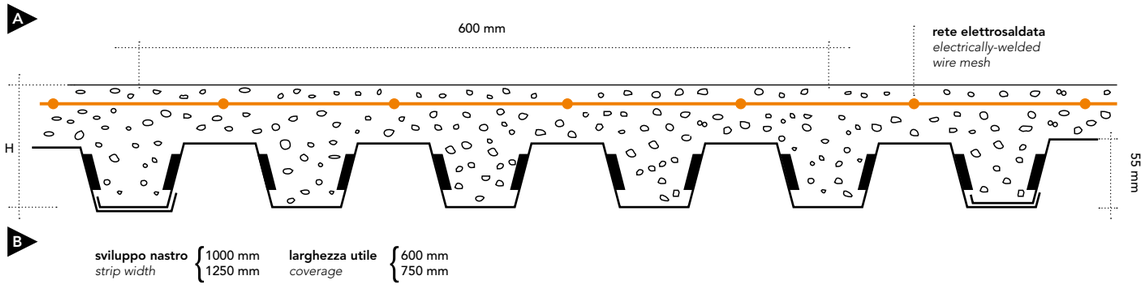
SOLAI CON LAMIERE COLLABORANTI

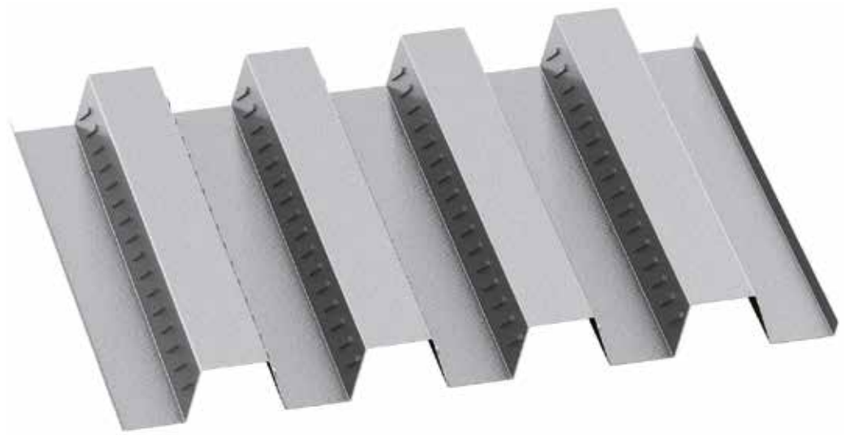
Floors with collaborating sheets
Decken mit Verbundblechen
Planchers avec tôles associées
Suelos con chapas colaborantes

CE

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=10 cm





EGB 210 H=10 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=10 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	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.37	2.22	2.09	1.89	1.73	1.50	1.34	1.17	0.98
0,8	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.52	2.36	2.23	2.02	1.86	1.61	1.44	1.26	1.06
1,0	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.63	2.49	2.26	2.09	1.82	1.64	1.44	1.22
1,2	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.82	2.67	2.43	2.24	1.97	1.77	1.55	1.32

EGB 210 H=10 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	2.75	2.75	2.75	2.75	2.75	2.61	2.46	2.34	2.23	2.13	1.97	1.85	1.65	1.51	1.33	1.00
0,8	3.05	3.05	3.05	3.01	2.79	2.61	2.46	2.34	2.23	2.13	1.97	1.85	1.65	1.51	1.35	1.10
1,0	3.40	3.40	3.30	3.01	2.79	2.61	2.46	2.34	2.23	2.13	1.97	1.85	1.65	1.51	1.35	1.17
1,2	3.60	3.60	3.30	3.02	2.79	2.61	2.46	2.34	2.23	2.13	1.97	1.85	1.65	1.51	1.35	1.17

EGB 210 H=10 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	2.85	2.85	2.85	2.85	2.85	2.82	2.65	2.52	2.40	2.30	2.13	1.99	1.73	1.54	1.34	1.02
0,8	3.00	3.00	3.00	3.00	3.00	2.82	2.65	2.52	2.40	2.30	2.13	1.99	1.78	1.63	1.44	1.14
1,0	3.20	3.20	3.20	3.20	3.01	2.82	2.65	2.52	2.40	2.30	2.13	1.99	1.78	1.63	1.45	1.24
1,2	3.40	3.40	3.40	3.25	3.01	2.82	2.65	2.52	2.40	2.30	2.13	1.99	1.78	1.63	1.45	1.26

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)*

Marcegaglia RWD

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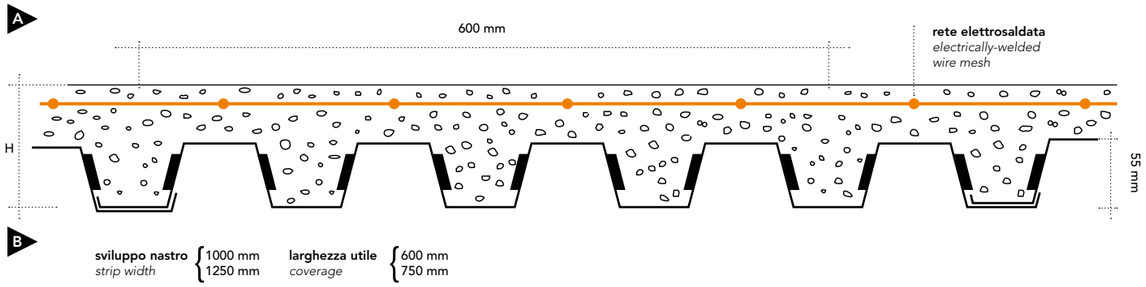
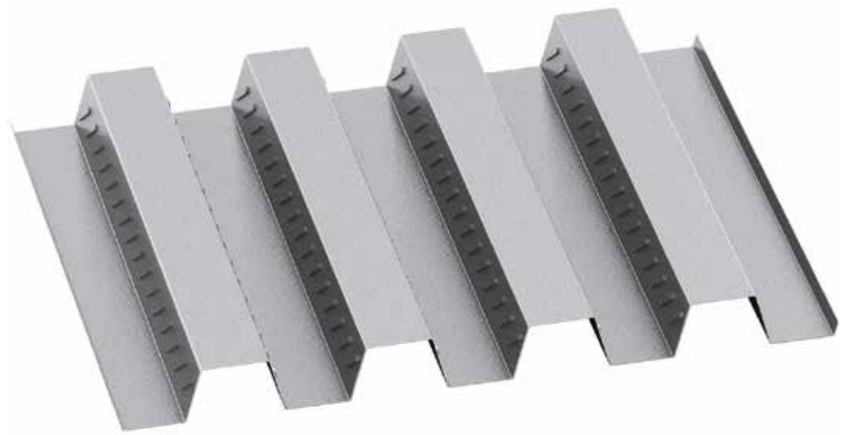
The calculation approach is provided by the ***Eurocode 4*** *"Design of composite steel and concrete structures", Part 1-1 "General rules and rules for building".*

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	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	2.43	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	2.71	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	2.64	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	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/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	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

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)*

Marcegaglia RWD

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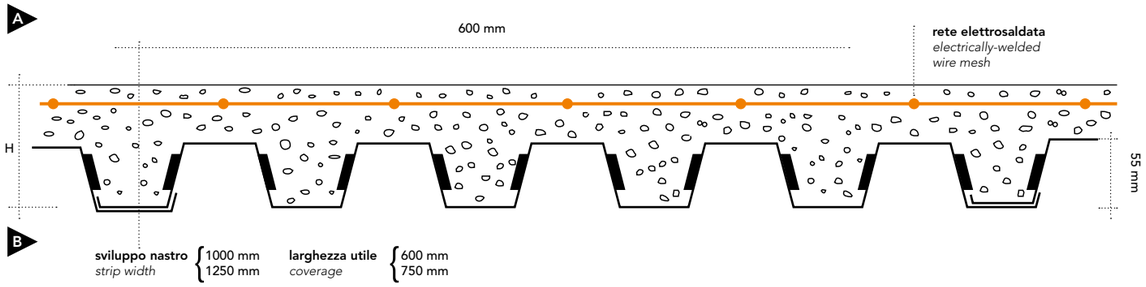
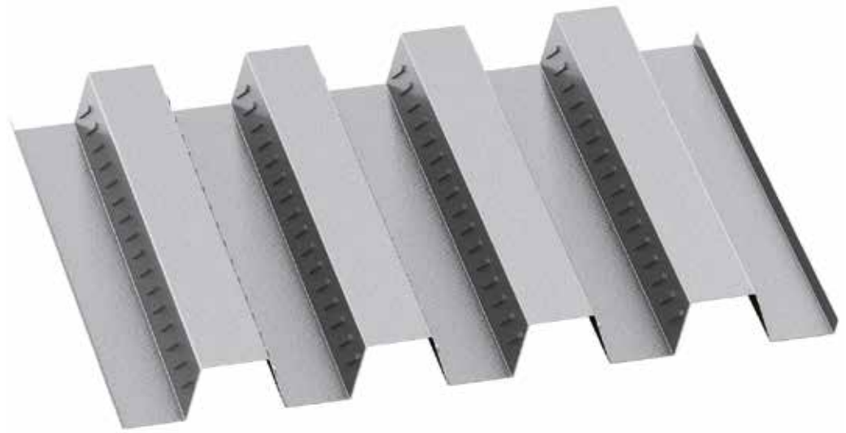
EGB 210 H=12 cm





EGB 210 H=12 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=12 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	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.22	2.03	1.75	1.56	1.35	1.13
0,8	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.36	2.17	1.88	1.67	1.46	1.23
1,0	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.44	2.12	1.90	1.67	1.41
1,2	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.84	2.61	2.28	2.05	1.80	1.52

EGB 210 H=12 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	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.42	2.24	2.10	1.87	1.71	1.53	1.17
0,8	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.65	2.53	2.42	2.24	2.10	1.87	1.71	1.53	1.30
1,0	3.20	3.20	3.20	3.20	3.17	2.96	2.79	2.65	2.53	2.42	2.24	2.10	1.87	1.71	1.53	1.33
1,2	3.55	3.55	3.55	3.42	3.17	2.96	2.79	2.65	2.53	2.42	2.24	2.10	1.87	1.71	1.53	1.33

EGB 210 H=12 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	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.61	2.42	2.26	2.02	1.80	1.56	1.20
0,8	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.86	2.73	2.61	2.42	2.26	2.02	1.84	1.65	1.34
1,0	3.15	3.15	3.15	3.15	3.15	3.15	3.01	2.86	2.73	2.61	2.42	2.26	2.02	1.84	1.65	1.43
1,2	3.35	3.35	3.35	3.35	3.35	3.20	3.01	2.86	2.73	2.61	2.42	2.26	2.02	1.84	1.65	1.43

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)*

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