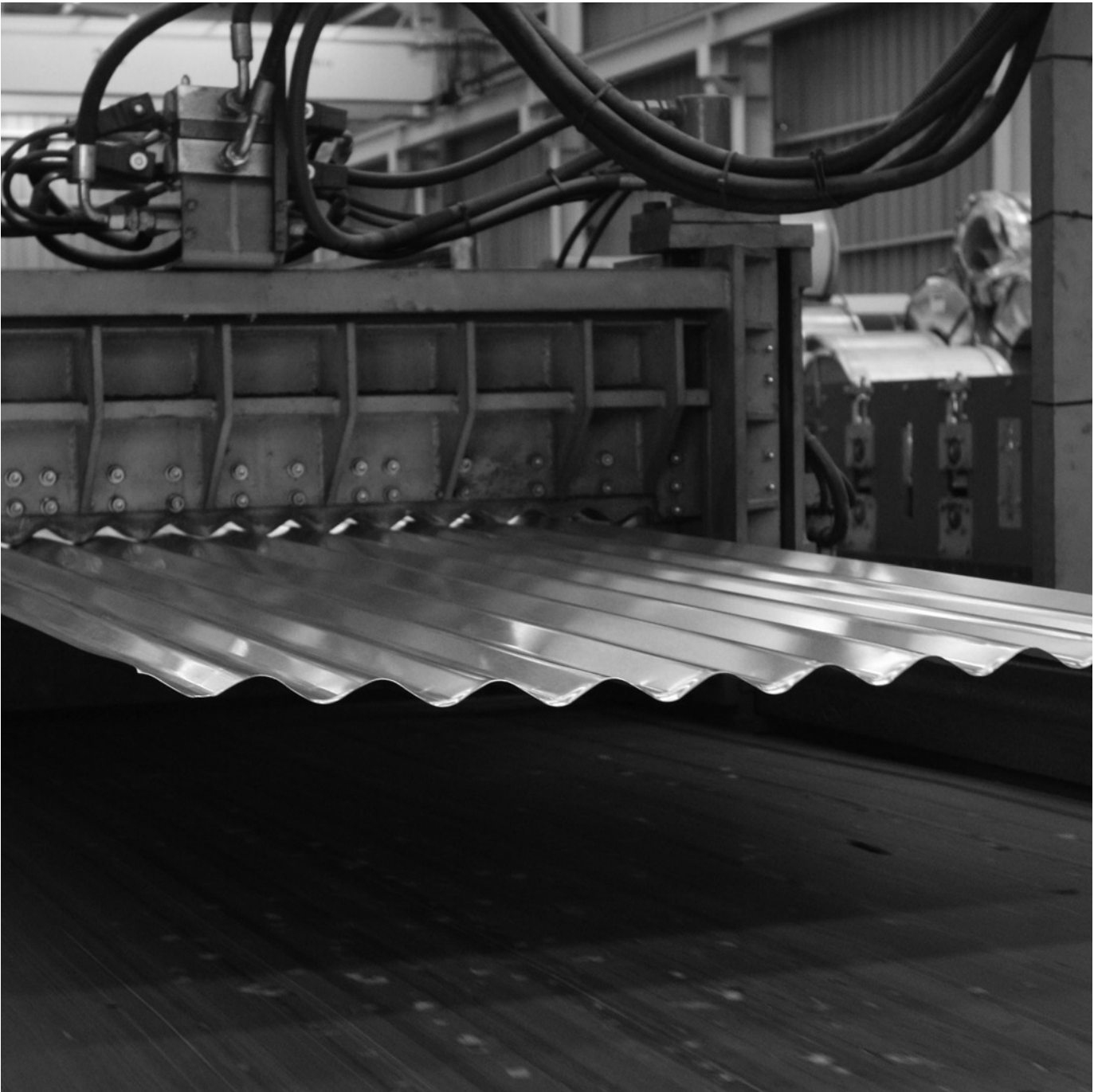


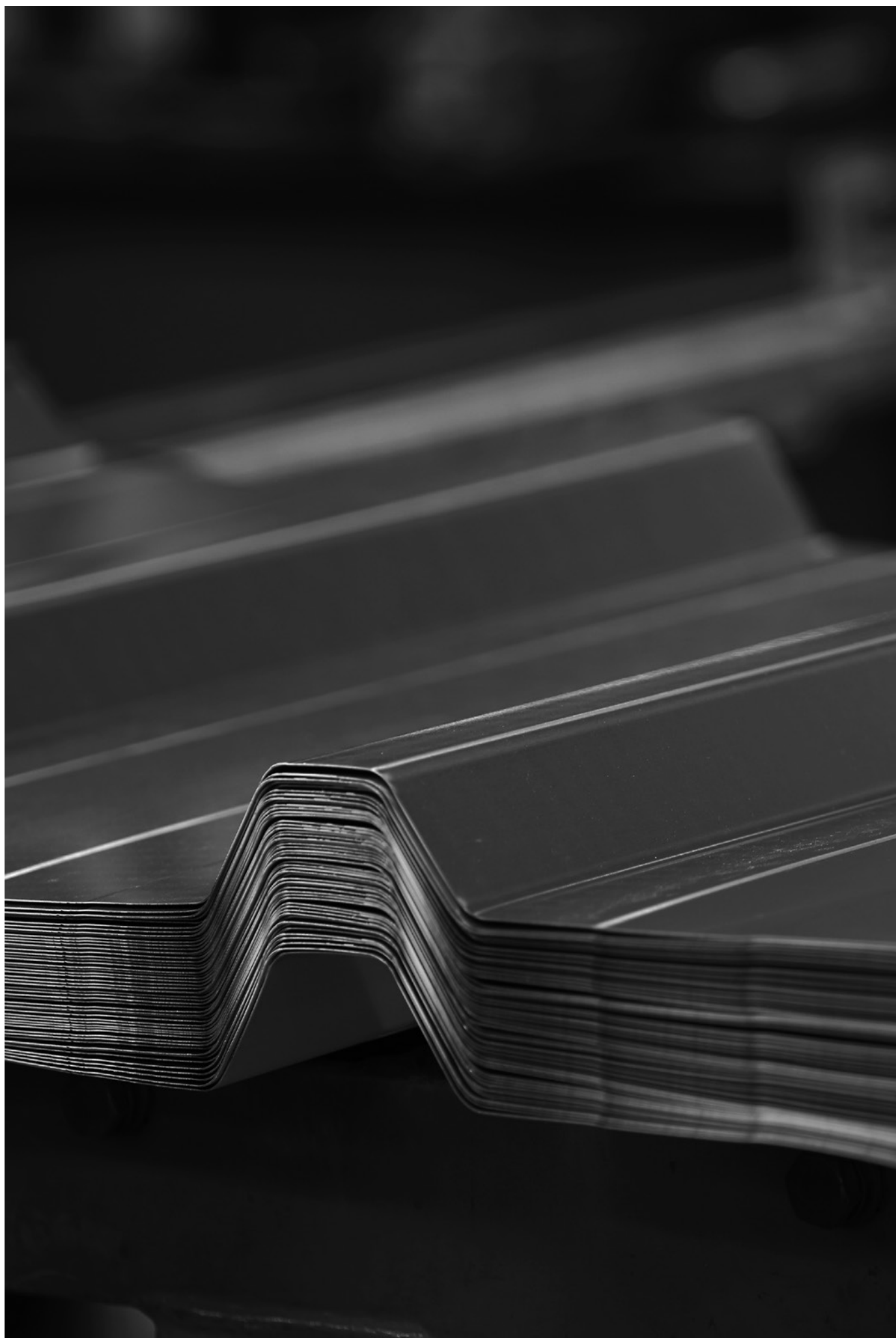
Cladding steel profiles





Contents

Introduction	5
Corrugated Sheet EL S19/760	6
Corrugated Sheet EL S19/836	7
Trapezoidal sheet.....	8
Trapezoidal sheet EL T35/1100	9
Trapezoidal sheet EL T39/896.....	13
Trapezoidal sheet EL T40/1000.....	17
Trapezoidal sheet EL T50/1000.....	21
Trapezoidal sheet EL T100/825.....	25
Trapezoidal sheet EL T150/840.....	29
Trapezoidal sheet EL T73/750.....	37
Curved trapezoidal sheet metal EL TC40/1000.....	41
METALTILE.....	43



Cladding steel profiles



For the formation of coverings in metal structures, corrugated steel sheet profiles are preferably used especially those of trapezoidal form.

The choice of suitable profile is based on the right combination of two main factors: the mechanical properties of the used sheet which determine its resistance in various loads, as well as its geometrical form which lends the desirable aesthetic but also functional characteristics (i.e. draining rain water).

The industrialized way of production of cladding steel profiles, provides high qualitative attributes. They are extracted either from galvanized steel sheets or from colored steel sheets, so that in each case they are provided with maximum strength and the required corrosion protection.

The production lines are state-of-the-art and meet even the highest quality criteria.

The steel coating sheets comply with the specifications according to EN 14782 and bear the CE mark for thicknesses of 0.40 and above.

The raw materials are in accordance with EN 508-1 and are described in detail in EN 10346.

Corrugated sheet

- EL S19/760
- EL S19/836

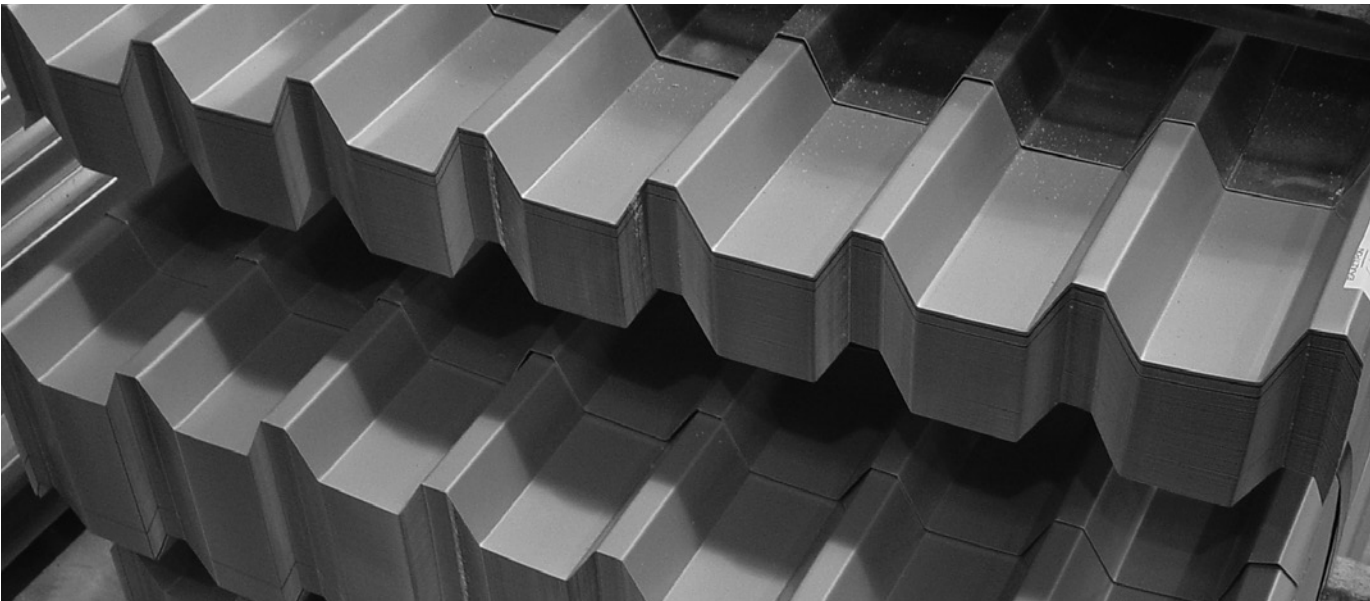
Trapezoidal sheet

- EL T35/1100
- EL T39/896
- EL T40/1000
- EL T50/1000
- EL T73/750
- EL T100/825
- EL T150/840
- EL TC40/1000

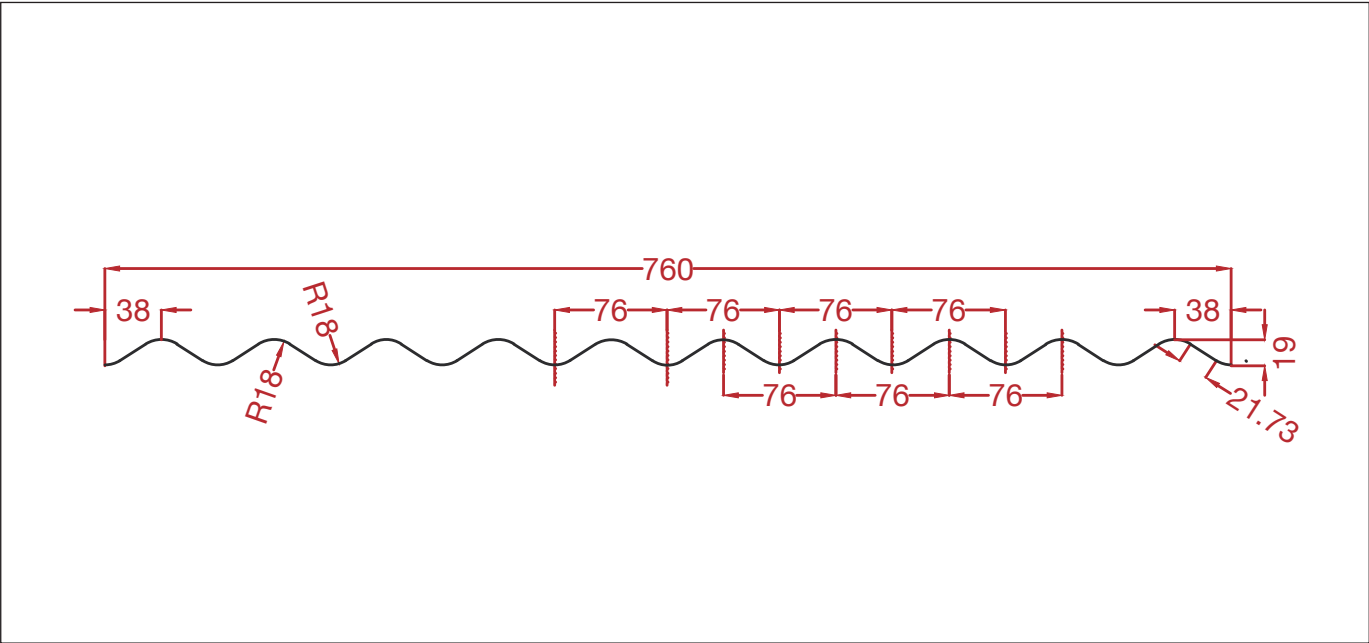
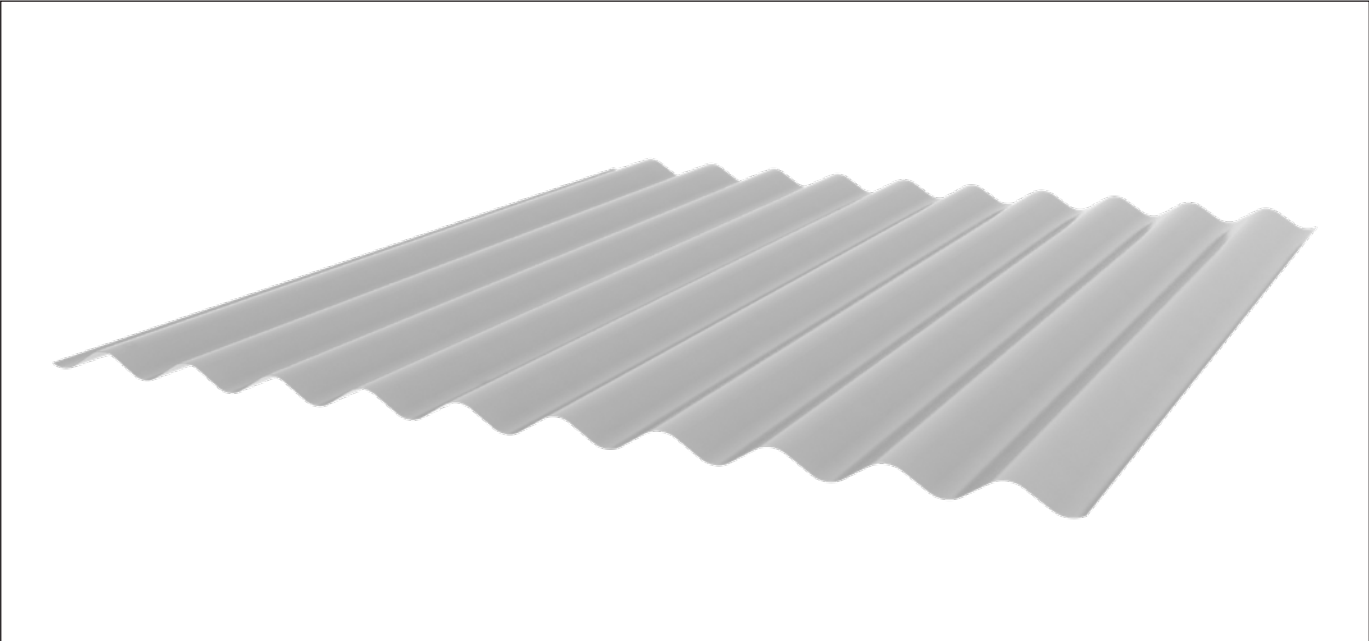
Metaltile

- METALTILE ATTIKA
- METALTILE ROMAN
- METALTILE CLASSIC

Special elements ridges



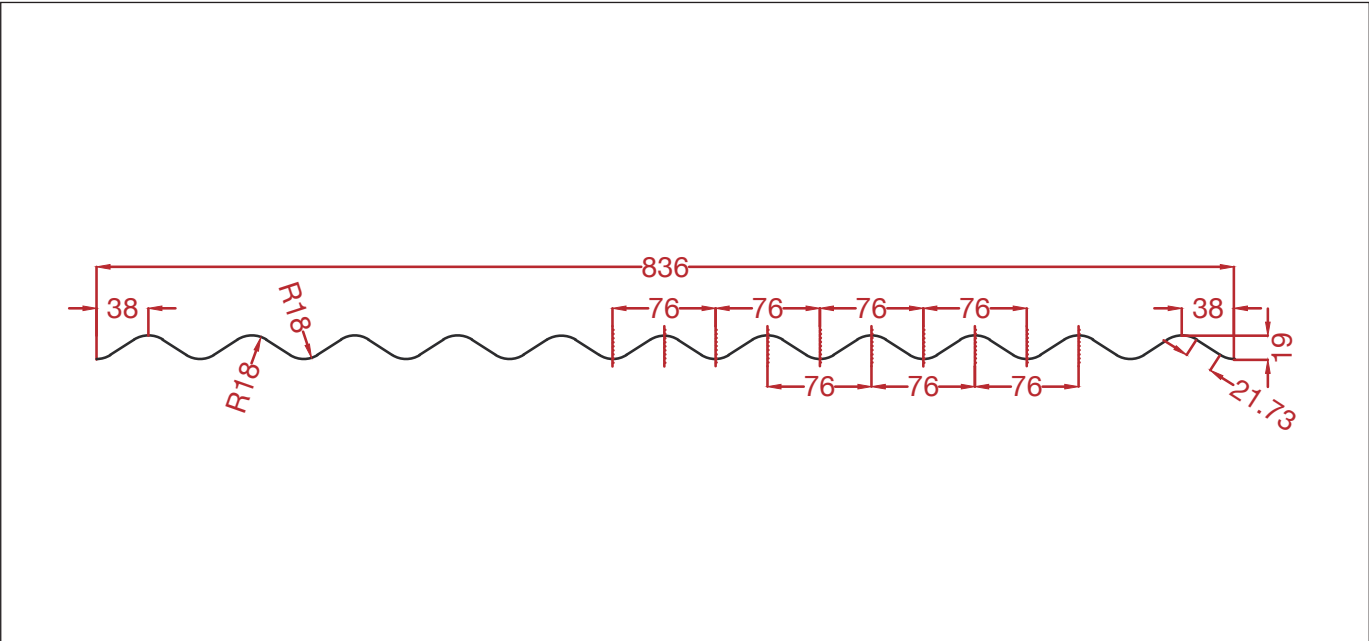
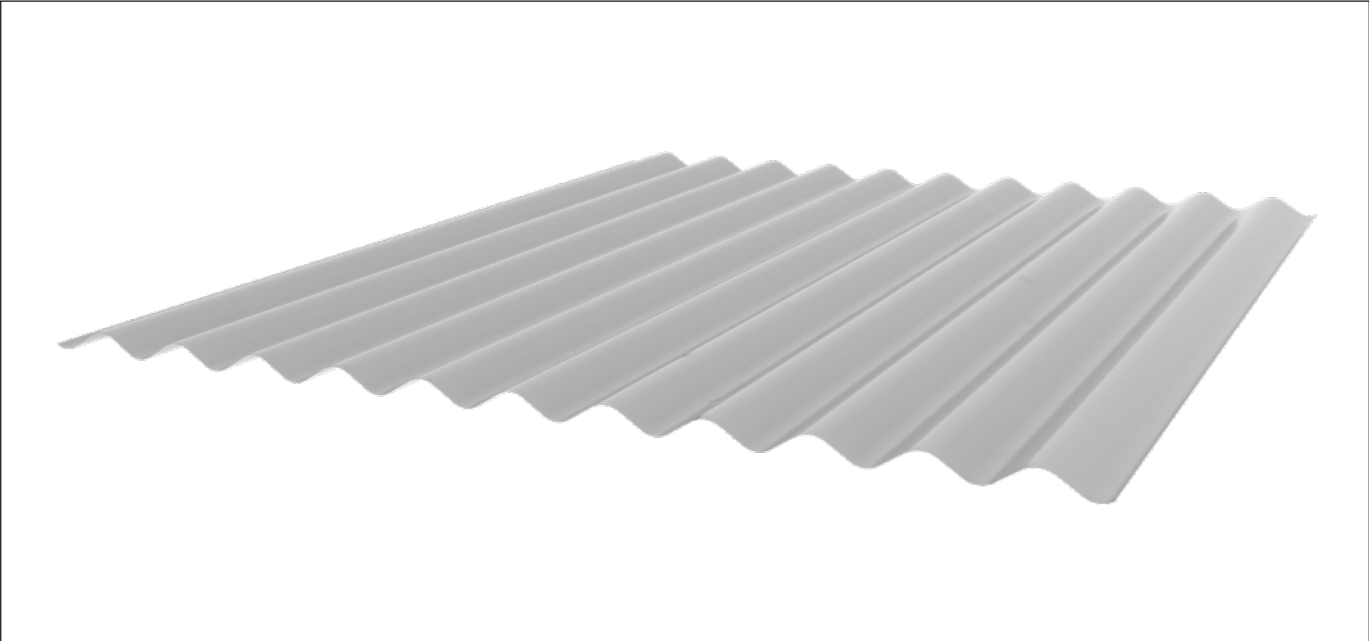
Corrugated Sheet EL S19/760



Opening: 910 mm	Thickness: 0,40 mm - 0,80 mm	Cover: 760 mm	Depth: 19
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Thickness S (mm)	Weight (kg/m)
0,40	2,87
0,45	3,21
0,50	3,57
0,60	4,29
0,80	5,71

Corrugated Sheet EL S19/836



Opening: 1000 mm	Thickness: 0,40 mm - 0,80 mm	Cover: 836 mm	Depth: 19
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Thickness S (mm)	Weight (kg/m)
0,40	3,14
0,45	3,53
0,50	3,93
0,60	4,71
0,80	6,28

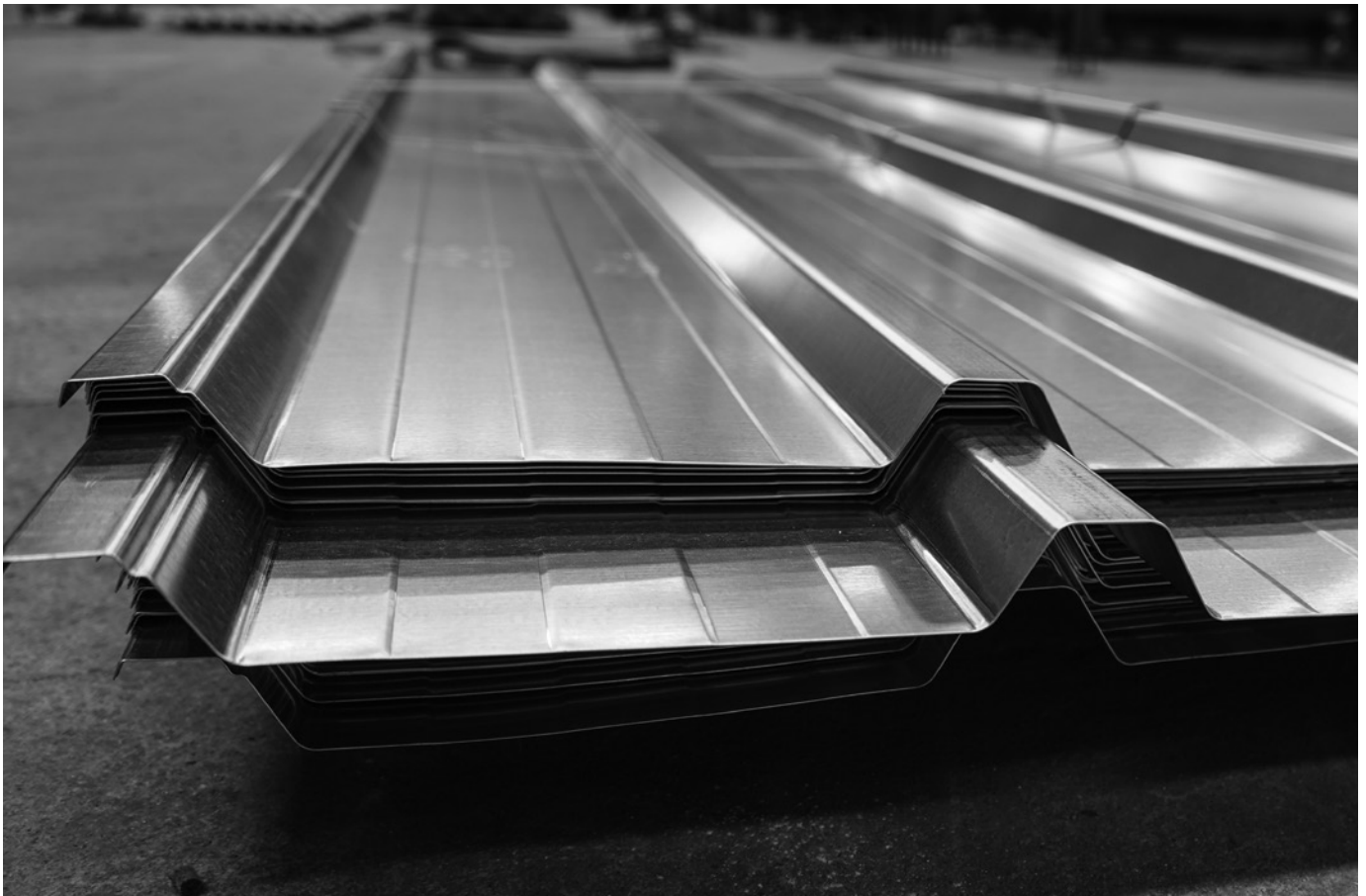
Trapezoidal sheet

General notes

The load values of q of the following tables refer to a width of 1 m, therefore the load units are kN/m^2 . The values of q have emerged from the following inspections:

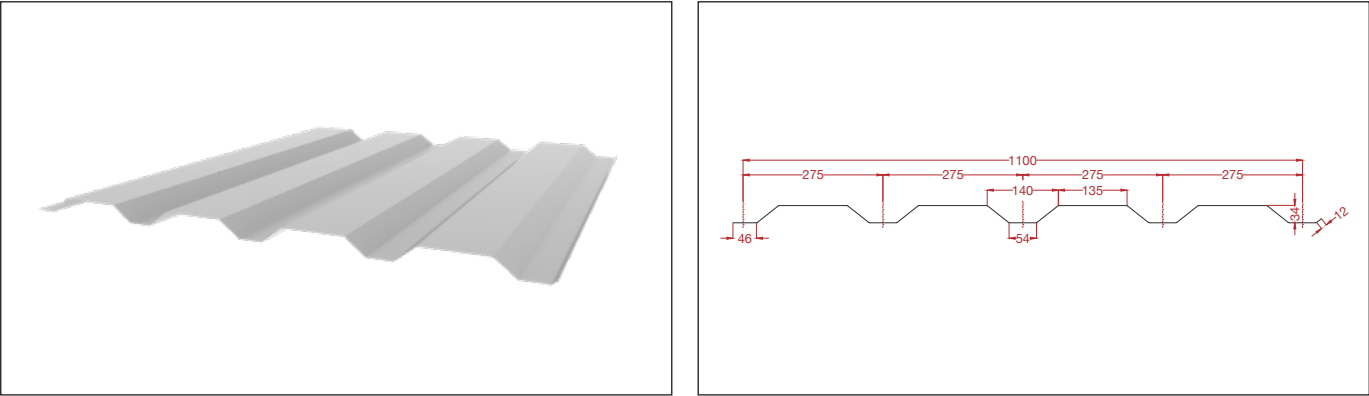
- 1) Bending inspection in the opening and in the support, M_{Ed}/M_{Rd} , with the endurance torque according to par. 61.4.1. of EN 1993-1-3.
- 2) Inspection in local transverse forces according to par. 6.1.7.3 of EN 1993-1-3 both in extreme and in intermediate support.
- 3) Inspection in permissible deformations (bending arrows), according to the national appendix, par. 7.2.1 (1) of EN 1993-1-1.
- 4) Inspection in combination of drip bending and support reaction, according to par. 6.1.11 of EN 1993-1-3.

During the above inspections for the calculation of the bending of inertia, the bending of resistance etc., active cross-sections of the plates were taken into account for each opening, taking into account the shear lag and the curvature, according to EN 1993-1-5.



Trapezoidal sheet EL T35/1100

Steel S220GD



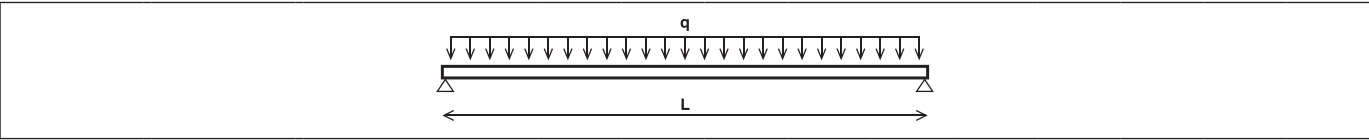
Opening: 1250 mm

Thickness: 0,40 mm - 1,25 mm

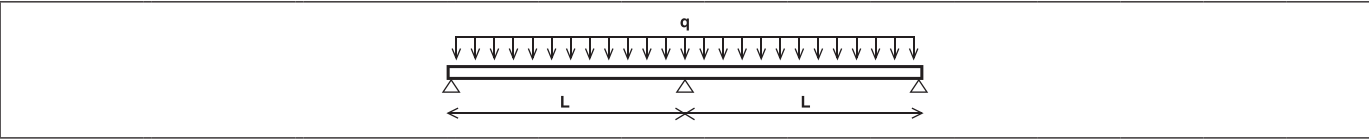
Cover: 1100 ± 5 mm

Depth: 34 ± 1 mm

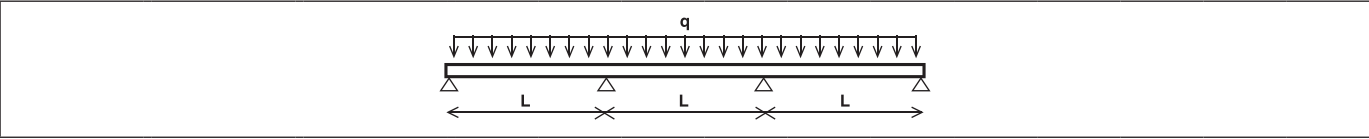
Pitch: 275 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	3,76	2,88	1,67	1,05	0,70	0,49	0,36	0,27	0,21	0,16	0,13	
0,60	5,89	0,054	5,30	3,66	2,12	1,33	0,89	0,63	0,46	0,34	0,26	0,21	0,17	
0,75	7,36	0,067	8,04	4,90	2,83	1,78	1,20	0,84	0,61	0,46	0,35	0,28	0,22	
1,00	9,81	0,089	13,74	7,12	4,12	2,60	1,74	1,22	0,89	0,67	0,52	0,41	0,32	
1,25	12,27	0,112	18,61	9,53	5,51	3,47	2,33	1,63	1,19	0,89	0,69	0,54	0,43	



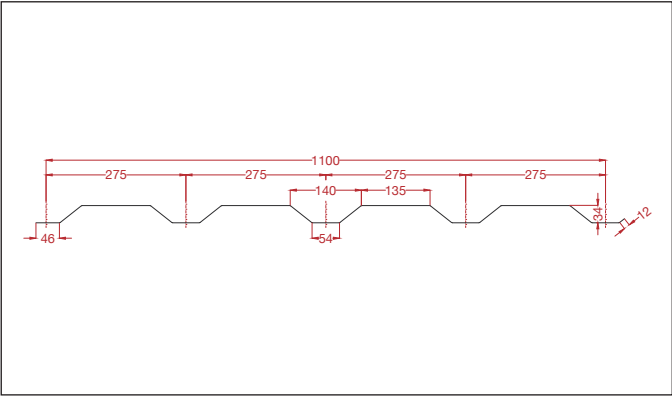
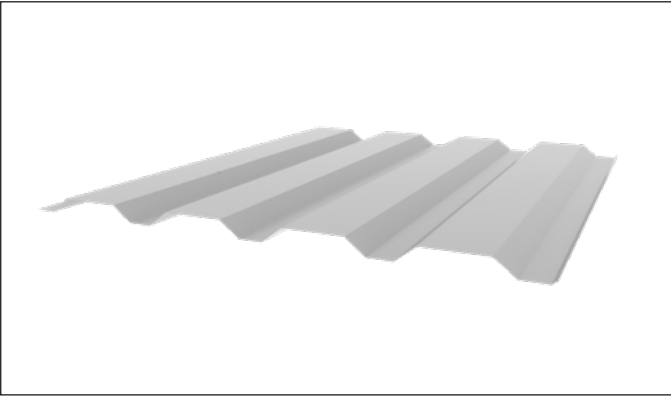
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	2,87	1,87	1,31	0,98	0,75	0,60	0,48	0,40	0,34	0,29	0,25	
0,60	5,89	0,054	3,81	2,48	1,75	1,30	1,00	0,80	0,65	0,53	0,45	0,38	0,33	
0,75	7,36	0,067	5,35	3,50	2,47	1,84	1,42	1,13	0,92	0,76	0,64	0,55	0,47	
1,00	9,81	0,089	8,28	5,43	3,84	2,86	2,22	1,77	1,45	1,20	1,01	0,86	0,74	
1,25	12,27	0,112	11,53	7,58	5,37	4,01	3,11	2,49	2,03	1,69	1,42	1,21	1,05	



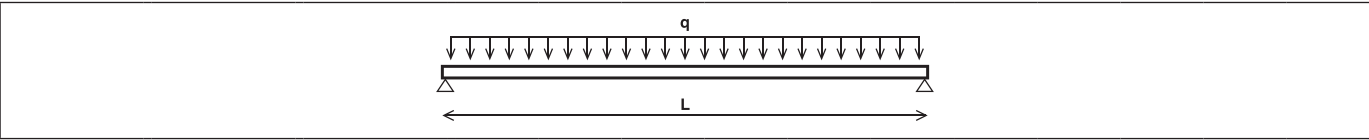
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	3,65	2,38	1,67	1,24	0,96	0,76	0,61	0,51	0,39	0,31	0,25	
0,60	5,89	0,054	4,83	3,15	2,22	1,65	1,28	1,01	0,82	0,65	0,50	0,39	0,31	
0,75	7,36	0,067	6,79	4,44	3,14	2,33	1,81	1,44	1,16	0,87	0,67	0,53	0,42	
1,00	9,81	0,089	10,50	6,88	4,87	3,63	2,81	2,25	1,68	1,26	0,97	0,76	0,61	
1,25	12,27	0,112	14,61	9,61	6,81	5,08	3,94	3,08	2,25	1,69	1,30	1,02	0,82	

Trapezoidal sheet EL T35/1100

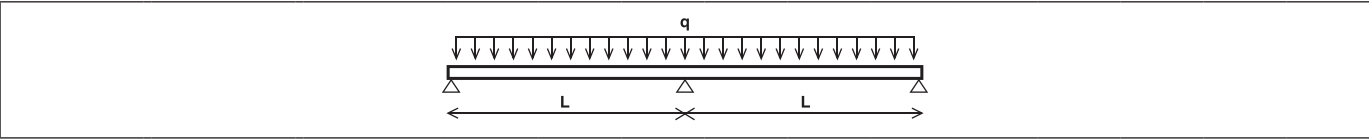
Steel S280GD



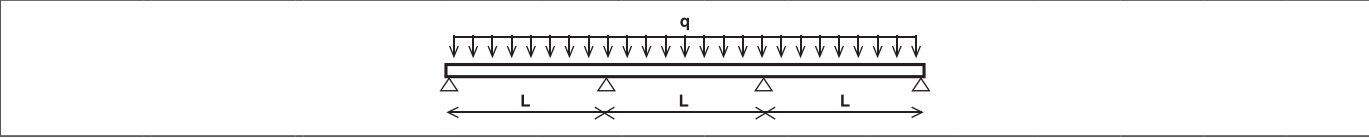
Opening: 1250 mm Thickness: 0,40 mm - 1,25 mm Cover: 1100 ± 5 mm Depth: 34 ± 1 mm Pitch: 275 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	4,25	2,75	1,59	1,00	0,67	0,47	0,35	0,25	0,20	0,15	0,13	
0,60	5,89	0,054	5,98	3,53	2,05	1,29	0,86	0,61	0,45	0,33	0,25	0,20	0,16	
0,75	7,36	0,067	9,06	4,72	2,73	1,72	1,15	0,81	0,59	0,45	0,35	0,27	0,22	
1,00	9,81	0,089	13,41	6,86	3,97	2,50	1,67	1,18	0,85	0,65	0,50	0,39	0,31	
1,25	12,27	0,112	17,95	9,19	5,32	3,35	2,25	1,57	1,15	0,86	0,66	0,52	0,42	



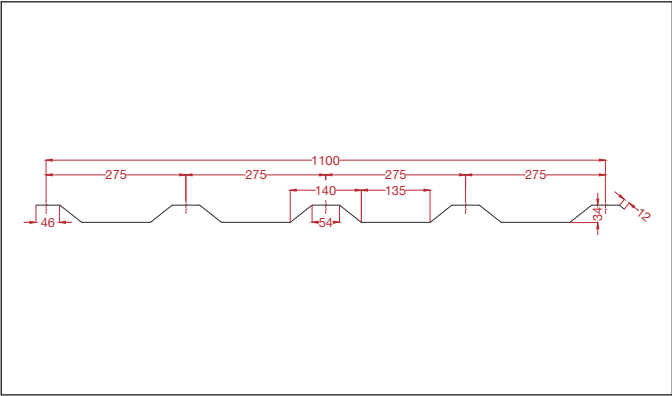
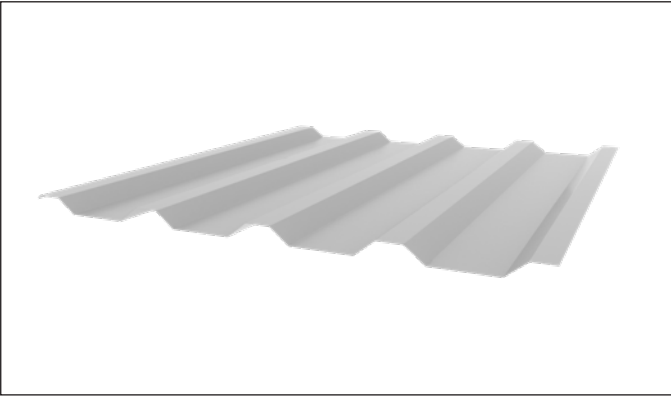
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,50	4,91	0,045	3,37	2,19	1,54	1,15	0,88	0,69	0,56	0,46	0,39	0,34	0,29
0,60	5,89	0,054	4,47	2,92	2,05	1,52	1,17	0,93	0,75	0,63	0,53	0,45	0,39
0,75	7,36	0,067	6,31	4,12	2,90	2,15	1,66	1,33	1,07	0,89	0,75	0,64	0,52
1,00	9,81	0,089	9,78	6,40	4,52	3,36	2,61	2,08	1,69	1,40	1,18	0,95	0,75
1,25	12,27	0,112	13,68	8,98	6,63	4,74	3,67	2,94	2,40	1,99	1,60	1,25	1,01



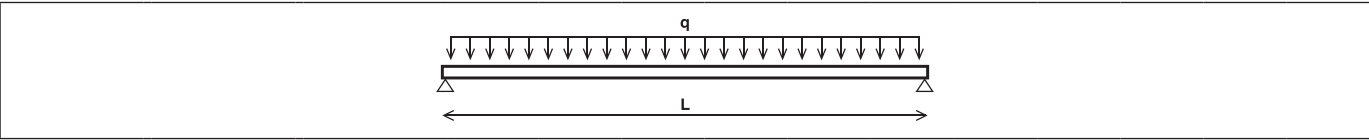
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	3,65	2,37	1,67	1,25	0,95	0,75	0,62	0,51	0,39	0,31	0,25	
0,60	5,89	0,054	4,84	3,15	2,22	1,65	1,27	1,01	0,82	0,65	0,50	0,39	0,32	
0,75	7,36	0,067	6,79	4,45	3,14	2,34	1,81	1,44	1,15	0,86	0,67	0,53	0,42	
1,00	9,81	0,089	10,50	6,88	4,87	3,63	2,81	2,25	1,68	1,26	0,97	0,76	0,61	
1,25	12,27	0,112	14,61	9,61	6,81	5,08	3,95	3,08	2,25	1,69	1,30	1,03	0,82	

Trapezoidal sheet EL T35/1100

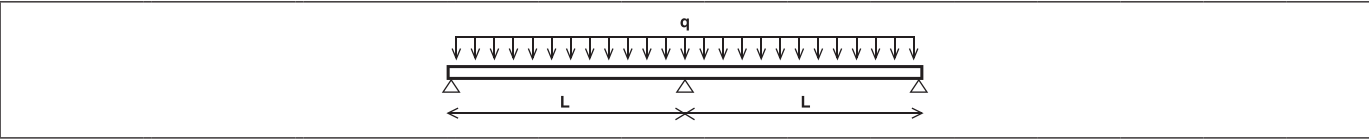
Steel S220GD



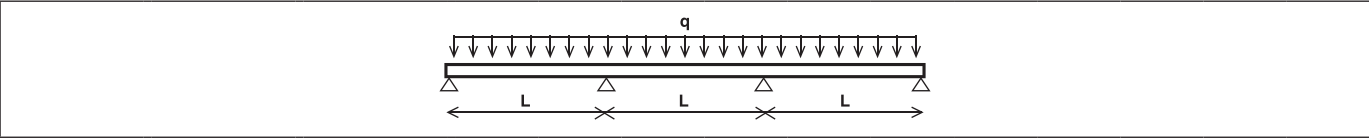
Opening: 1250 mm Thickness: 0,40 mm - 1,25 mm Cover: 1100 ± 5 mm Depth: 34 ± 1 mm Pitch: 275 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	3,78	3,03	1,77	1,12	0,75	0,53	0,38	0,29	0,22	0,17	0,14	
0,60	5,89	0,054	5,32	4,17	2,42	1,52	1,02	0,72	0,52	0,39	0,30	0,24	0,19	
0,75	7,36	0,067	8,06	5,59	3,24	2,04	1,36	0,95	0,70	0,53	0,40	0,32	0,25	
1,00	9,81	0,089	13,78	8,15	4,72	2,97	1,99	1,40	1,02	0,76	0,59	0,46	0,37	
1,25	12,27	0,112	19,26	10,85	6,27	3,95	2,65	1,85	1,35	1,02	0,78	0,62	0,49	



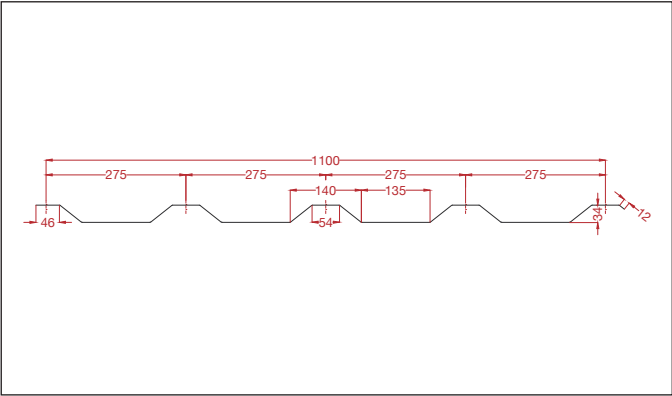
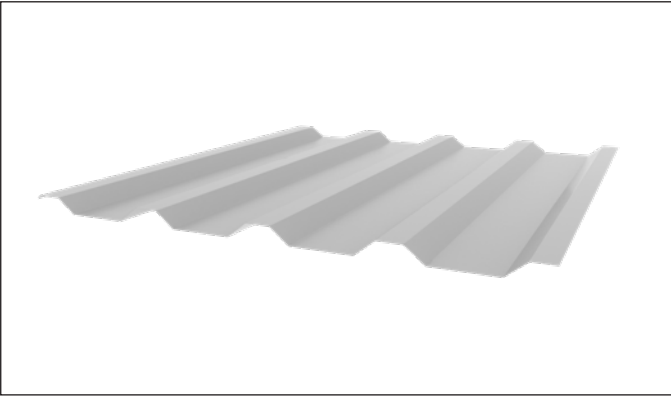
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	3,27	2,15	1,52	1,13	0,87	0,70	0,57	0,47	0,40	0,35	0,30	
0,60	5,89	0,054	3,91	2,56	1,81	1,35	1,05	0,84	0,68	0,57	0,48	0,41	0,35	
0,75	7,36	0,067	5,53	3,64	2,58	1,93	1,49	1,19	0,97	0,81	0,68	0,59	0,51	
1,00	9,81	0,089	8,59	5,66	4,06	3,05	2,36	1,89	1,55	1,29	1,09	0,94	0,81	
1,25	12,27	0,112	12,22	8,11	5,79	4,34	3,38	2,71	2,22	1,85	1,57	1,35	1,17	



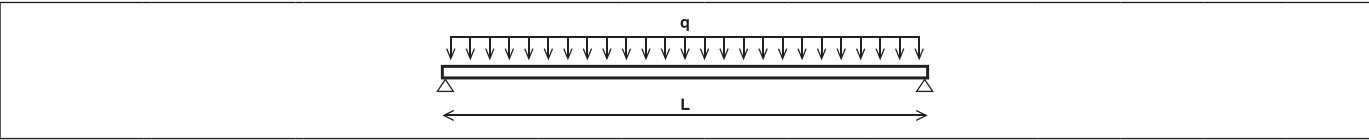
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	4,15	2,73	1,93	1,44	1,11	0,89	0,73	0,55	0,42	0,33	0,26	
0,60	5,89	0,054	4,97	3,25	2,30	1,72	1,33	1,06	0,86	0,73	0,57	0,45	0,35	
0,75	7,36	0,067	7,02	4,62	3,27	2,45	1,90	1,52	1,24	0,99	0,76	0,60	0,48	
1,00	9,81	0,089	10,90	7,19	5,16	3,86	3,00	2,40	1,92	1,45	1,11	0,87	0,70	
1,25	12,27	0,112	15,49	10,29	7,35	5,51	4,29	3,44	2,55	1,92	1,48	1,16	0,94	

Trapezoidal sheet EL T35/1100

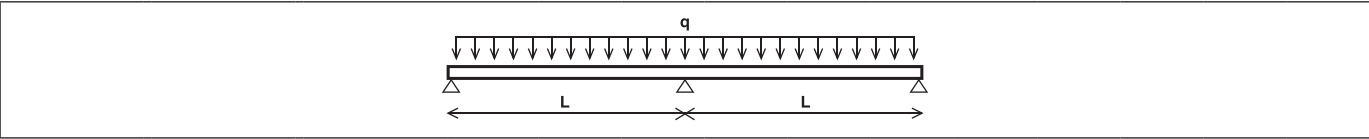
Steel S280GD



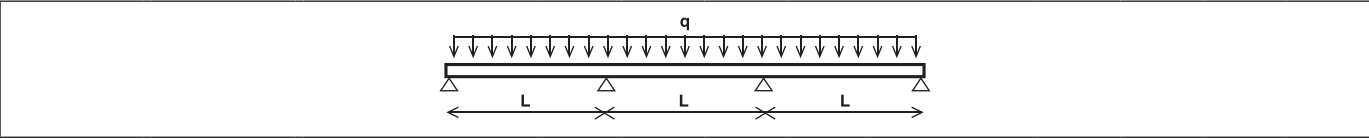
Opening: 1250 mm Thickness: 0,4 mm - 1,25 mm Cover: 1100 ± 5 mm Depth: 34 ± 1 mm Pitch: 275 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	4,25	2,84	1,65	1,04	0,69	0,49	0,35	0,26	0,21	0,16	0,13	
0,60	5,89	0,054	6,00	3,86	2,24	1,41	0,95	0,66	0,48	0,36	0,28	0,22	0,17	
0,75	7,36	0,067	8,70	5,39	3,12	1,96	1,32	0,93	0,67	0,51	0,39	0,31	0,25	
1,00	9,81	0,089	15,37	7,87	4,55	2,86	1,92	1,35	0,98	0,74	0,57	0,45	0,35	
1,25	12,27	0,112	20,53	10,51	6,08	3,83	2,56	1,80	1,31	0,99	0,76	0,60	0,48	



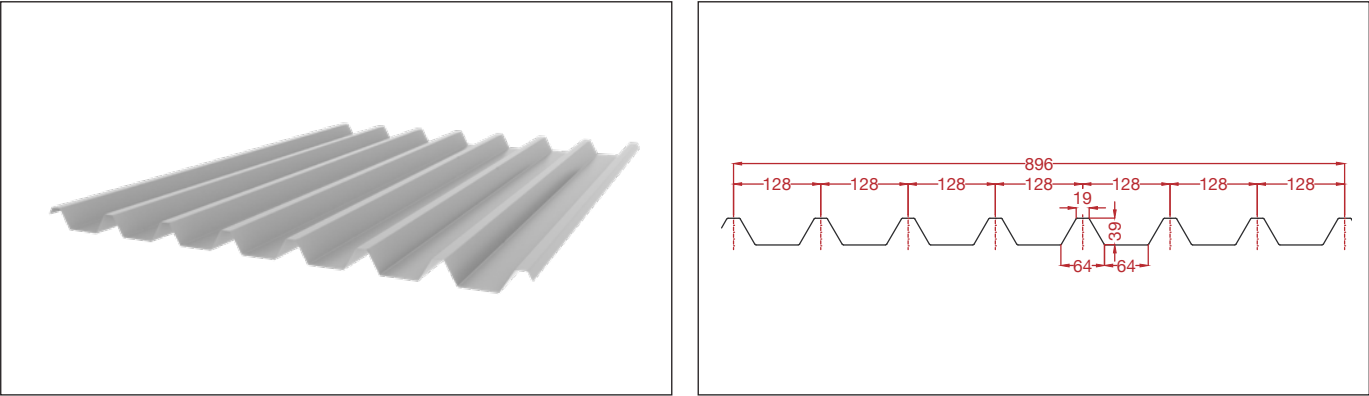
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	3,45	2,25	1,58	1,17	0,91	0,73	0,59	0,49	0,42	0,35	0,31	
0,60	5,89	0,054	4,58	3,00	2,12	1,57	1,22	0,97	0,79	0,66	0,55	0,47	0,41	
0,75	7,36	0,067	6,49	4,26	3,01	2,25	1,74	1,39	1,14	0,95	0,80	0,68	0,59	
1,00	9,81	0,089	10,15	6,70	4,75	3,55	2,75	2,20	1,80	1,50	1,27	1,08	0,86	
1,25	12,27	0,112	14,35	9,50	6,76	5,06	3,94	3,15	2,58	2,15	1,82	1,44	1,15	



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,045	4,38	2,86	2,02	1,50	1,15	0,92	0,67	0,50	0,39	0,31	0,25	
0,60	5,89	0,054	5,83	3,82	2,69	2,00	1,55	1,24	0,91	0,68	0,53	0,42	0,34	
0,75	7,36	0,067	8,25	5,41	3,83	2,85	2,21	1,75	1,27	0,95	0,74	0,58	0,46	
1,00	9,81	0,089	12,89	8,50	6,04	4,52	3,50	2,55	1,85	1,39	1,07	0,85	0,67	
1,25	12,27	0,112	18,20	12,05	8,59	6,44	4,84	3,40	2,48	1,86	1,44	1,13	0,90	

Trapezoidal sheet EL T39/896

Steel S220GD



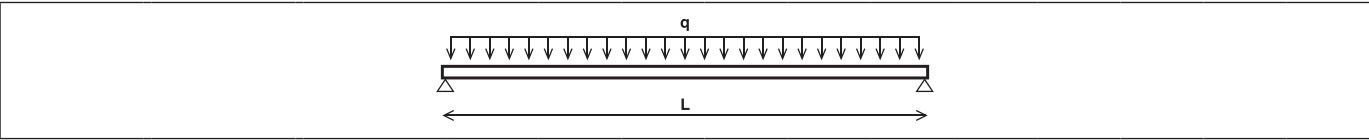
Opening: 1250 mm

Thickness: 0,40 mm - 1,00 mm

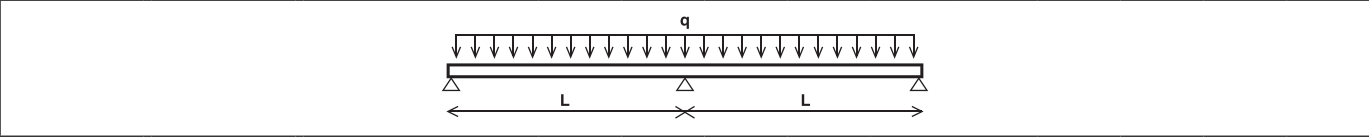
Cover: 896 ± 5 mm

Depth: 39 ± 1 mm

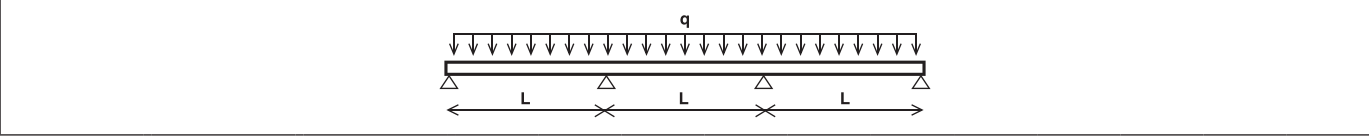
Pitch: 128 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	6,61	4,41	2,63	1,65	1,11	0,78	0,57	0,43	0,33	0,26	0,21	
0,50	4,91	0,055	9,00	6,18	3,58	2,25	1,51	1,06	0,77	0,58	0,45	0,35	0,28	
0,60	5,89	0,066	11,68	7,42	4,29	2,70	1,81	1,27	0,93	0,70	0,54	0,42	0,34	
0,75	7,36	0,082	14,60	9,27	5,36	3,38	2,26	1,59	1,16	0,87	0,67	0,53	0,42	
1,00	9,81	0,109	19,47	12,36	7,15	4,50	3,02	2,12	1,55	1,16	0,89	0,70	0,56	
1,25	12,27	0,137	24,33	15,45	8,94	5,63	3,77	2,65	1,93	1,45	1,12	0,88	0,70	



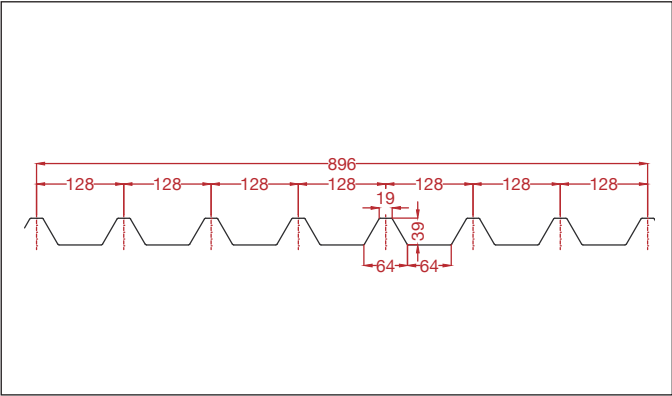
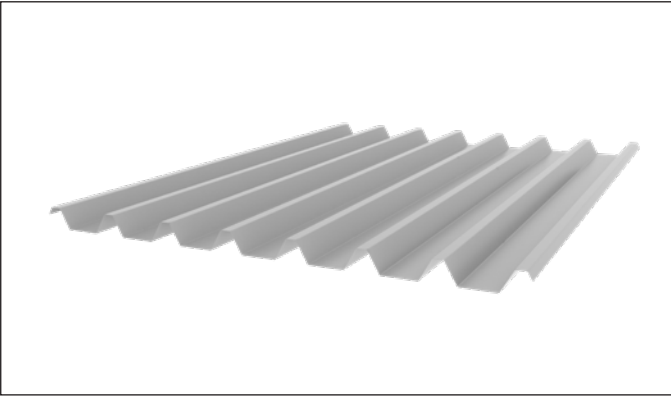
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	4,40	2,83	1,97	1,45	1,12	0,88	0,71	0,59	0,50	0,42	0,36	
0,50	4,91	0,055	6,07	3,90	2,72	2,00	1,54	1,22	0,99	0,82	0,69	0,58	0,50	
0,60	5,89	0,066	7,81	5,02	3,50	2,58	1,98	1,57	1,27	1,05	0,88	0,75	0,65	
0,75	7,36	0,082	10,56	6,79	4,74	3,49	2,68	2,12	1,72	1,43	1,20	1,02	0,88	
1,00	9,81	0,109	15,44	9,94	6,94	5,11	3,93	3,11	2,52	2,09	1,76	1,50	1,29	
1,25	12,27	0,137	20,61	13,27	9,26	6,83	5,24	4,15	3,37	2,79	2,35	2,01	1,70	



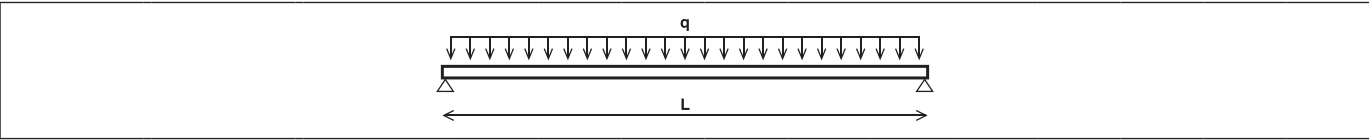
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	5,59	3,59	2,50	1,84	1,42	1,12	0,91	0,75	0,62	0,49	0,39	
0,50	4,91	0,055	7,70	4,95	3,45	2,54	1,95	1,54	1,25	1,04	0,84	0,66	0,53	
0,60	5,89	0,066	9,89	6,36	4,44	3,27	2,51	1,99	1,61	1,31	1,01	0,80	0,64	
0,75	7,36	0,082	13,36	8,60	6,00	4,42	3,39	2,69	2,18	1,64	1,27	1,00	0,80	
1,00	9,81	0,109	19,51	12,57	8,77	6,46	4,96	3,93	2,92	2,19	1,69	1,33	1,06	
1,25	12,27	0,137	26,01	16,76	11,69	8,62	6,62	5,00	3,65	2,74	2,11	1,66	1,33	

Trapezoidal sheet EL T39/896

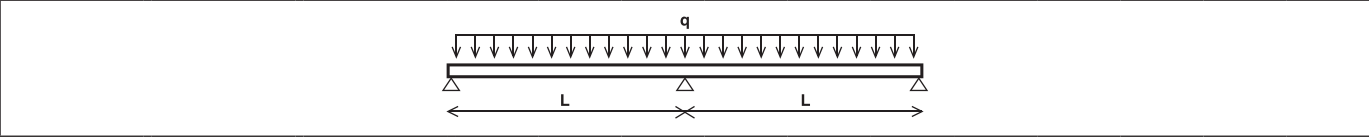
Steel S280GD



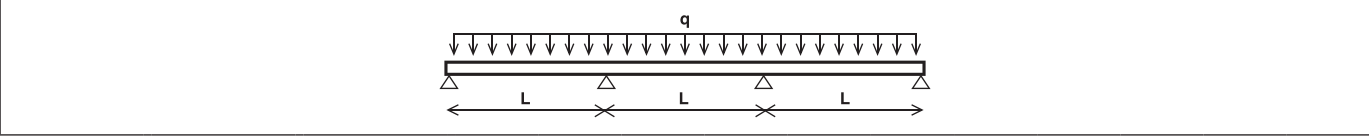
Opening: 1250 mm Thickness: 0,40 mm - 1,00 mm Cover: 896 ± 5 mm Depth: 39 ± 1 mm Pitch: 128 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	6,85	4,26	2,46	1,55	1,04	0,73	0,53	0,40	0,31	0,24	0,19	
0,50	4,91	0,055	10,36	6,03	3,49	2,20	1,47	1,03	0,75	0,57	0,44	0,34	0,27	
0,60	5,89	0,066	14,51	7,43	4,30	2,71	1,81	1,27	0,93	0,70	0,54	0,42	0,34	
0,75	7,36	0,082	18,13	9,28	5,37	3,38	2,27	1,59	1,16	0,87	0,67	0,53	0,42	
1,00	9,81	0,109	24,18	12,38	7,16	4,51	3,02	2,12	1,55	1,16	0,90	0,70	0,56	
1,25	12,27	0,137	30,24	15,48	8,96	5,64	3,78	2,65	1,94	1,45	1,12	0,88	0,71	



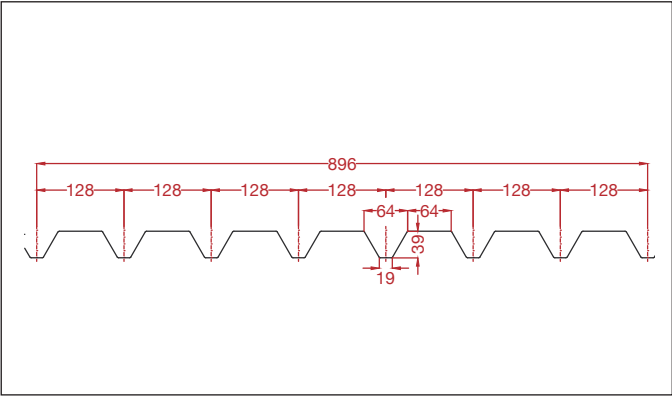
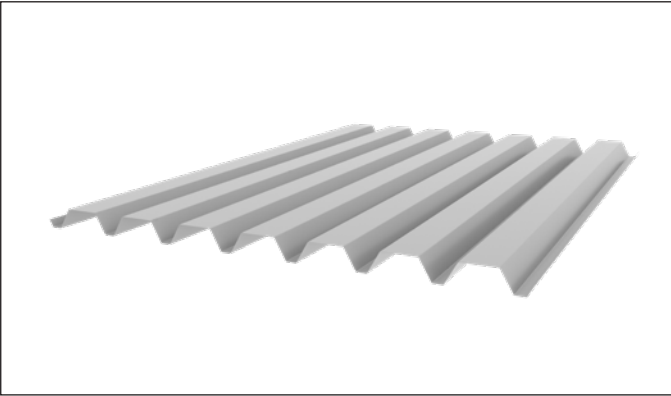
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	3,37	2,35	1,71	1,29	1,03	0,84	0,70	0,59	0,50	0,43	5,25	
0,50	4,91	0,055	4,11	2,87	2,11	1,62	1,28	1,04	0,86	0,72	0,62	0,53	6,40	
0,60	5,89	0,066	5,27	3,68	2,71	2,08	1,65	1,34	1,11	0,93	0,79	0,68	8,19	
0,75	7,36	0,082	7,10	4,95	3,65	2,80	2,22	1,80	1,49	1,26	1,07	0,92	11,03	
1,00	9,81	0,109	10,34	7,22	5,34	4,10	3,24	2,63	2,18	1,83	1,56	1,35	16,06	
1,25	12,27	0,137	13,76	9,60	7,08	5,44	4,31	3,50	2,90	2,44	2,08	1,70	21,35	



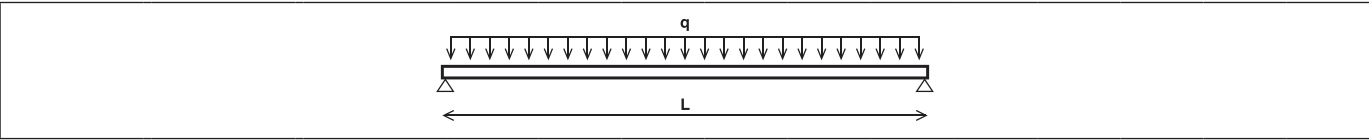
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	6,67	4,28	2,99	2,17	1,64	1,30	1,00	0,75	0,58	0,46	0,37	
0,50	4,91	0,055	8,10	5,21	3,63	2,68	2,05	1,63	1,32	1,07	0,82	0,65	0,52	
0,60	5,89	0,066	10,37	6,67	4,65	3,43	2,63	2,09	1,69	1,32	1,01	0,80	0,64	
0,75	7,36	0,082	13,95	8,98	6,26	4,62	3,55	2,81	2,19	1,64	1,27	1,00	0,80	
1,00	9,81	0,109	20,27	13,06	9,11	6,74	5,17	4,01	2,92	2,19	1,69	1,33	1,06	
1,25	12,27	0,137	26,93	17,35	12,11	8,93	6,86	5,01	3,65	2,74	2,11	1,66	1,33	

Trapezoidal sheet EL T39/896

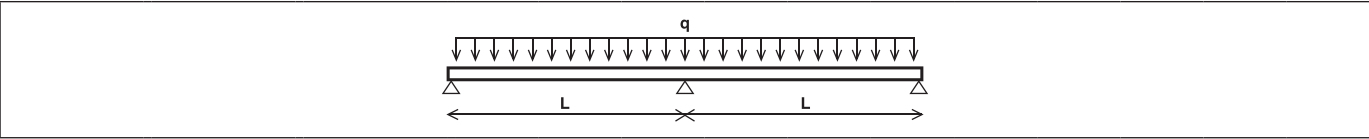
Steel S220GD



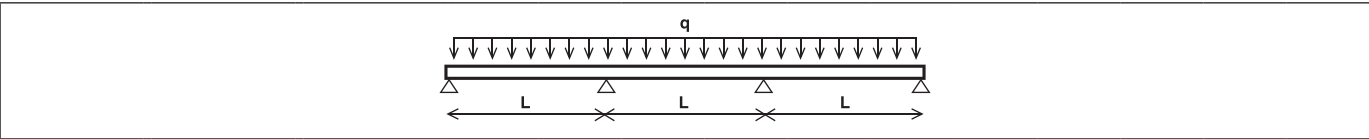
Opening: 1250 mm Thickness: 0,40 mm - 1,00 mm Cover: 896 ± 5 mm Depth: 39 ± 1 mm Pitch: 128 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	6,07	3,93	2,27	1,43	0,96	0,67	0,49	0,37	0,28	0,22	0,18	
0,50	4,91	0,055	9,03	5,12	2,96	1,87	1,25	0,88	0,64	0,48	0,37	0,29	0,23	
0,60	5,89	0,066	11,07	6,46	3,74	2,35	1,58	1,11	0,81	0,61	0,47	0,37	0,29	
0,75	7,36	0,082	14,16	8,57	4,96	3,12	2,09	1,47	1,07	0,80	0,62	0,49	0,39	
1,00	9,81	0,109	19,45	12,28	7,11	4,48	3,00	2,11	1,54	1,15	0,89	0,70	0,56	
1,25	12,27	0,137	24,72	13,62	7,88	4,96	3,33	2,34	1,70	1,28	0,99	0,77	0,62	



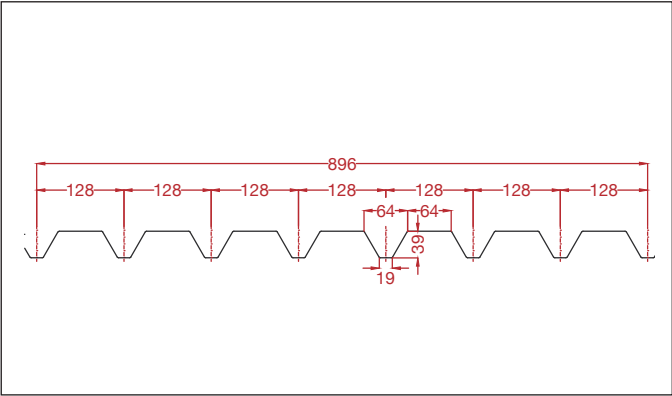
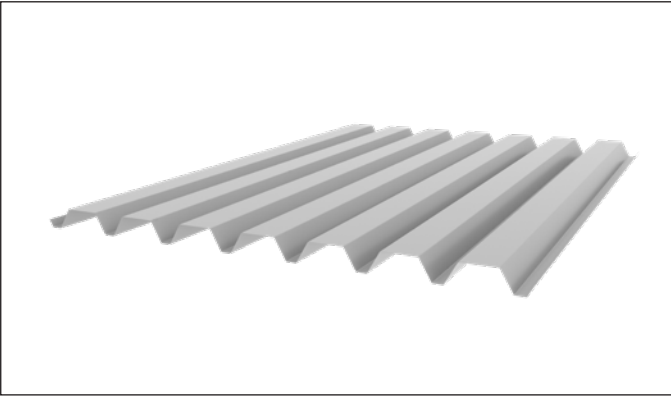
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	4,53	2,91	2,03	1,50	1,15	0,91	0,74	0,61	0,51	0,44	0,38	
0,50	4,91	0,055	6,29	4,05	2,82	2,08	1,60	1,26	1,03	0,85	0,71	0,61	0,52	
0,60	5,89	0,066	8,03	5,16	3,60	2,65	2,04	1,61	1,31	1,08	0,91	0,78	0,67	
0,75	7,36	0,082	10,74	6,91	4,82	3,55	2,73	2,16	1,75	1,45	1,22	1,04	0,90	
1,00	9,81	0,109	15,45	9,95	6,95	5,12	3,93	3,11	2,53	2,09	1,76	1,50	1,30	
1,25	12,27	0,137	20,39	13,13	9,17	6,76	5,19	4,11	3,34	2,77	2,33	1,87	1,49	



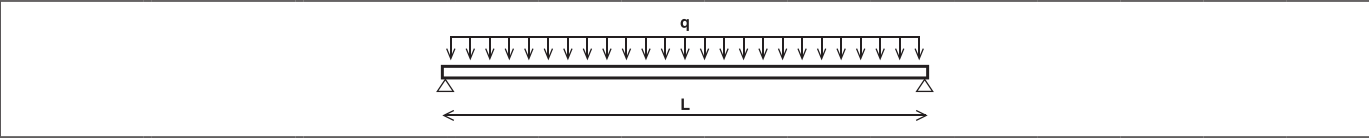
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	5,75	3,70	2,58	1,90	1,46	1,15	0,93	0,70	0,54	0,42	0,34	
0,50	4,91	0,055	7,98	5,13	3,58	2,64	2,02	1,60	1,21	0,91	0,70	0,55	0,44	
0,60	5,89	0,066	10,17	6,54	4,56	3,36	2,58	2,04	1,52	1,14	0,88	0,69	0,56	
0,75	7,36	0,082	13,59	8,74	6,10	4,50	3,45	2,73	2,02	1,52	1,17	0,92	0,74	
1,00	9,81	0,109	19,52	12,57	8,78	6,47	4,97	3,94	2,90	2,18	1,68	1,32	1,06	
1,25	12,27	0,137	25,74	16,57	11,57	8,53	6,28	4,41	3,21	2,41	1,86	1,46	1,17	

Trapezoidal sheet EL T39/896

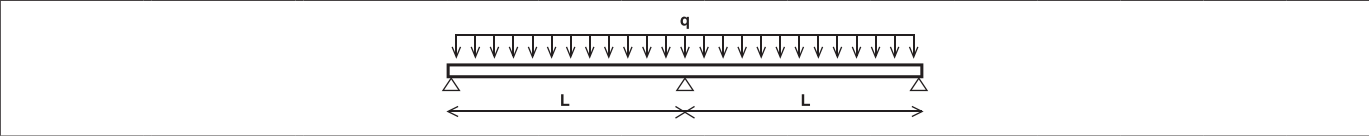
Steel S280GD



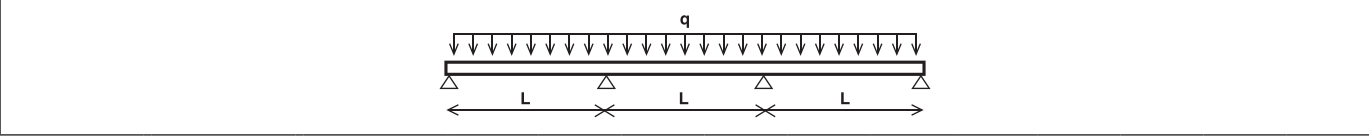
Opening: 1250 mm Thickness: 0,4 mm - 1,00 mm Cover: 896 ± 5 mm Depth: 39 ± 1 mm Pitch: 128 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	6,85	3,70	2,14	1,35	0,90	0,63	0,46	0,35	0,27	0,21	0,17	
0,50	4,91	0,055	9,68	4,96	2,87	1,81	1,21	0,85	0,62	0,47	0,36	0,28	0,23	
0,60	5,89	0,066	12,21	6,25	3,62	2,28	1,53	1,07	0,78	0,59	0,45	0,36	0,28	
0,75	7,36	0,082	16,21	8,30	4,80	3,02	2,03	1,42	1,04	0,78	0,60	0,47	0,38	
1,00	9,81	0,109	23,29	11,92	6,90	4,35	2,91	2,04	1,49	1,12	0,86	0,68	0,54	
1,25	12,27	0,137	31,12	16,03	9,28	5,84	3,91	2,75	2,00	1,51	1,16	0,91	0,73	



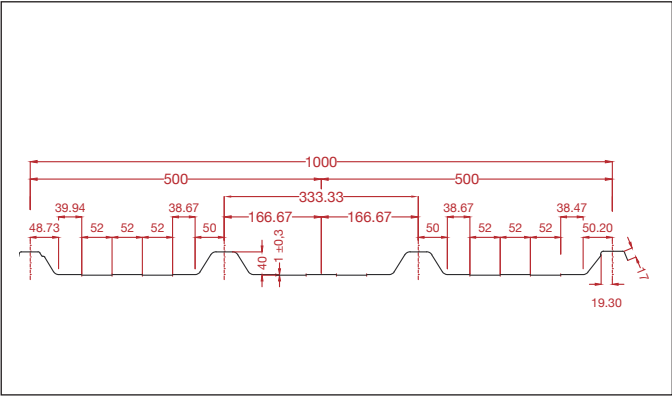
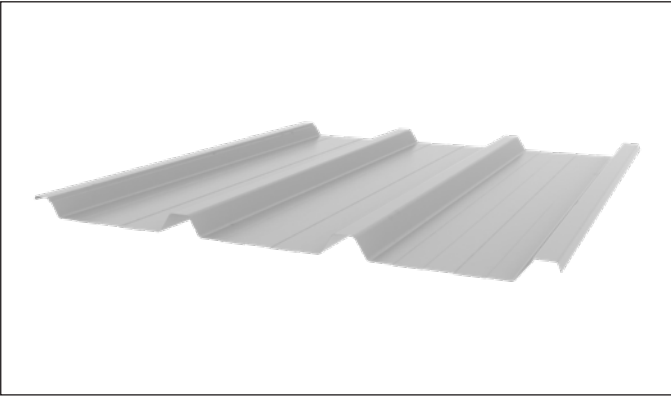
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	5,35	3,44	2,40	1,77	1,35	1,07	0,87	0,72	0,61	0,51	0,41	
0,50	4,91	0,055	7,51	4,82	3,36	2,48	1,90	1,51	1,22	1,01	0,85	0,68	0,54	
0,60	5,89	0,066	9,69	6,23	4,34	3,20	2,46	1,94	1,58	1,31	1,09	0,86	0,69	
0,75	7,36	0,082	13,02	8,37	5,84	4,30	3,30	2,62	2,12	1,76	1,45	1,14	0,91	
1,00	9,81	0,109	18,87	12,14	8,47	6,24	4,80	3,80	3,08	2,55	2,08	1,63	1,31	
1,25	12,27	0,137	24,98	16,08	11,23	8,27	6,36	5,03	4,09	3,38	2,79	2,20	1,76	



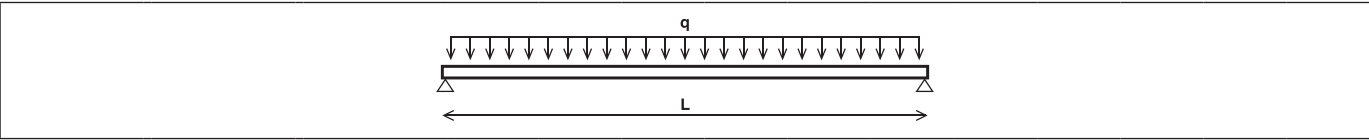
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,93	0,044	6,80	4,37	3,05	2,24	1,70	1,20	0,87	0,66	0,50	0,40	0,32	
0,50	4,91	0,055	9,53	6,13	4,27	3,15	2,28	1,60	1,17	0,88	0,68	0,53	0,43	
0,60	5,89	0,066	12,29	7,90	5,51	4,06	2,88	2,02	1,47	1,11	0,85	0,67	0,54	
0,75	7,36	0,082	16,50	10,61	7,40	5,45	3,82	2,69	1,96	1,47	1,13	0,89	0,71	
1,00	9,81	0,109	23,87	15,36	10,72	7,90	5,49	3,86	2,81	2,11	1,63	1,28	1,02	
1,25	12,27	0,137	31,56	20,31	14,18	10,45	7,38	5,19	3,78	2,84	2,19	1,72	1,38	

Trapezoidal sheet EL T40/1000

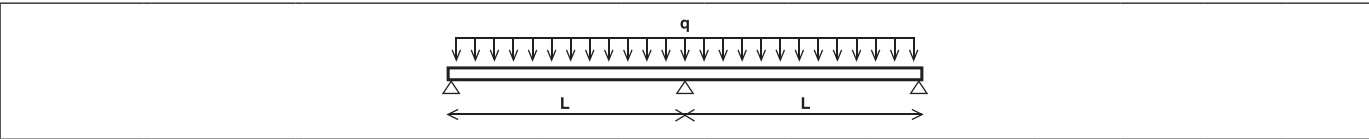
Steel S220GD



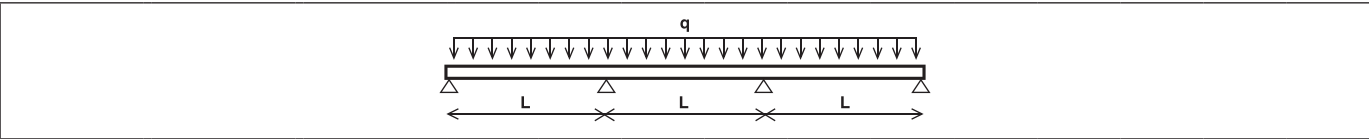
Opening: 1175 mm Thickness: 0,40 mm - 0,80 mm Cover: 1000 ± 5 mm Depth: 40 ± 1 mm Pitch: 333,33 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	1,49	1,19	0,99	0,85	0,61	0,43	0,31	0,23	0,18	0,14	0,11
0,45	4,15	0,042	1,93	1,54	1,29	1,10	0,75	0,53	0,39	0,29	0,22	0,18	0,14
0,50	4,61	0,046	2,42	1,94	1,61	1,35	0,90	0,64	0,46	0,35	0,27	0,21	0,17
0,60	5,53	0,055	3,56	2,85	2,37	1,84	1,23	0,87	0,63	0,47	0,37	0,29	0,23
0,75	6,92	0,069	5,64	4,51	3,74	2,46	1,65	1,16	0,84	0,63	0,49	0,38	0,31
0,80	7,38	0,074	6,42	5,14	4,08	2,67	1,79	1,26	0,92	0,69	0,53	0,42	0,33



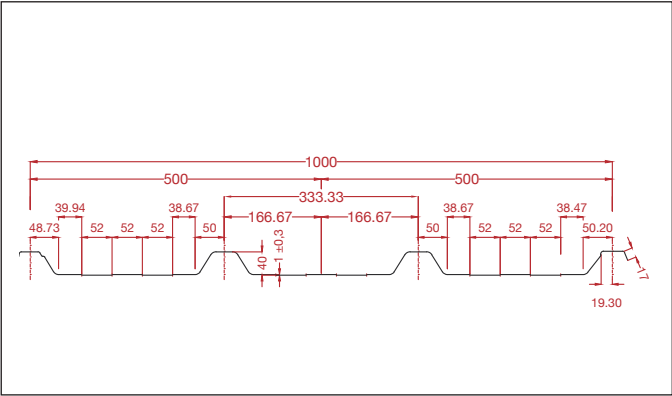
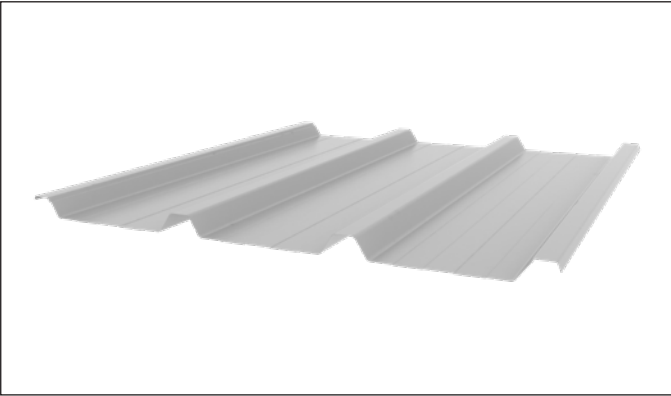
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	1,44	0,93	0,65	0,48	0,37	0,29	0,24	0,20	0,17	0,14	0,12
0,45	4,15	0,042	1,78	1,15	0,81	0,60	0,46	0,36	0,30	0,24	0,21	0,18	0,15
0,50	4,61	0,046	2,14	1,39	0,98	0,72	0,56	0,44	0,36	0,30	0,25	0,21	0,18
0,60	5,53	0,055	2,93	1,90	1,34	0,99	0,77	0,61	0,49	0,41	0,34	0,29	0,25
0,75	6,92	0,069	4,24	2,76	1,95	1,45	1,12	0,89	0,72	0,59	0,50	0,43	0,37
0,80	7,38	0,074	4,70	3,07	2,17	1,61	1,25	0,99	0,80	0,66	0,56	0,47	0,41



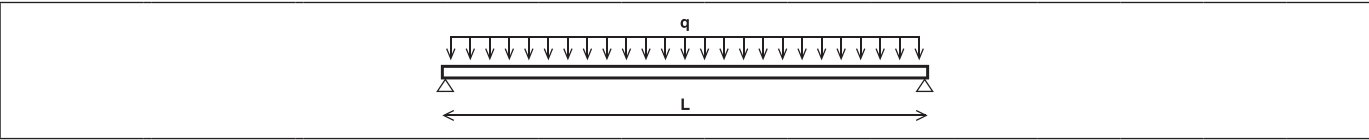
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	1,83	1,19	0,84	0,62	0,47	0,37	0,30	0,25	0,21	0,18	0,16
0,45	4,15	0,042	2,27	1,47	1,04	0,76	0,59	0,46	0,38	0,31	0,26	0,22	0,19
0,50	4,61	0,046	2,73	1,77	1,25	0,92	0,71	0,56	0,46	0,38	0,32	0,27	0,23
0,60	5,53	0,055	3,73	2,43	1,71	1,27	0,98	0,77	0,63	0,52	0,44	0,37	0,32
0,75	6,92	0,069	5,39	3,51	2,48	1,84	1,42	1,13	0,92	0,76	0,64	0,54	0,47
0,80	7,38	0,074	5,98	3,90	2,76	2,05	1,59	1,25	1,02	0,84	0,71	0,60	0,52

Trapezoidal sheet EL T40/1000

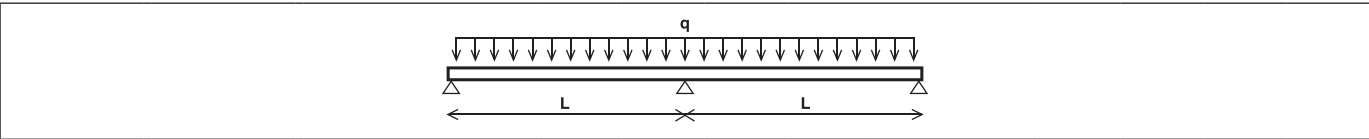
Steel S280GD



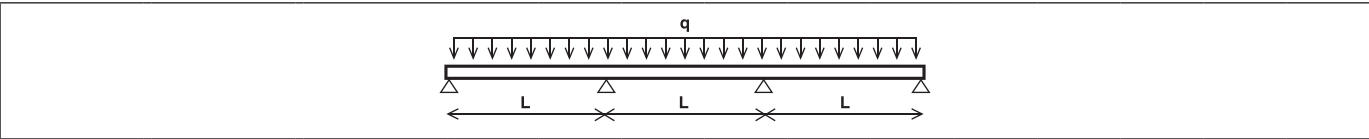
Opening: 1175 mm Thickness: 0,40 mm - 0,80 mm Cover: 1000 ± 5 mm Depth: 40 ± 1 mm Pitch: 333,33 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,69	0,037	1,68	1,34	1,12	0,83	0,56	0,39	0,28	0,21	0,16	0,13	0,10	
0,45	4,15	0,042	2,16	1,73	1,44	1,02	0,69	0,48	0,35	0,26	0,20	0,16	0,13	
0,50	4,61	0,046	2,73	2,19	1,82	1,23	0,83	0,58	0,42	0,32	0,24	0,19	0,15	
0,60	5,53	0,055	4,02	3,21	2,68	1,69	1,13	0,80	0,58	0,44	0,34	0,26	0,21	
0,75	6,92	0,069	6,36	5,09	3,78	2,38	1,59	1,12	0,82	0,61	0,47	0,37	0,30	
0,80	7,38	0,074	7,26	5,81	4,10	2,58	1,73	1,22	0,89	0,67	0,51	0,40	0,32	



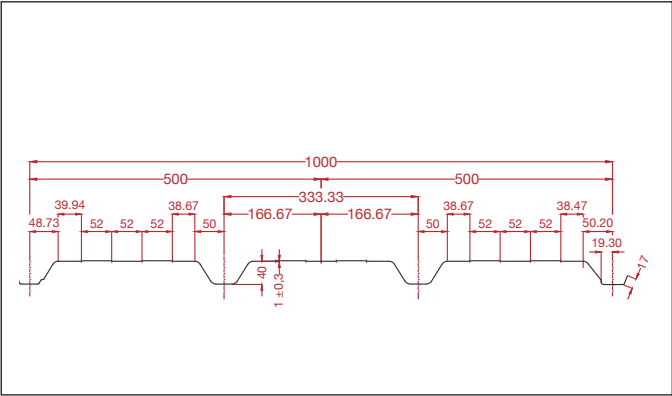
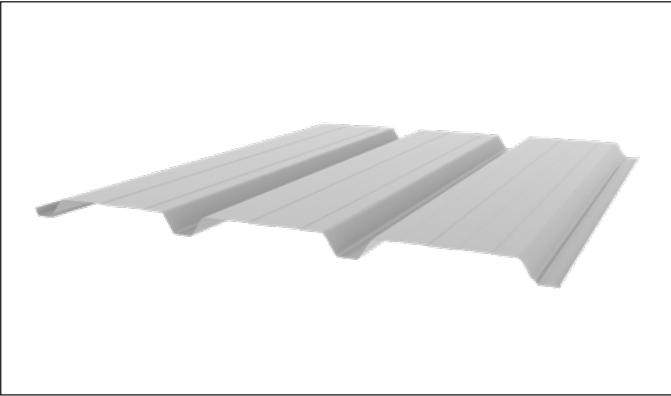
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,69	0,037	1,67	1,08	0,76	0,56	0,43	0,34	0,28	0,23	0,19	0,16	0,14	
0,45	4,15	0,042	2,07	1,34	0,94	0,69	0,53	0,42	0,34	0,28	0,24	0,20	0,18	
0,50	4,61	0,046	2,50	1,62	1,14	0,84	0,65	0,51	0,41	0,34	0,29	0,25	0,21	
0,60	5,53	0,055	3,42	2,22	1,57	1,16	0,89	0,70	0,57	0,47	0,40	0,34	0,29	
0,75	6,92	0,069	4,97	3,24	2,29	1,69	1,31	1,03	0,84	0,69	0,58	0,50	0,43	
0,80	7,38	0,074	5,53	3,60	2,54	1,89	1,46	1,15	0,94	0,77	0,65	0,55	0,48	



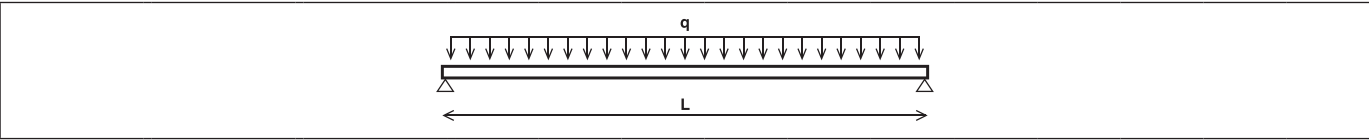
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,40	3,69	0,037	2,10	1,38	0,97	0,71	0,55	0,43	0,35	0,29	0,24	0,21	0,18	
0,45	4,15	0,042	2,64	1,71	1,20	0,89	0,68	0,54	0,44	0,36	0,30	0,26	0,22	
0,50	4,61	0,046	3,18	2,07	1,45	1,07	0,82	0,65	0,53	0,44	0,37	0,31	0,27	
0,60	5,53	0,055	4,36	2,83	2,00	1,47	1,13	0,90	0,73	0,60	0,51	0,43	0,37	
0,75	6,92	0,069	6,33	4,12	2,91	2,16	1,66	1,32	1,07	0,88	0,74	0,63	0,55	
0,80	7,38	0,074	7,03	4,58	3,24	2,40	1,85	1,47	1,19	0,99	0,83	0,71	0,61	

Trapezoidal sheet EL T40/1000

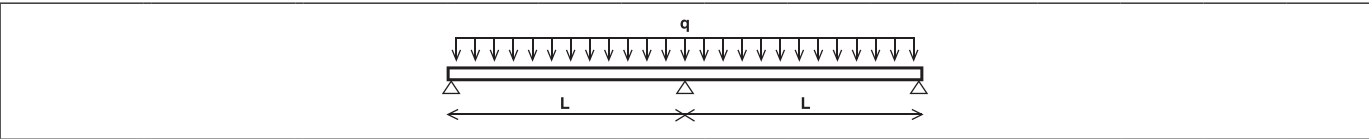
Steel S220GD



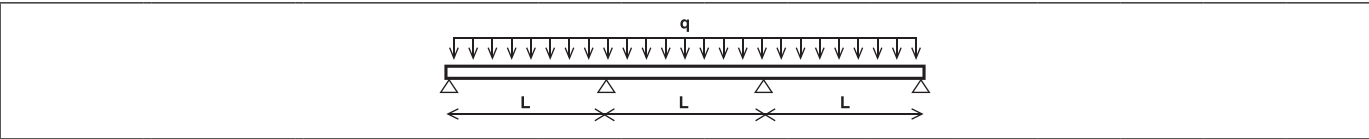
Opening: 1175 mm Thickness: 0,40 mm - 0,80 mm Cover: 1000 ± 5 mm Depth: 40 ± 1 mm Pitch: 333,33 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	1,49	1,19	0,99	0,85	0,61	0,43	0,31	0,23	0,18	0,14	0,11
0,45	4,15	0,042	1,93	1,54	1,29	1,05	0,70	0,49	0,36	0,27	0,21	0,16	0,13
0,50	4,61	0,046	2,42	1,94	1,61	1,20	0,80	0,56	0,41	0,31	0,24	0,19	0,15
0,60	5,53	0,055	3,56	2,85	2,37	1,51	1,01	0,71	0,52	0,39	0,30	0,24	0,19
0,75	6,92	0,069	5,64	4,51	3,18	2,00	1,34	0,94	0,69	0,52	0,40	0,31	0,25
0,80	7,38	0,074	6,42	5,14	3,44	2,17	1,45	1,02	0,74	0,56	0,43	0,34	0,27



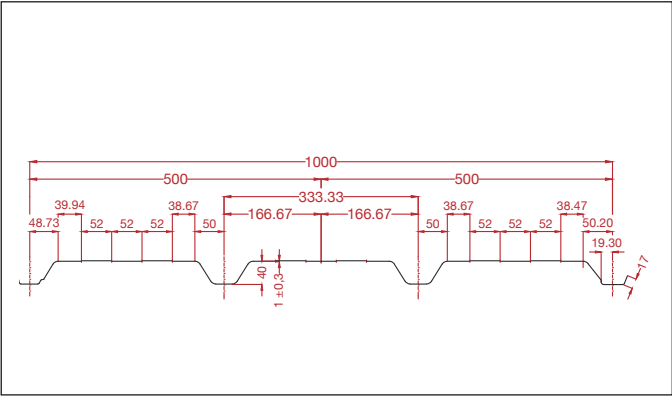
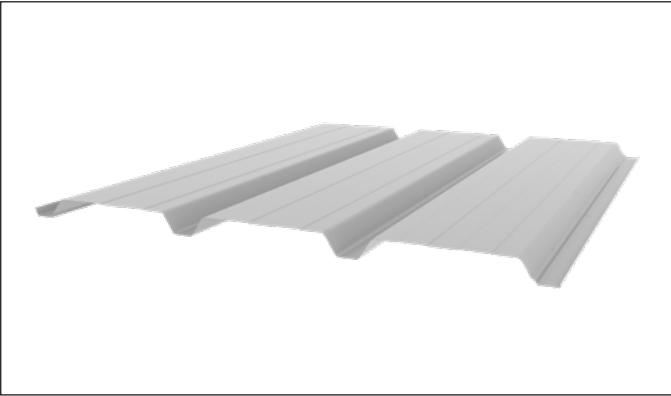
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	1,50	0,98	0,69	0,51	0,39	0,31	0,25	0,21	0,18	0,15	0,13
0,45	4,15	0,042	1,85	1,20	0,85	0,63	0,48	0,38	0,31	0,26	0,22	0,18	0,16
0,50	4,61	0,046	2,21	1,43	1,01	0,75	0,58	0,46	0,37	0,31	0,26	0,22	0,19
0,60	5,53	0,055	2,97	1,94	1,37	1,02	0,79	0,62	0,51	0,42	0,35	0,30	0,26
0,75	6,92	0,069	4,21	2,75	1,94	1,47	1,16	0,91	0,73	0,60	0,50	0,43	0,37
0,80	7,38	0,074	4,64	3,03	2,15	1,60	1,24	0,98	0,80	0,66	0,55	0,47	0,41



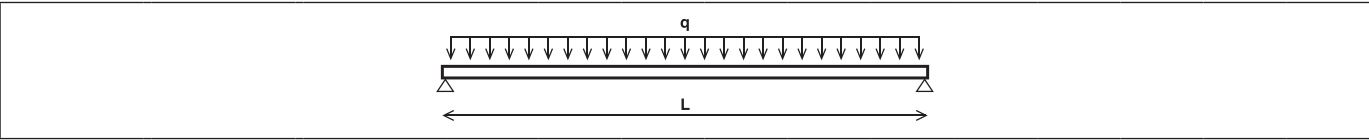
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	1,86	1,25	0,88	0,65	0,50	0,40	0,32	0,27	0,22	0,19	0,16
0,45	4,15	0,042	2,36	1,53	1,08	0,80	0,62	0,49	0,40	0,33	0,28	0,24	0,20
0,50	4,61	0,046	2,82	1,83	1,28	0,96	0,74	0,59	0,48	0,39	0,33	0,28	0,24
0,60	5,53	0,055	3,79	2,47	1,74	1,29	1,00	0,79	0,64	0,53	0,45	0,38	0,33
0,75	6,92	0,069	5,35	3,49	2,47	1,88	1,48	1,16	0,93	0,76	0,64	0,54	0,47
0,80	7,38	0,074	5,90	3,85	2,73	2,03	1,57	1,25	1,01	0,84	0,71	0,60	0,51

Trapezoidal sheet EL T40/1000

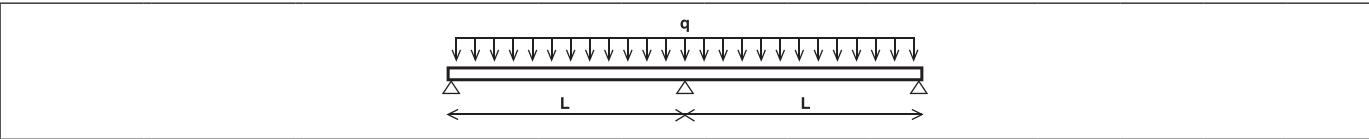
Steel S280GD



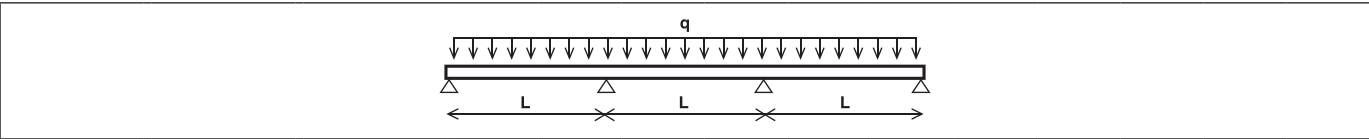
Opening: 1175 mm Thickness: 0,40 mm - 0,80 mm Cover: 1000 ± 5 mm Depth: 40 ± 1 mm Pitch: 333,33 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	1,68	1,34	1,12	0,85	0,57	0,40	0,29	0,22	0,17	0,13	0,11
0,45	4,15	0,042	2,16	1,73	1,44	1,02	0,68	0,48	0,35	0,26	0,20	0,16	0,13
0,50	4,61	0,046	2,73	2,19	1,82	1,17	0,78	0,55	0,40	0,30	0,23	0,18	0,15
0,60	5,53	0,055	4,02	3,21	2,32	1,46	0,98	0,69	0,50	0,38	0,29	0,23	0,18
0,75	6,92	0,069	6,36	5,09	3,08	1,94	1,30	0,91	0,66	0,50	0,38	0,30	0,24
0,80	7,38	0,074	7,26	5,77	3,34	2,10	1,41	0,99	0,72	0,54	0,42	0,33	0,26



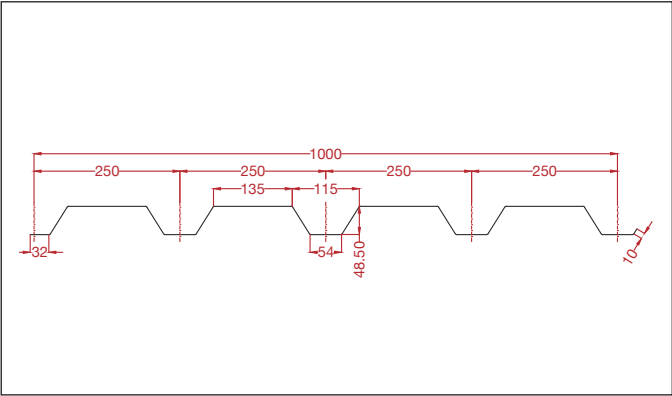
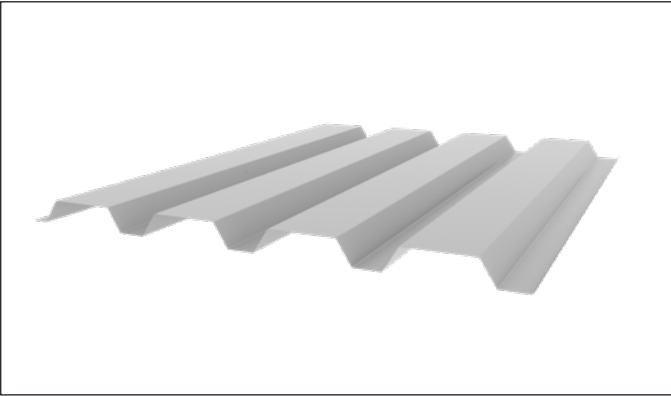
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	1,76	1,14	0,80	0,59	0,46	0,36	0,29	0,24	0,20	0,17	0,15
0,45	4,15	0,042	2,17	1,41	0,99	0,73	0,57	0,45	0,36	0,30	0,25	0,22	0,19
0,50	4,61	0,046	2,60	1,69	1,19	0,88	0,68	0,54	0,44	0,36	0,30	0,26	0,22
0,60	5,53	0,055	3,51	2,29	1,61	1,20	0,93	0,73	0,59	0,49	0,41	0,35	0,30
0,75	6,92	0,069	5,00	3,26	2,30	1,71	1,33	1,05	0,85	0,71	0,59	0,51	0,44
0,80	7,38	0,074	5,52	3,60	2,55	1,89	1,47	1,16	0,94	0,78	0,66	0,56	0,48



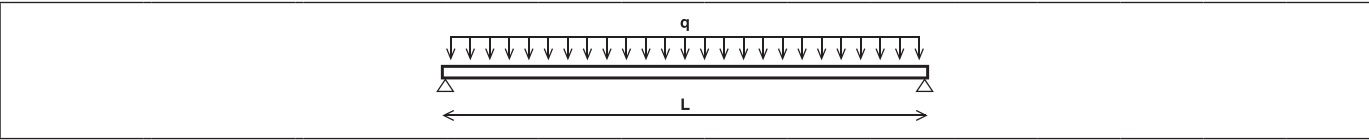
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,40	3,69	0,037	2,10	1,46	1,02	0,76	0,59	0,46	0,38	0,31	0,26	0,22	0,19
0,45	4,15	0,042	2,70	1,80	1,26	0,94	0,72	0,57	0,46	0,38	0,32	0,28	0,24
0,50	4,61	0,046	3,32	2,15	1,52	1,13	0,87	0,69	0,56	0,46	0,39	0,33	0,27
0,60	5,53	0,055	4,48	2,91	2,06	1,53	1,18	0,93	0,76	0,63	0,53	0,43	0,35
0,75	6,92	0,069	6,36	4,15	2,93	2,18	1,69	1,34	1,09	0,90	0,73	0,57	0,46
0,80	7,38	0,074	7,02	4,58	3,24	2,41	1,87	1,48	1,20	0,99	0,79	0,62	0,50

Trapezoidal sheet EL T50/1000

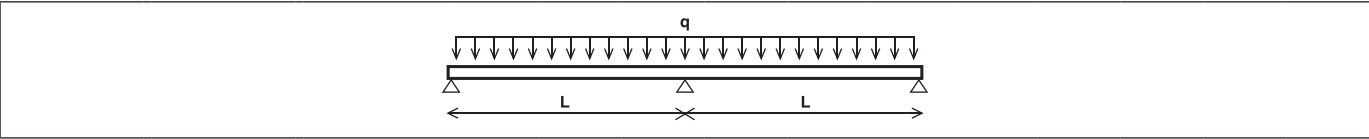
Steel S220GD



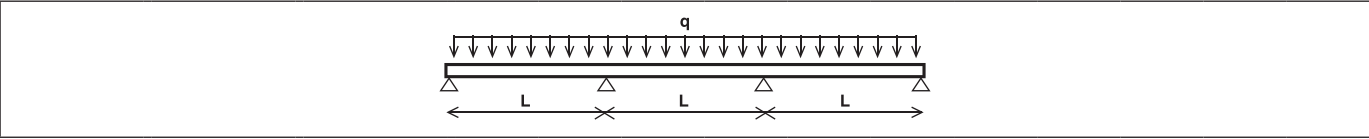
Opening: 1250 mm Thickness: 0,40 mm - 1,25 mm Cover: 1000 ± 5 mm Depth: 48,5 ± 1 mm Pitch: 250 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	4,40	3,52	2,93	2,36	1,58	1,11	0,81	0,61	0,47	0,37	0,29	
0,60	5,89	0,059	6,21	4,96	4,14	2,98	2,00	1,40	1,02	0,77	0,59	0,47	0,37	
0,75	7,36	0,074	9,44	7,55	6,29	4,01	2,69	1,89	1,38	1,03	0,80	0,63	0,50	
1,00	9,81	0,099	16,18	12,94	9,27	5,84	3,91	2,75	2,00	1,50	1,16	0,91	0,73	
1,25	12,27	0,123	24,60	19,30	12,38	7,79	5,22	3,67	2,67	2,01	1,55	1,22	0,97	



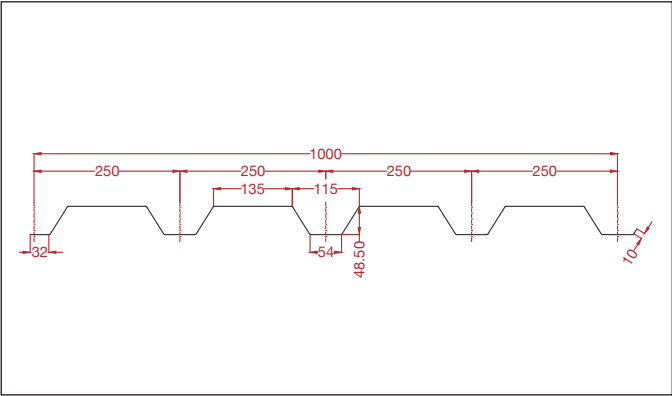
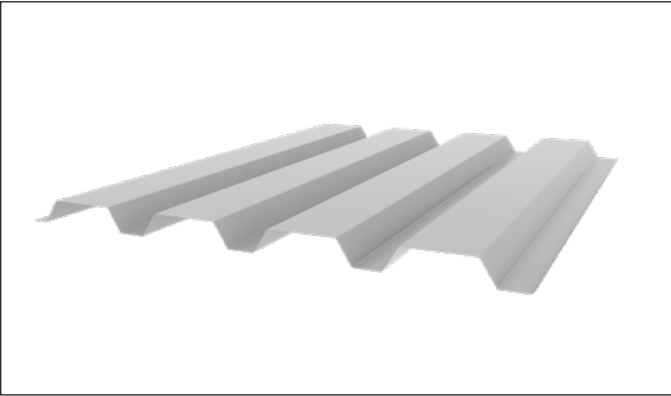
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	3,85	2,50	1,75	1,30	1,00	0,79	0,64	0,53	0,45	0,38	0,33	
0,60	5,89	0,059	5,14	3,34	2,35	1,74	1,35	1,06	0,86	0,72	0,60	0,51	0,44	
0,75	7,36	0,074	7,32	4,76	3,36	2,49	1,93	1,53	1,24	1,03	0,87	0,74	0,64	
1,00	9,81	0,099	11,43	7,45	5,27	3,92	3,03	2,41	1,96	1,63	1,37	1,17	1,01	
1,25	12,27	0,123	16,06	10,50	7,43	5,53	4,29	3,41	2,79	2,31	1,95	1,66	1,43	



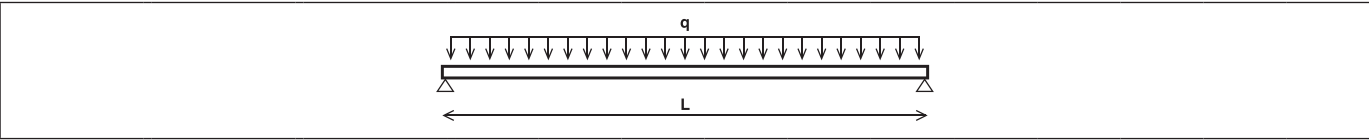
Thickness (mm)	Weight (kg/m)	Δύναμη q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	4,90	3,18	2,24	1,66	1,28	1,01	0,82	0,68	0,57	0,49	0,42	
0,60	5,89	0,059	6,54	4,25	2,99	2,22	1,71	1,36	1,10	0,91	0,77	0,65	0,56	
0,75	7,36	0,074	9,31	6,06	4,27	3,17	2,45	1,94	1,58	1,31	1,10	0,94	0,81	
1,00	9,81	0,099	14,53	9,48	6,70	4,98	3,86	3,06	2,50	2,07	1,75	1,49	1,28	
1,25	12,27	0,123	20,39	13,33	9,45	7,03	5,45	4,33	3,54	2,94	2,48	2,12	1,82	

Trapezoidal sheet EL T50/1000

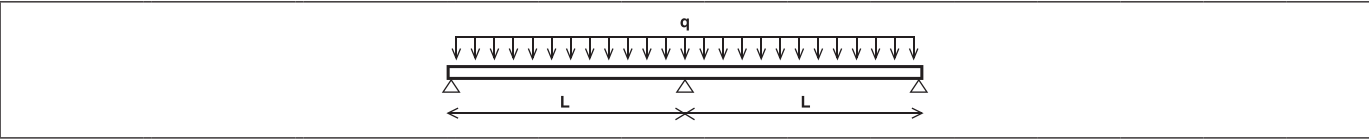
Steel S280GD



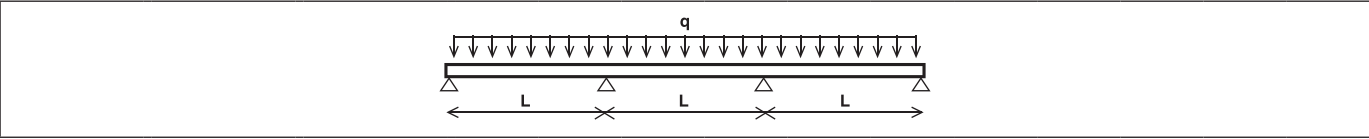
Opening: 1250 mm Thickness: 0,40 mm - 1,25 mm Cover: 1000 ± 5 mm Depth: 48,5 ± 1 mm Pitch: 250 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	4,96	3,97	3,31	2,23	1,49	1,05	0,77	0,58	0,44	0,35	0,28	
0,60	5,89	0,059	7,00	5,60	4,57	2,88	1,93	1,36	0,99	0,74	0,57	0,45	0,36	
0,75	7,36	0,074	10,64	8,51	6,15	3,87	2,59	1,82	1,33	1,00	0,77	0,60	0,48	
1,00	9,81	0,099	18,27	14,62	8,94	5,63	3,77	2,65	1,93	1,45	1,12	0,88	0,70	
1,25	12,27	0,123	27,74	20,66	11,95	7,53	5,04	3,54	2,58	1,94	1,49	1,18	0,94	



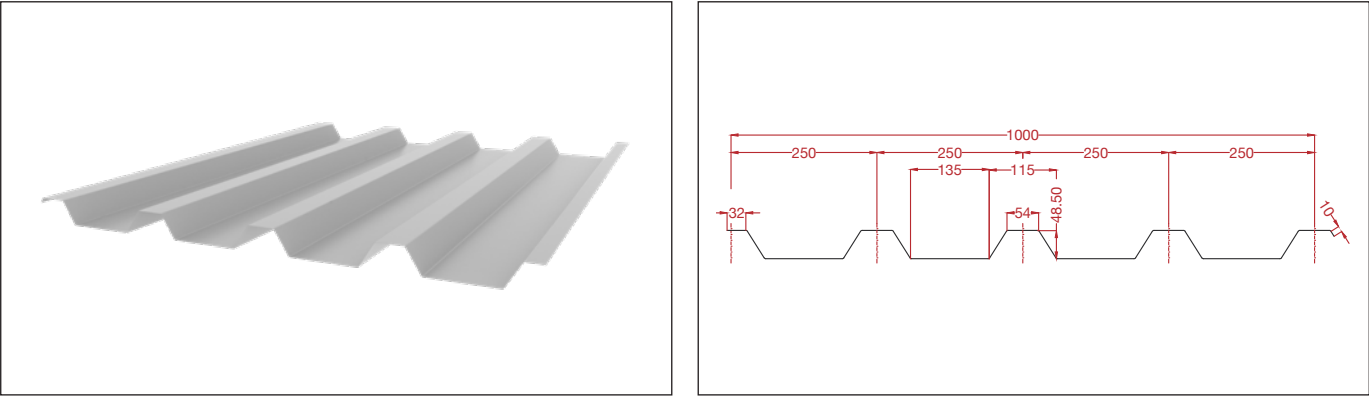
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	4,50	2,91	2,05	1,51	1,16	0,92	0,75	0,62	0,52	0,44	0,38	
0,60	5,89	0,059	6,01	3,89	2,74	2,03	1,56	1,24	1,01	0,83	0,70	0,60	0,51	
0,75	7,36	0,074	8,57	5,56	3,92	2,91	2,24	1,78	1,44	1,20	1,01	0,86	0,74	
1,00	9,81	0,099	13,42	8,74	6,17	4,58	3,54	2,81	2,29	1,90	1,60	1,36	1,17	
1,25	12,27	0,123	18,93	12,35	8,74	6,50	5,03	4,00	3,26	2,71	2,28	1,95	1,68	



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	5,73	3,71	2,61	1,93	1,48	1,17	0,95	0,79	0,66	0,57	0,49	
0,60	5,89	0,059	7,65	4,96	3,49	2,59	2,00	1,58	1,28	1,06	0,89	0,76	0,66	
0,75	7,36	0,074	10,91	7,09	4,99	3,70	2,86	2,26	1,84	1,52	1,28	1,09	0,91	
1,00	9,81	0,099	17,07	11,12	7,85	5,83	4,51	3,58	2,92	2,42	2,04	1,66	1,33	
1,25	12,27	0,123	24,05	15,70	11,11	8,26	6,40	5,08	4,15	3,44	2,82	2,22	1,78	

Trapezoidal sheet EL T50/1000

Steel S220GD



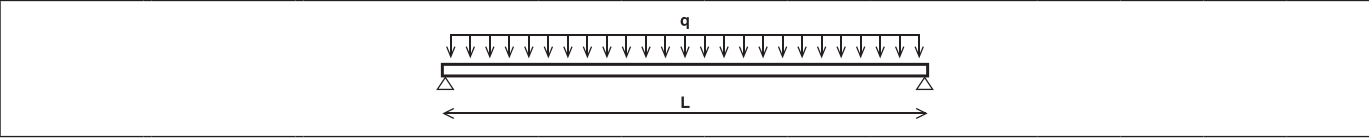
Opening: 1250 mm

Thickness: 0,40 mm - 1,25 mm

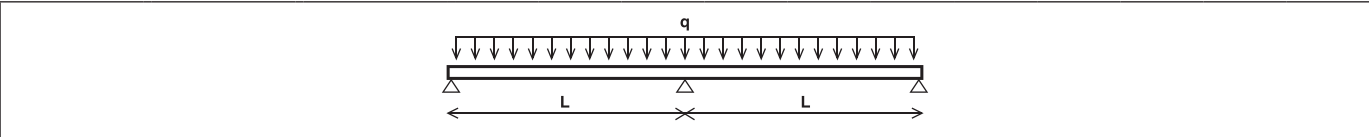
Cover: 1000 ± 5 mm

Depth: 48,5 ± 1 mm

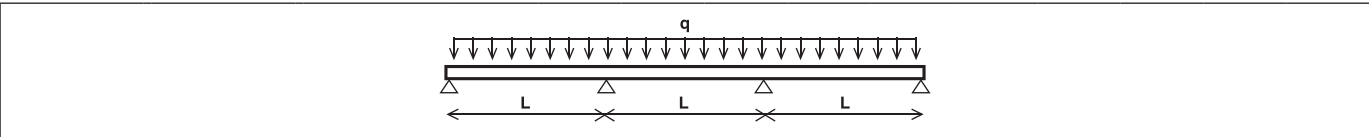
Pitch: 250 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	4,40	3,52	2,93	2,50	1,68	1,18	0,86	0,64	0,50	0,39	0,31	
0,60	5,89	0,059	6,21	4,96	4,14	3,38	2,26	1,59	1,16	0,87	0,67	0,53	0,42	
0,75	7,36	0,074	9,44	7,55	6,29	4,62	3,09	2,17	1,58	1,19	0,92	0,72	0,58	
1,00	9,81	0,099	16,18	12,94	10,02	6,69	4,48	3,15	2,29	1,72	1,33	1,04	0,84	
1,25	12,27	0,123	24,60	19,51	13,55	8,85	5,93	4,16	3,03	2,28	1,76	1,38	1,11	



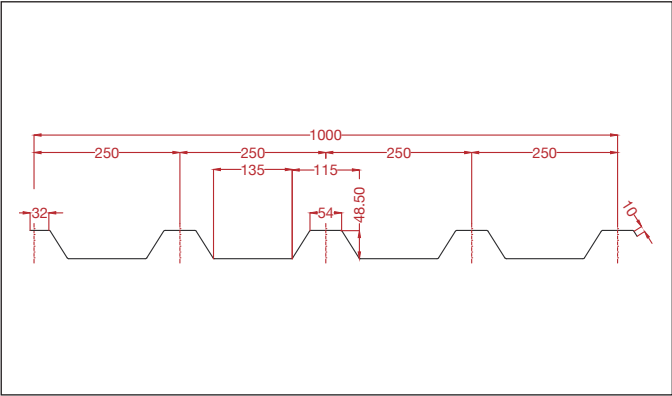
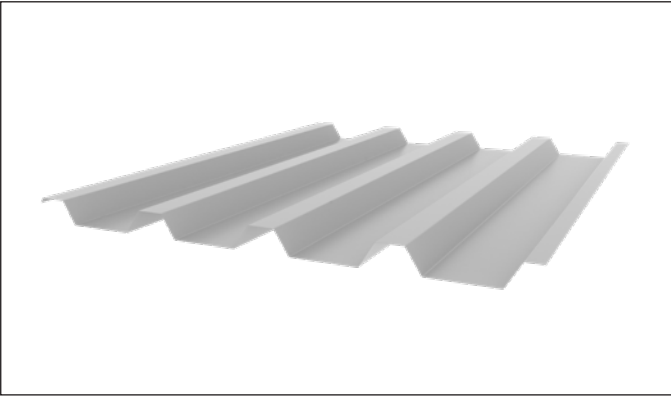
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	3,92	2,55	1,80	1,33	1,03	0,82	0,67	0,56	0,47	0,40	0,34	
0,60	5,89	0,059	5,25	3,42	2,42	1,79	1,39	1,10	0,90	0,75	0,63	0,54	0,46	
0,75	7,36	0,074	7,52	4,91	3,48	2,59	2,00	1,59	1,30	1,08	0,91	0,78	0,67	
1,00	9,81	0,099	11,59	7,57	5,35	3,98	3,08	2,45	2,00	1,66	1,41	1,20	1,03	
1,25	12,27	0,123	15,93	10,41	7,38	5,49	4,26	3,39	2,77	2,30	1,94	1,66	1,43	



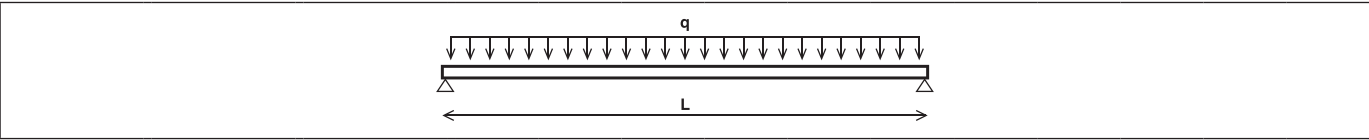
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	5,00	3,25	2,29	1,70	1,31	1,05	0,85	0,71	0,60	0,51	0,44	
0,60	5,89	0,059	6,69	4,36	3,08	2,29	1,77	1,41	1,15	0,96	0,81	0,69	0,59	
0,75	7,36	0,074	9,57	6,25	4,43	3,29	2,55	2,03	1,66	1,38	1,17	0,99	0,86	
1,00	9,81	0,099	14,74	9,62	6,81	5,06	3,92	3,12	2,55	2,12	1,79	1,52	1,31	
1,25	12,27	0,123	20,22	13,23	9,37	6,98	5,41	4,31	3,52	2,93	2,47	2,11	1,82	

Trapezoidal sheet EL T50/1000

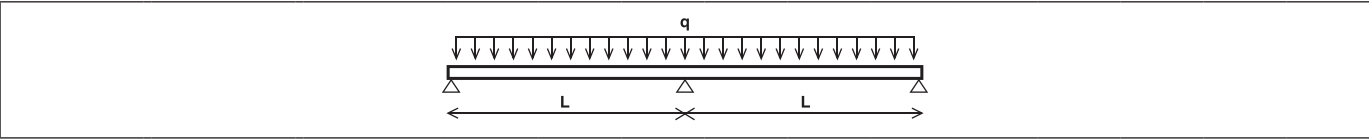
Steel S280GD



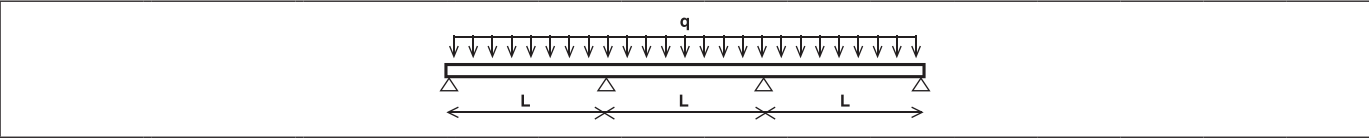
Opening: 1250 mm Thickness: 0,40 mm - 1,25 mm Cover: 1000 ± 5 mm Depth: 48,5 ± 1 mm Pitch: 250 ± 2 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	4,96	3,97	3,31	2,31	1,55	1,09	0,79	0,59	0,46	0,36	0,29	
0,60	5,89	0,059	7,00	5,60	4,67	3,13	2,09	1,47	1,07	0,81	0,62	0,49	0,39	
0,75	7,36	0,074	10,64	8,51	7,08	4,46	2,99	2,10	1,53	1,15	0,88	0,70	0,56	
1,00	9,81	0,099	18,27	14,62	10,26	6,46	4,33	3,04	2,22	1,67	1,28	1,01	0,81	
1,25	12,27	0,123	27,74	22,19	13,63	8,58	5,75	4,04	2,94	2,21	1,70	1,34	1,07	



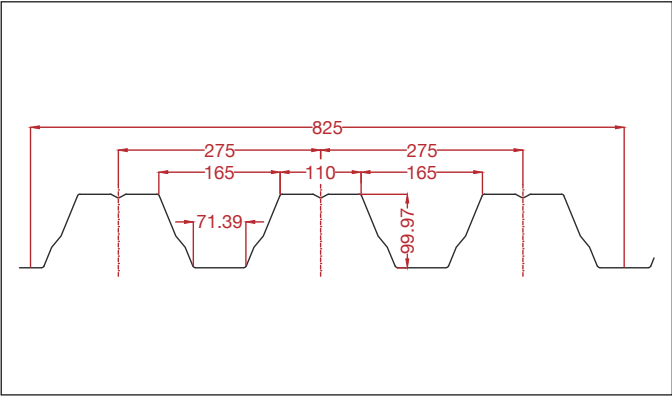
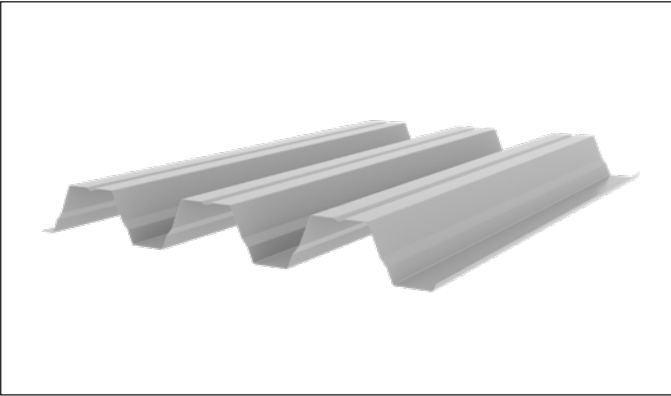
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	4,57	2,97	2,09	1,55	1,20	0,95	0,78	0,64	0,54	0,46	0,40	
0,60	5,89	0,059	6,13	3,98	2,81	2,08	1,61	1,28	1,05	0,87	0,73	0,62	0,54	
0,75	7,36	0,074	8,77	5,72	4,04	3,00	2,32	1,85	1,51	1,25	1,06	0,90	0,78	
1,00	9,81	0,099	13,77	8,98	6,34	4,71	3,65	2,90	2,37	1,97	1,66	1,41	1,22	
1,25	12,27	0,123	19,00	12,41	8,78	6,53	5,06	4,02	3,29	2,73	2,31	1,97	1,70	



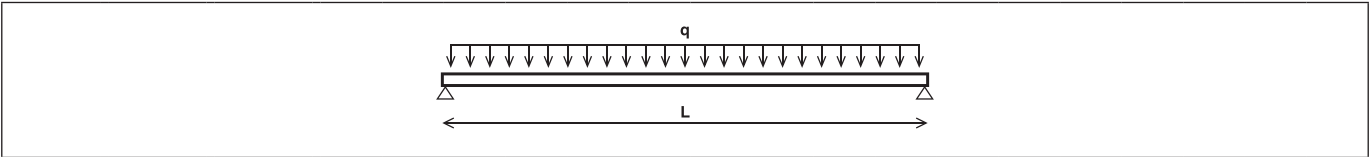
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,50	4,91	0,049	5,73	3,71	2,61	1,93	1,48	1,17	0,95	0,79	0,66	0,57	0,49	
0,60	5,89	0,059	7,65	4,96	3,49	2,59	2,00	1,58	1,28	1,06	0,89	0,76	0,66	
0,75	7,36	0,074	10,91	7,09	4,99	3,70	2,86	2,26	1,84	1,52	1,28	1,09	0,94	
1,00	9,81	0,099	17,07	11,12	7,85	5,83	4,51	3,58	2,92	2,42	2,04	1,73	1,50	
1,25	12,27	0,123	24,05	15,70	11,11	8,26	6,40	5,08	4,15	3,44	2,91	2,48	2,02	

Trapezoidal sheet EL T100/825

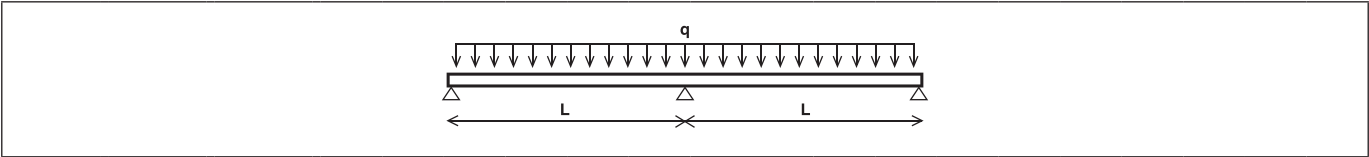
Steel S220GD



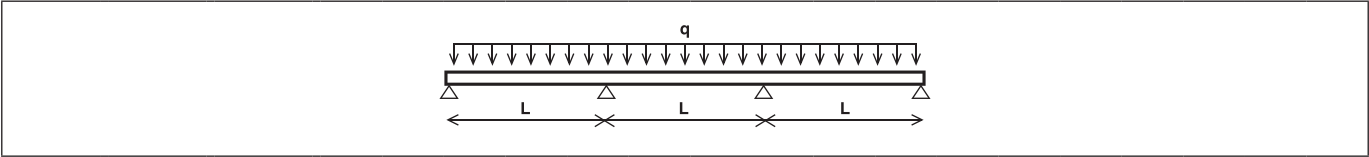
Opening: 1250 mm Thickness: 0,75 mm - 1,50 mm Cover: 825 ± 10 mm Depth: 100 ± 1,5 mm Pitch: 275 ± 3 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	11,00	8,80	7,33	6,29	5,50	4,89	4,40	4,00	3,60	2,83	2,27	1,84	1,52	1,27	1,07	0,91	0,78
1,00	9,81	0,122	19,66	15,73	13,11	11,23	9,83	8,74	7,86	7,12	5,48	4,31	3,45	2,81	2,31	1,93	1,62	1,38	1,18
1,25	12,27	0,153	30,60	24,48	20,40	17,49	15,30	13,60	12,24	9,43	7,27	5,72	4,58	3,72	3,07	2,56	2,15	1,83	1,57
1,50	14,72	0,183	43,74	34,99	29,16	24,99	21,87	18,69	15,14	11,89	9,16	7,20	5,77	4,69	3,86	3,22	2,71	2,31	1,98



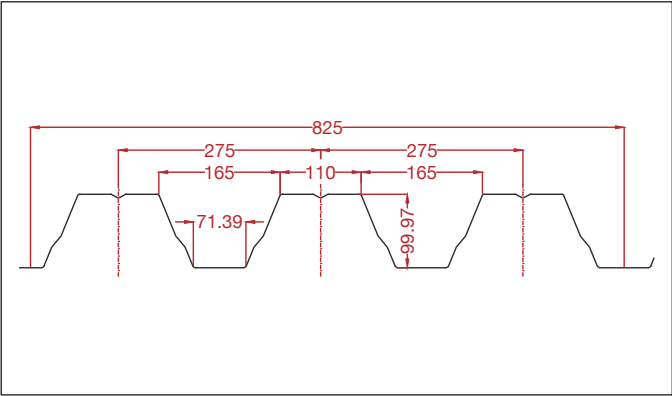
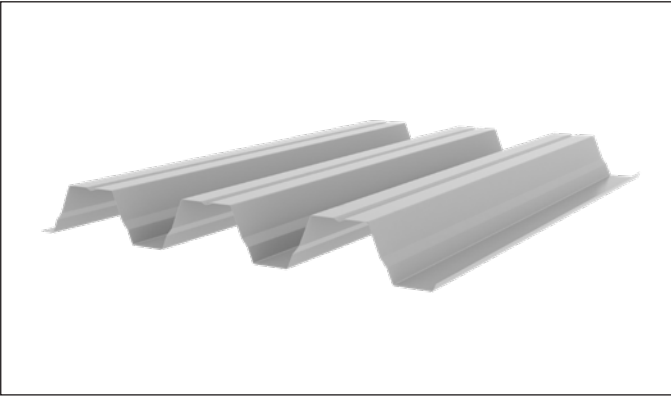
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	11,09	7,17	5,02	3,71	2,86	2,27	1,84	1,53	1,29	1,10	0,95	0,83	0,73	0,64	0,57	0,52	0,47
1,00	9,81	0,122	18,45	11,93	8,37	6,19	4,76	3,78	3,08	2,55	2,15	1,83	1,58	1,38	1,21	1,08	0,96	0,86	0,78
1,25	12,27	0,153	26,72	17,31	12,16	9,00	6,94	5,51	4,50	3,73	3,14	2,68	2,31	2,02	1,78	1,57	1,41	1,26	1,14
1,50	14,72	0,183	35,91	23,31	16,40	12,15	9,38	7,45	6,08	5,05	4,26	3,63	3,14	2,74	2,41	2,14	1,91	1,71	1,55



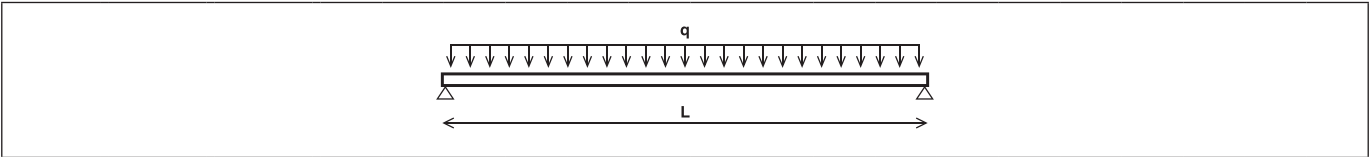
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	13,75	9,17	6,43	4,75	3,66	2,90	2,36	1,95	1,65	1,40	1,21	1,06	0,93	0,82	0,74	0,66	0,60
1,00	9,81	0,122	23,58	15,25	10,70	7,91	6,09	4,83	3,94	3,26	2,75	2,35	2,02	1,77	1,55	1,38	1,23	1,10	1,00
1,25	12,27	0,153	34,11	22,10	15,53	11,50	8,87	7,04	5,74	4,76	4,02	3,43	2,96	2,58	2,27	2,01	1,80	1,61	1,46
1,50	14,72	0,183	45,80	29,74	20,93	15,51	11,97	9,51	7,77	6,44	5,43	4,64	4,01	3,50	3,08	2,73	2,44	2,19	1,98

Trapezoidal sheet EL T100/825

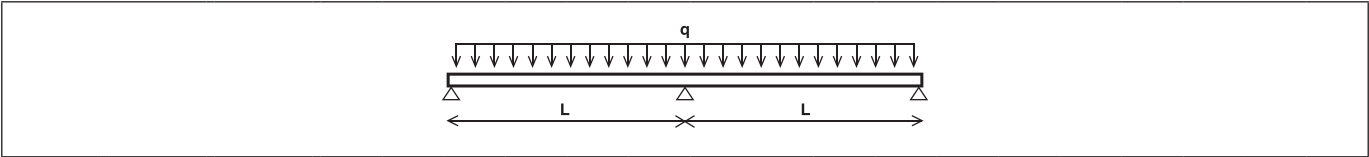
Steel S280GD



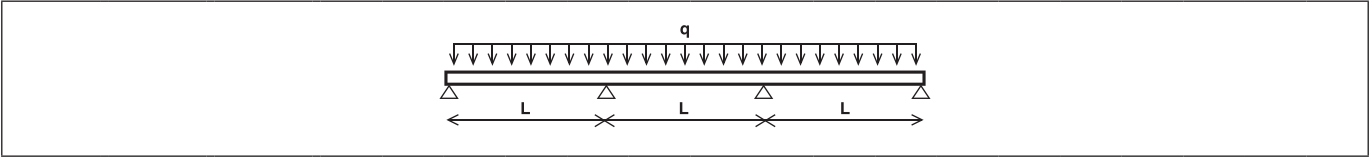
Opening: 1250 mm Thickness: 0,75 mm - 1,50 mm Cover: 825 ± 10 mm Depth: 100 ± 1,5 mm Pitch: 275 ± 3 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)														
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50
0,75	7,36	0,091	12,40	9,92	8,27	7,09	6,20	5,51	4,96	4,40	3,39	2,66	2,13	1,73	1,43	1,19	1,00
1,00	9,81	0,122	22,18	17,74	14,79	12,67	11,09	9,86	8,87	6,82	5,25	4,13	3,31	2,69	2,22	1,85	1,56
1,25	12,27	0,153	34,52	27,62	23,01	19,73	17,26	15,34	12,19	9,15	7,05	5,55	4,44	3,61	2,97	2,48	2,09
1,50	14,72	0,183	49,36	39,49	32,91	28,21	24,68	21,04	15,34	11,52	8,88	6,98	5,59	4,54	3,74	3,12	2,63



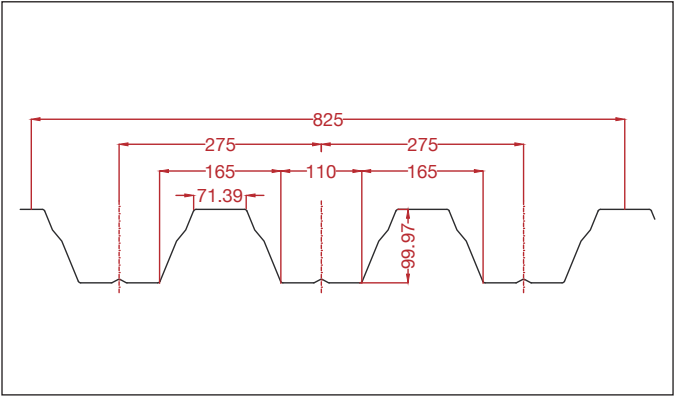
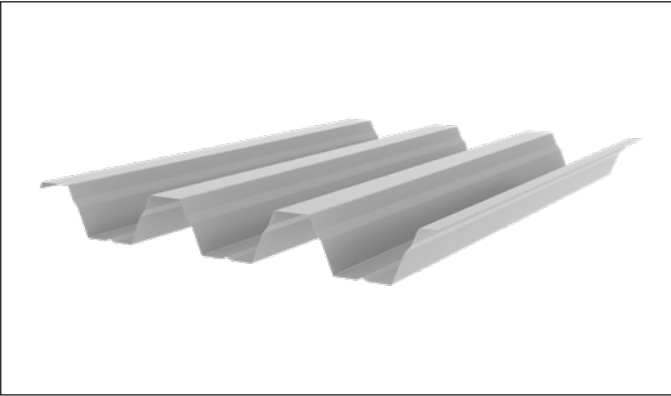
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)														
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50
0,75	7,36	0,091	12,80	8,27	5,80	4,28	3,30	2,61	2,12	1,76	1,48	1,26	1,09	0,95	0,84	0,74	0,66
1,00	9,81	0,122	21,42	13,84	9,69	7,16	5,51	4,37	3,56	2,95	2,48	2,12	1,83	1,59	1,40	1,24	1,11
1,25	12,27	0,153	31,09	20,12	14,12	10,45	8,05	6,39	5,21	4,32	3,64	3,10	2,68	2,33	2,05	1,82	1,62
1,50	14,72	0,183	41,92	27,18	19,10	14,14	10,90	8,66	7,06	5,86	4,94	4,21	3,64	3,17	2,79	2,48	2,21



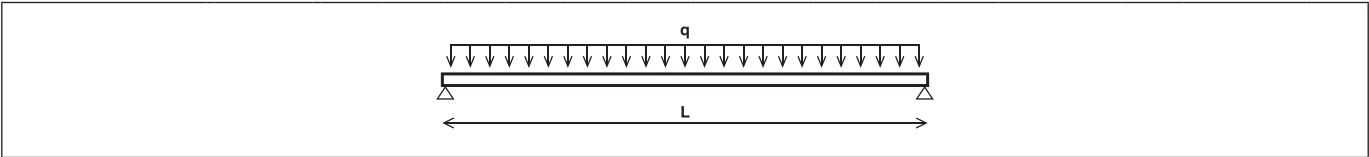
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)														
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50
0,75	7,36	0,091	15,50	10,59	7,42	5,48	4,22	3,35	2,72	2,25	1,90	1,62	1,40	1,22	1,07	0,95	0,85
1,00	9,81	0,122	27,39	17,70	12,40	9,16	7,06	5,59	4,55	3,77	3,18	2,71	2,34	2,04	1,79	1,59	1,42
1,25	12,27	0,153	39,72	25,71	18,05	13,35	10,29	8,17	6,66	5,52	4,65	3,97	3,42	2,99	2,63	2,33	2,08
1,50	14,72	0,183	53,51	34,70	24,39	18,06	13,93	11,06	9,03	7,49	6,31	5,39	4,65	4,06	3,57	3,16	2,82

Trapezoidal sheet EL T100/825

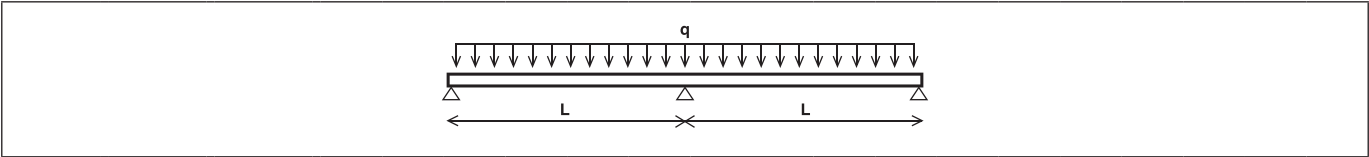
Steel S220GD



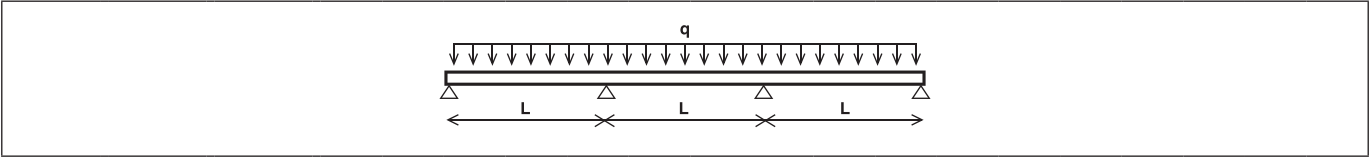
Opening: 1250 mm Thickness: 0,75 mm - 1,50 mm Cover: 825 ± 10 mm Depth: 100 ± 1,5 mm Pitch: 275 ± 3 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	11,00	8,80	7,33	6,29	5,50	4,89	4,40	4,00	3,54	2,98	2,39	1,94	1,60	1,33	1,12	0,95	0,82
1,00	9,81	0,122	19,66	15,73	13,11	11,23	9,83	8,74	7,86	7,15	5,93	4,66	3,73	3,04	2,50	2,09	1,76	1,49	1,28
1,25	12,27	0,153	30,60	24,48	20,40	17,49	15,30	13,60	11,89	9,83	7,87	6,19	4,96	4,03	3,32	2,77	2,33	1,98	1,70
1,50	14,72	0,183	43,74	34,99	29,16	24,99	21,87	18,66	15,12	12,49	9,84	7,74	6,20	5,04	4,15	3,46	2,91	2,48	2,13



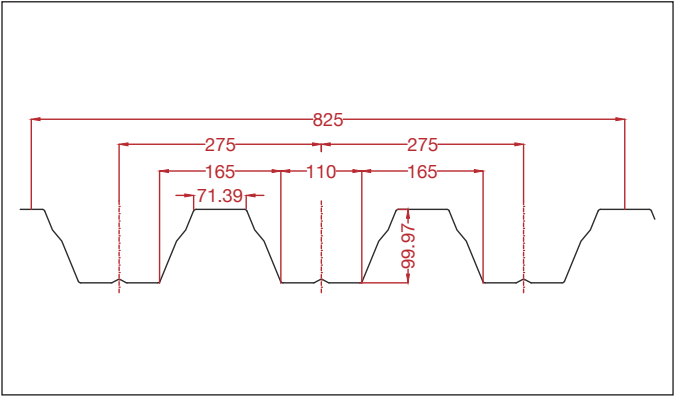
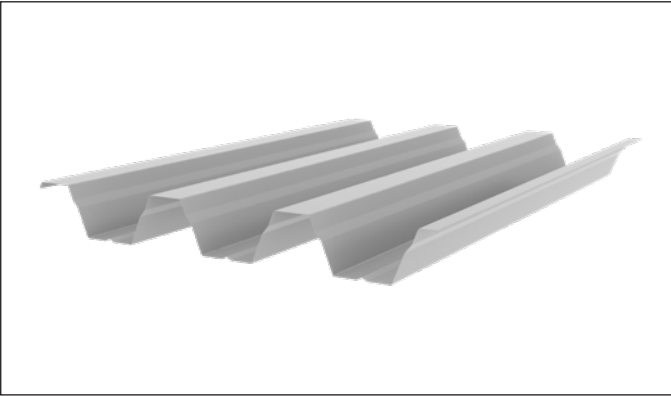
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	11,10	7,17	5,02	3,71	2,86	2,27	1,84	1,53	1,29	1,10	0,95	0,83	0,73	0,65	0,58	0,52	0,47
1,00	9,81	0,122	18,44	11,94	8,38	6,20	4,78	3,79	3,09	2,56	2,16	1,84	1,59	1,39	1,23	1,09	0,97	0,87	0,79
1,25	12,27	0,153	26,78	17,38	12,23	9,05	6,99	5,55	4,53	3,76	3,17	2,71	2,34	2,05	1,80	1,60	1,43	1,28	1,16
1,50	14,72	0,183	36,14	23,39	16,42	12,23	9,49	7,54	6,16	5,11	4,31	3,69	3,19	2,79	2,46	2,18	1,95	1,75	1,58



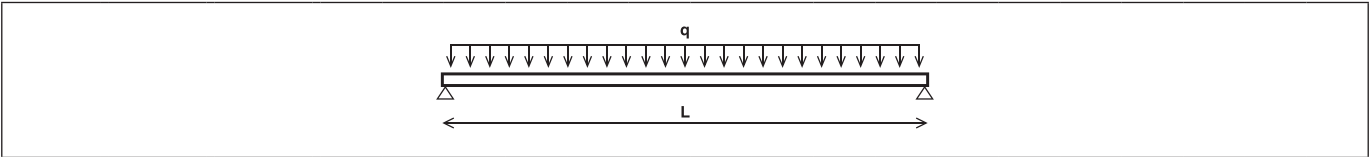
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	13,75	9,18	6,43	4,75	3,66	2,90	2,36	1,96	1,65	1,41	1,22	1,06	0,93	0,83	0,74	0,66	0,60
1,00	9,81	0,122	23,57	15,26	10,72	7,93	6,11	4,85	3,95	3,28	2,76	2,36	2,04	1,78	1,57	1,39	1,24	1,11	1,01
1,25	12,27	0,153	34,19	22,19	15,62	11,57	8,93	7,09	5,79	4,80	4,05	3,46	2,99	2,62	2,31	2,04	1,83	1,64	1,48
1,50	14,72	0,183	46,10	29,85	20,96	15,62	12,12	9,63	7,87	6,53	5,51	4,71	4,08	3,56	3,14	2,79	2,49	2,24	2,03

Trapezoidal sheet EL T100/825

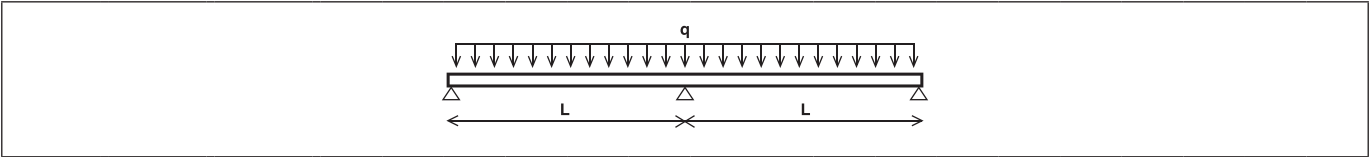
Steel S280GD



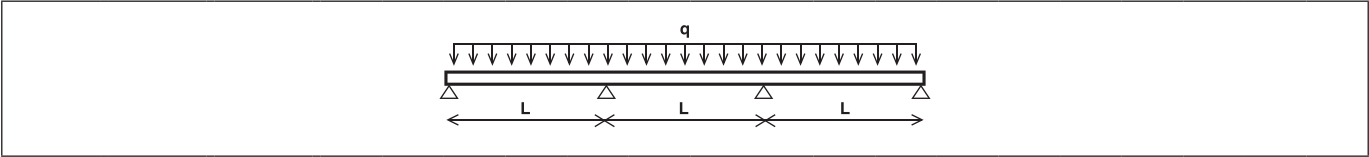
Opening: 1250 mm Thickness: 0,75 mm - 1,50 mm Cover: 825 ± 10 mm Depth: 100 ± 1,5 mm Pitch: 275 ± 3 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	12,40	9,92	8,27	7,09	6,20	5,51	4,96	4,51	3,53	2,78	2,22	1,81	1,49	1,24	1,05	0,89	0,76
1,00	9,81	0,122	22,18	17,74	14,79	12,67	11,09	9,86	8,87	7,20	5,55	4,36	3,49	2,84	2,34	1,95	1,64	1,40	1,20
1,25	12,27	0,153	34,52	27,62	23,01	19,73	17,26	15,34	13,27	9,97	7,68	6,04	4,84	3,93	3,24	2,70	2,28	1,93	1,66
1,50	14,72	0,183	49,36	39,49	32,91	28,21	24,68	21,94	16,58	12,46	9,60	7,55	6,04	4,91	4,05	3,37	2,84	2,42	2,07



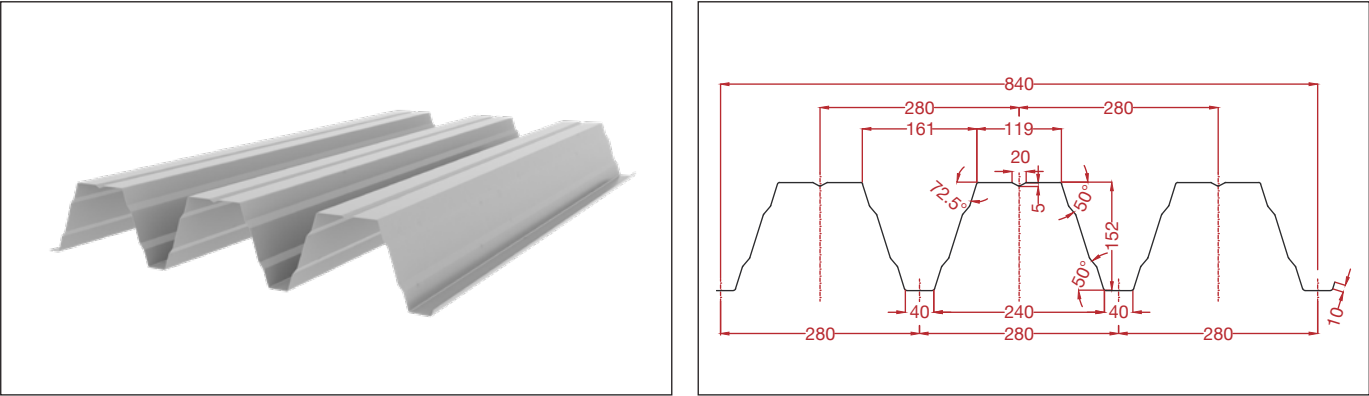
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	12,78	8,25	5,78	4,27	3,28	2,60	2,12	1,76	1,48	1,26	1,09	0,95	0,84	0,74	0,66	0,59	0,54
1,00	9,81	0,122	21,39	13,83	9,70	7,17	5,52	4,38	3,57	2,96	2,49	2,13	1,84	1,60	1,41	1,25	1,12	1,00	0,90
1,25	12,27	0,153	31,13	20,17	14,17	10,48	8,08	6,42	5,23	4,34	3,66	3,13	2,70	2,36	2,08	1,84	1,65	1,48	1,33
1,50	14,72	0,183	42,06	27,31	19,22	14,24	10,99	8,73	7,13	5,91	4,99	4,26	3,69	3,22	2,84	2,52	2,25	2,02	1,82



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	7,36	0,091	15,50	10,56	7,40	5,46	4,21	3,34	2,72	2,25	1,90	1,62	1,40	1,22	1,07	0,95	0,85	0,76	0,69
1,00	9,81	0,122	27,35	17,69	12,41	9,17	7,06	5,60	4,56	3,78	3,19	2,72	2,35	2,05	1,81	1,60	1,43	1,28	1,16
1,25	12,27	0,153	39,76	25,77	18,11	13,40	10,33	8,20	6,69	5,55	4,68	4,00	3,46	3,02	2,66	2,36	2,10	1,89	1,71
1,50	14,72	0,183	53,69	34,87	24,55	18,19	14,04	11,16	9,11	7,56	6,37	5,45	4,71	4,12	3,63	3,22	2,87	2,58	2,33

Trapezoidal sheet EL T150/840

Steel S220GD



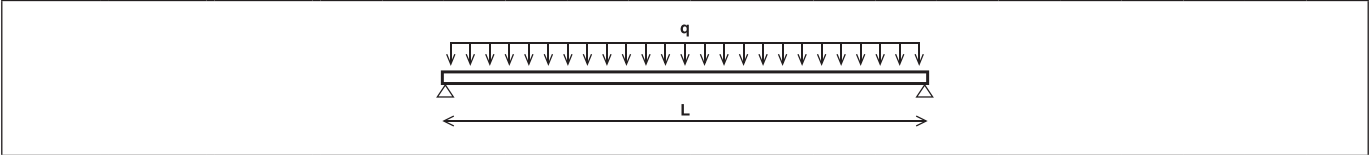
Opening: 1500 mm

Thickness: 0,75 mm - 1,50 mm

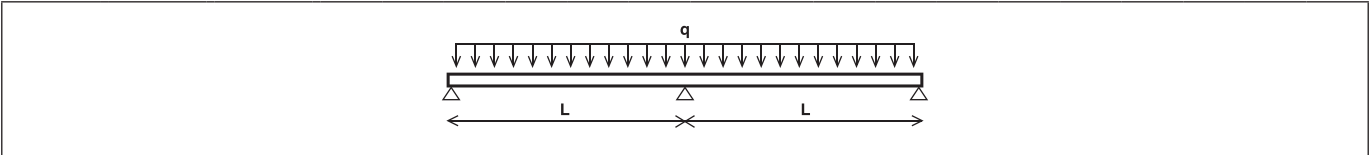
Cover: 840 ± 15 mm

Depth: 152 ± 2 mm

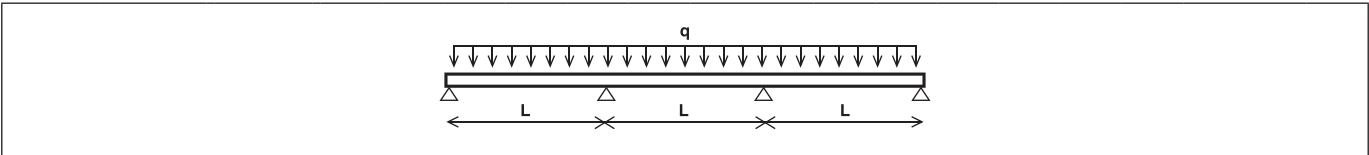
Pitch: 280 ± 4 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	11,72	9,38	7,81	6,70	5,86	5,21	4,69	4,26	3,91	3,61	3,35	3,13	2,87	2,54	2,26	2,03	1,83
1,00	11,78	0,141	20,52	16,42	13,68	11,73	10,26	9,12	8,21	7,46	6,84	6,31	5,86	5,36	4,71	4,17	3,72	3,34	2,93
1,25	14,72	0,167	31,70	25,36	21,13	18,11	15,85	14,09	12,68	11,53	10,57	9,75	8,63	7,52	6,61	5,86	5,22	4,60	3,94
1,50	17,66	0,211	45,10	36,08	30,07	25,77	22,55	20,04	18,04	16,40	15,03	13,30	11,47	9,99	8,78	7,78	6,91	5,87	5,04



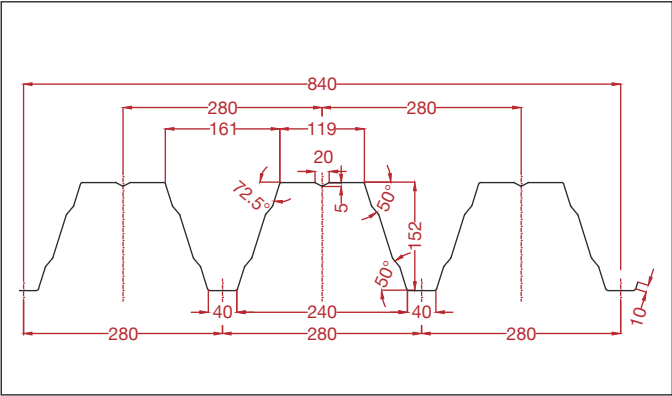
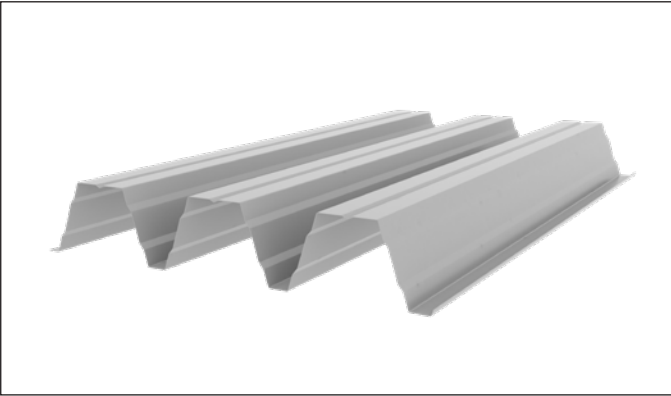
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	13,14	8,47	5,92	4,37	3,36	2,66	2,16	1,79	1,50	1,28	1,11	0,96	0,85	0,75	0,67	0,60	0,54
1,00	11,78	0,141	21,78	14,04	9,82	7,25	5,57	4,41	3,58	2,96	2,49	2,13	1,84	1,60	1,41	1,25	1,11	1,00	0,90
1,25	14,72	0,167	32,09	20,69	14,47	10,68	8,21	6,49	5,27	4,36	3,66	3,12	2,69	2,35	2,06	1,83	1,63	1,47	1,32
1,50	17,66	0,211	43,12	27,79	19,43	14,34	11,03	8,72	7,08	5,85	4,92	4,20	3,62	3,16	2,78	2,46	2,20	1,97	1,78



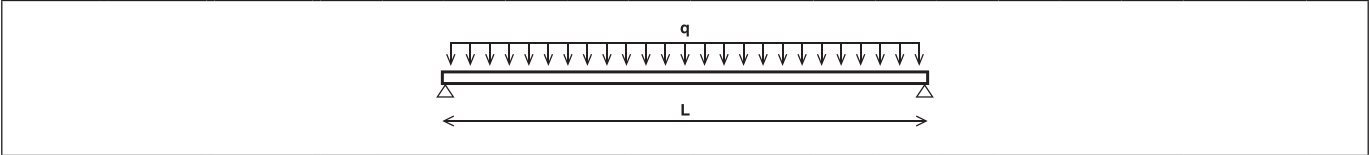
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	14,65	10,87	7,60	5,61	4,31	3,41	2,77	2,29	1,93	1,64	1,42	1,24	1,09	0,97	0,86	0,77	0,70
1,00	11,78	0,141	25,65	18,00	12,59	9,29	7,15	5,66	4,59	3,80	3,20	2,73	2,35	2,05	1,81	1,60	1,43	1,28	1,16
1,25	14,72	0,167	39,63	26,51	18,54	13,68	10,52	8,32	6,75	5,58	4,69	4,00	3,45	3,01	2,65	2,35	2,09	1,88	1,70
1,50	17,66	0,211	55,18	35,57	24,88	18,36	14,12	11,17	9,06	7,50	6,30	5,37	4,64	4,04	3,56	3,15	2,81	2,53	2,28

Trapezoidal sheet EL T150/840

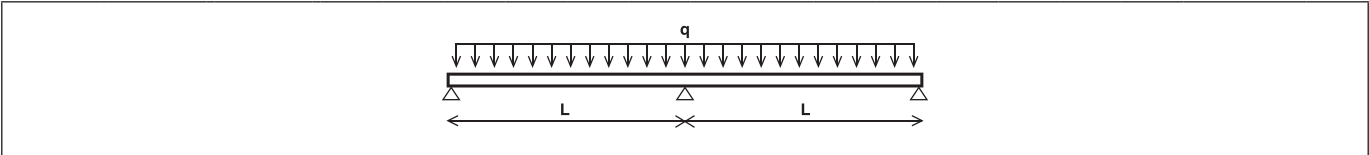
Steel S280GD



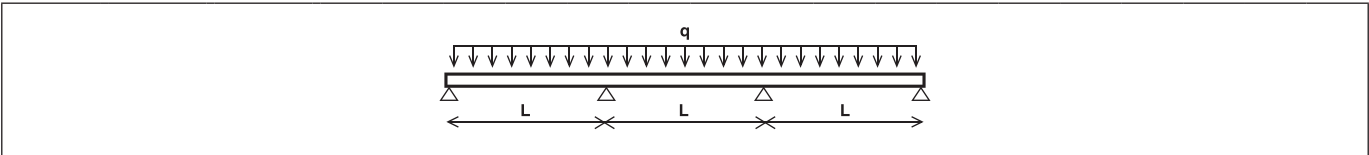
Opening: 1500 mm Thickness: 0,75 mm - 1,50 mm Cover: 840 ± 15 mm Depth: 152 ± 2 mm Pitch: 280 ± 4 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	13,21	10,57	8,81	7,55	6,60	5,87	5,28	4,80	4,40	4,06	3,77	3,52	3,30	2,88	2,43	2,06	1,77
1,00	11,78	0,141	23,14	18,51	15,43	13,22	11,57	10,28	9,26	8,41	7,71	7,12	6,61	6,17	5,39	4,50	3,79	3,22	2,76
1,25	14,72	0,167	35,76	28,61	23,84	20,43	17,88	15,89	14,30	13,00	11,92	11,00	10,22	8,98	7,40	6,17	5,20	4,42	3,79
1,50	17,66	0,211	50,90	40,72	33,93	29,09	25,45	22,62	20,36	18,51	16,97	15,66	13,64	11,45	9,43	7,86	6,63	5,63	4,83



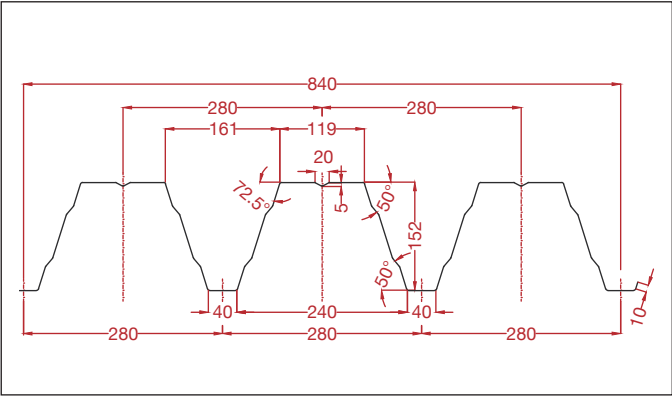
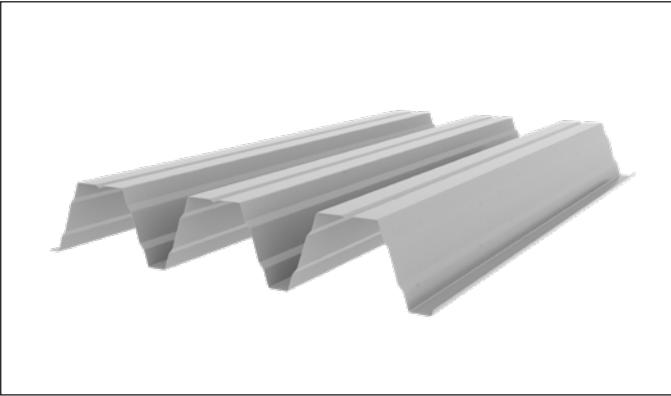
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	15,04	9,69	6,78	5,00	3,84	3,04	2,47	2,04	1,72	1,47	1,26	1,10	0,97	0,86	0,77	0,69	0,62
1,00	11,78	0,141	24,92	16,07	11,24	8,29	6,37	5,04	4,10	3,39	2,85	2,43	2,10	1,83	1,61	1,43	1,27	1,14	1,03
1,25	14,72	0,167	36,82	23,74	16,60	12,25	9,42	7,46	6,05	5,01	4,21	3,59	3,10	2,70	2,38	2,13	1,92	1,74	1,58
1,50	17,66	0,211	50,20	32,34	22,60	16,67	12,81	10,13	8,22	6,80	5,72	4,87	4,21	3,67	3,22	2,86	2,55	2,29	2,07



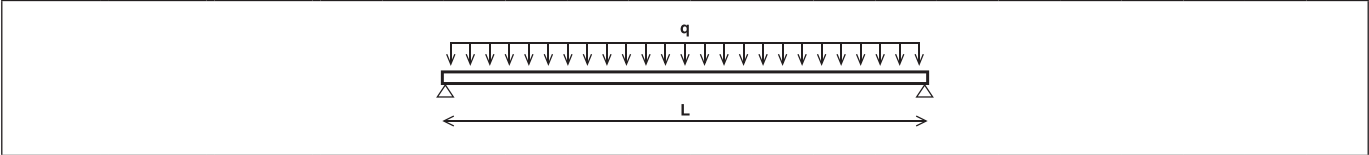
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	16,51	12,44	8,70	6,42	4,93	3,90	3,17	2,62	2,21	1,88	1,62	1,42	1,25	1,10	0,99	0,89	0,80
1,00	11,78	0,141	28,93	20,61	14,41	10,64	8,18	6,47	5,25	4,35	3,66	3,12	2,69	2,35	2,07	1,83	1,63	1,47	1,33
1,25	14,72	0,167	44,70	30,43	21,28	15,71	12,08	9,56	7,76	6,42	5,40	4,61	3,98	3,47	3,05	2,73	2,46	2,23	2,03
1,50	17,66	0,211	63,63	41,42	28,95	21,36	16,42	12,99	10,53	8,71	7,33	6,25	5,39	4,70	4,13	3,66	3,27	2,93	2,65

Trapezoidal sheet EL T150/840

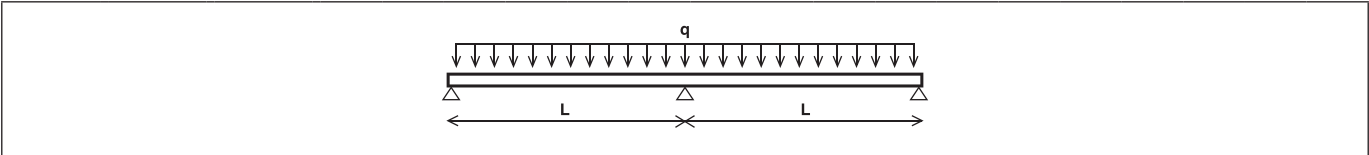
Steel S320GD



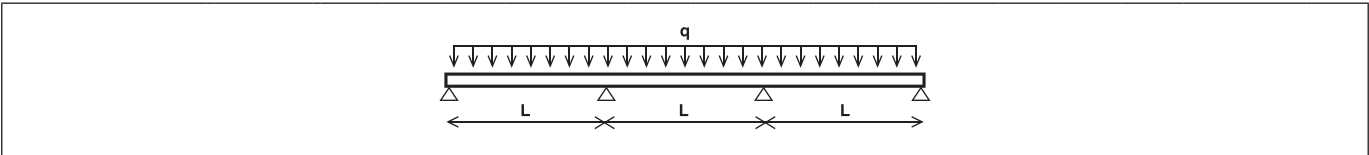
Opening: 1500 mm Thickness: 0,75 mm - 1,50 mm Cover: 840 ± 15 mm Depth: 152 ± 2 mm Pitch: 280 ± 4 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	13,86	11,09	9,24	7,92	6,93	6,16	5,54	5,04	4,62	4,26	3,96	3,70	3,10	2,59	2,18	1,85	1,59
1,00	11,78	0,141	24,52	19,62	16,35	14,01	12,26	10,90	9,81	8,92	8,17	7,54	7,01	5,86	4,83	4,03	3,39	2,88	2,47
1,25	14,72	0,167	37,78	30,22	25,19	21,59	18,89	16,79	15,11	13,74	12,59	11,62	10,11	8,22	6,77	5,65	4,76	4,05	3,47
1,50	17,66	0,211	53,92	43,14	35,95	30,81	26,96	23,96	21,57	19,61	17,97	16,25	13,01	10,58	8,71	7,27	6,12	5,20	4,46



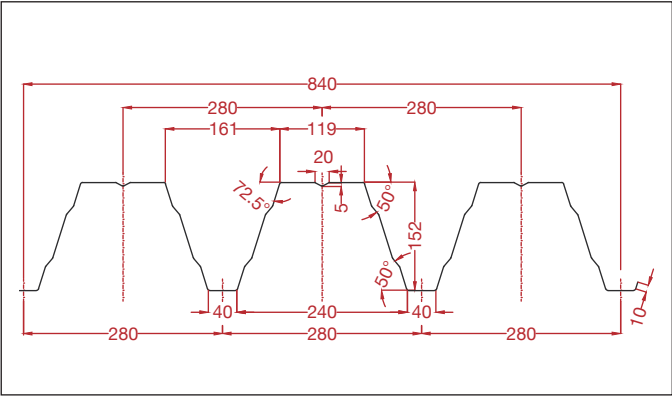
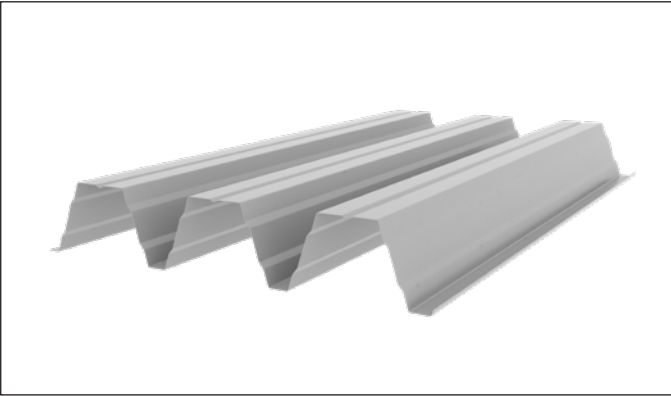
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	15,69	10,07	7,02	5,16	3,96	3,13	2,54	2,10	1,77	1,51	1,30	1,13	1,00	0,89	0,79	0,71	0,64
1,00	11,78	0,141	26,46	16,99	11,84	8,71	6,67	5,27	4,28	3,54	2,98	2,54	2,19	1,91	1,68	1,49	1,33	1,20	1,08
1,25	14,72	0,167	39,51	25,37	17,67	13,00	9,96	7,87	6,39	5,29	4,45	3,79	3,27	2,86	2,52	2,23	1,99	1,79	1,62
1,50	17,66	0,211	53,87	34,60	24,11	17,74	13,59	10,74	8,72	7,22	6,08	5,18	4,47	3,90	3,44	3,05	2,72	2,44	2,21



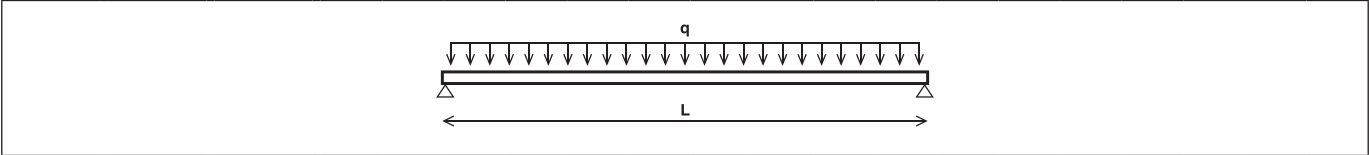
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	17,33	12,92	9,00	6,62	5,07	4,01	3,25	2,69	2,27	1,93	1,67	1,45	1,28	1,14	1,01	0,91	0,82
1,00	11,78	0,141	30,65	21,79	15,18	11,16	8,56	6,76	5,49	4,54	3,82	3,26	2,81	2,45	2,16	1,92	1,71	1,54	1,39
1,25	14,72	0,167	47,23	32,52	22,66	16,67	12,77	10,09	8,19	6,78	5,71	4,86	4,20	3,66	3,23	2,86	2,56	2,30	2,07
1,50	17,66	0,211	67,40	44,33	30,90	22,73	17,42	13,77	11,18	9,25	7,79	6,64	5,73	5,00	4,41	3,91	3,49	3,13	2,83

Trapezoidal sheet EL T150/840

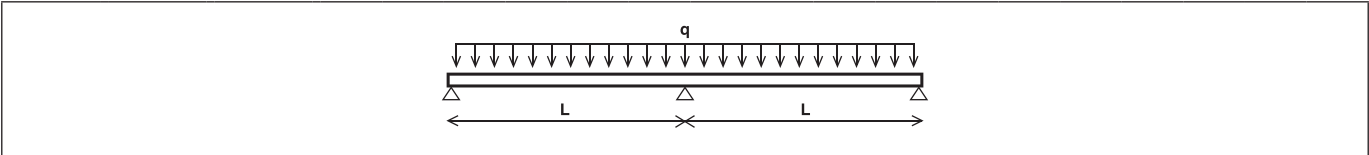
Steel S350GD



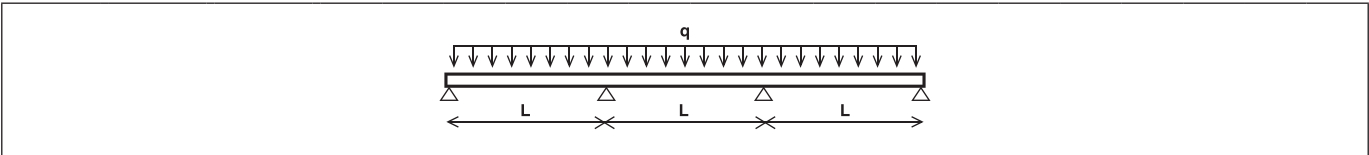
Opening: 1500 mm Thickness: 0,75 mm - 1,50 mm Cover: 840 ± 15 mm Depth: 152 ± 2 mm Pitch: 280 ± 4 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	14,50	11,60	9,67	8,29	7,25	6,44	5,80	5,27	4,83	4,46	4,14	3,67	3,02	2,52	2,12	1,81	1,55
1,00	11,78	0,141	25,62	20,50	17,08	14,64	12,81	11,39	10,25	9,32	8,54	7,88	7,05	5,73	4,72	3,94	3,32	2,82	2,42
1,25	14,72	0,167	39,50	31,60	26,33	22,57	19,75	17,56	15,80	14,36	13,17	12,15	9,89	8,04	6,62	5,52	4,65	3,96	3,39
1,50	17,66	0,211	56,40	45,12	37,60	32,23	28,20	25,07	22,56	20,51	18,80	16,08	12,88	10,47	8,63	7,19	6,06	5,15	4,42



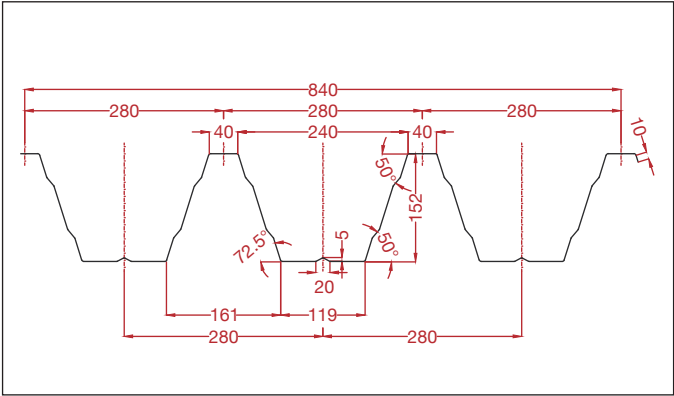
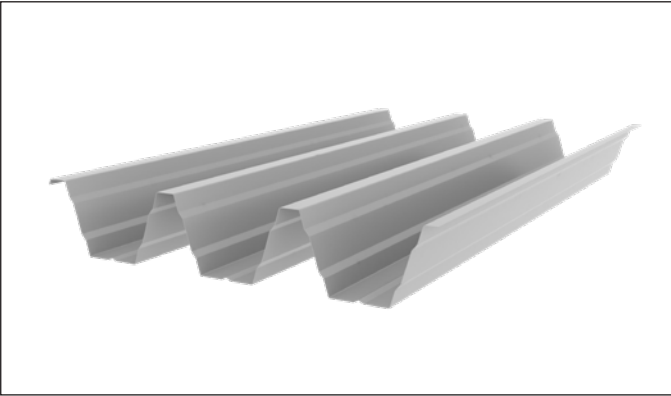
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	16,47	10,57	7,36	5,41	4,15	3,28	2,66	2,20	1,85	1,58	1,36	1,19	1,05	0,93	0,83	0,74	0,67
1,00	11,78	0,141	27,77	17,83	12,42	9,13	7,00	5,53	4,49	3,71	3,13	2,66	2,30	2,01	1,77	1,57	1,40	1,26	1,14
1,25	14,72	0,167	41,44	26,61	18,54	13,63	10,45	8,26	6,70	5,54	4,67	3,98	3,43	3,00	2,64	2,34	2,09	1,88	1,70
1,50	17,66	0,211	56,82	36,49	25,43	18,70	14,34	11,33	9,20	7,61	6,41	5,46	4,71	4,11	3,62	3,21	2,87	2,58	2,33



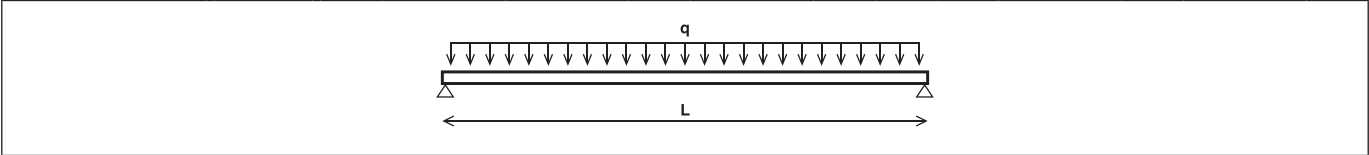
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	18,13	13,56	9,45	6,95	5,32	4,21	3,41	2,82	2,38	2,03	1,75	1,53	1,34	1,19	1,06	0,96	0,86
1,00	11,78	0,141	32,03	22,86	15,93	11,71	8,98	7,10	5,76	4,76	4,01	3,42	2,95	2,57	2,27	2,01	1,80	1,61	1,46
1,25	14,72	0,167	49,38	34,11	23,77	17,48	13,40	10,59	8,59	7,11	5,99	5,10	4,40	3,84	3,38	3,00	2,68	2,41	2,17
1,50	17,66	0,211	70,50	46,76	32,59	23,97	18,37	14,52	11,79	9,75	8,21	7,00	6,04	5,27	4,64	4,12	3,68	3,30	2,99

Trapezoidal sheet EL T150/840

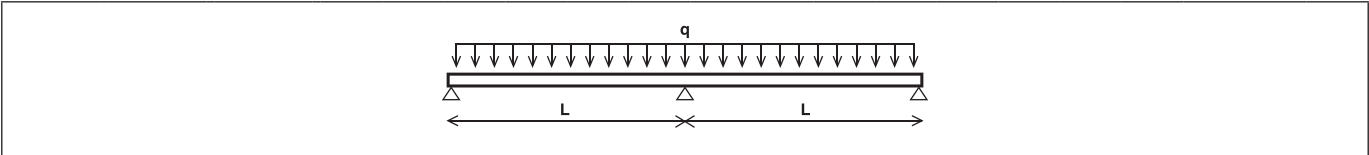
Steel S220GD



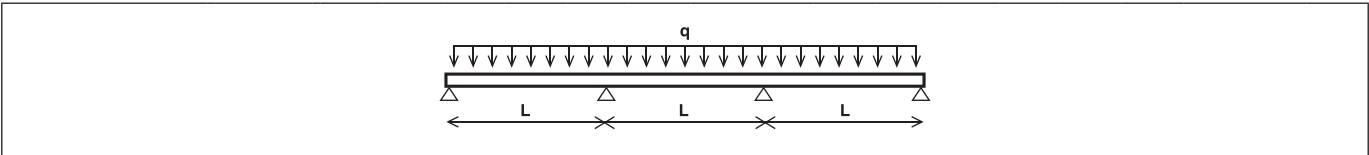
Opening: 1500 mm Thickness: 0,75 mm - 1,50 mm Cover: 840 ± 15 mm Depth: 152 ± 2 mm Pitch: 280 ± 4 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)													
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25
0,75	8,83	0,105	11,72	9,38	7,81	6,70	5,86	5,21	4,69	4,26	3,91	3,61	3,35	3,13	2,93	2,76
1,00	11,78	0,141	20,52	16,42	13,68	11,73	10,26	9,12	8,21	7,46	6,84	6,31	5,86	5,47	5,13	4,44
1,25	14,72	0,167	31,70	25,36	21,13	18,11	15,85	14,09	12,68	11,53	10,57	9,75	9,06	7,95	6,99	6,06
1,50	17,66	0,211	45,10	36,08	30,07	25,77	22,55	20,04	18,04	16,40	15,03	12,97	11,19	9,75	8,57	7,58



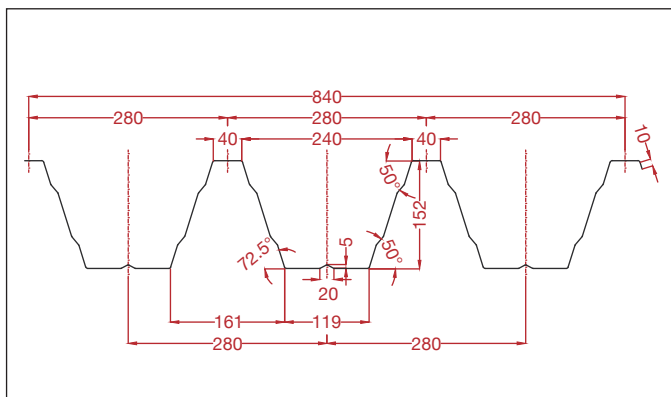
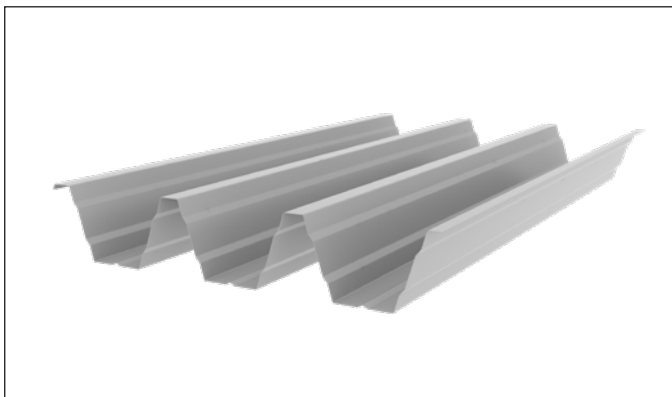
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)													
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25
0,75	8,83	0,105	12,91	8,31	5,81	4,28	3,29	2,61	2,12	1,75	1,47	1,26	1,08	0,95	0,83	0,74
1,00	11,78	0,141	21,67	13,96	9,76	7,20	5,54	4,38	3,56	2,95	2,48	2,11	1,83	1,59	1,40	1,24
1,25	14,72	0,167	32,42	20,91	14,63	10,80	8,31	6,58	5,35	4,42	3,72	3,18	2,74	2,39	2,11	1,87
1,50	17,66	0,211	43,98	28,41	19,90	14,71	11,32	8,97	7,30	6,04	5,09	4,34	3,75	3,28	2,88	2,56



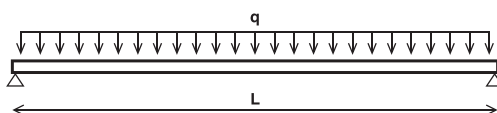
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)													
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25
0,75	8,83	0,105	14,65	10,66	7,45	5,49	4,22	3,34	2,71	2,24	1,89	1,61	1,39	1,21	1,07	0,94
1,00	11,78	0,141	25,65	17,90	12,51	9,23	7,10	5,62	4,56	3,78	3,18	2,71	2,34	2,04	1,80	1,59
1,25	14,72	0,167	39,63	26,80	18,75	13,84	10,65	8,43	6,85	5,67	4,77	4,07	3,52	3,07	2,70	2,39
1,50	17,66	0,211	56,31	36,39	25,50	18,84	14,50	11,49	9,35	7,75	6,52	5,57	4,81	4,20	3,70	3,28

Trapezoidal sheet EL T150/840

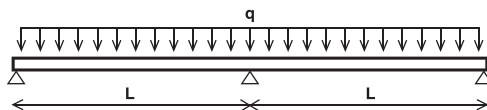
Steel S280GD



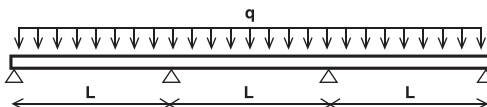
Opening: 1500 mm **Thickness:** 0,75 mm - 1,50 mm **Cover:** 840 ± 15 mm **Depth:** 152 ± 2 mm **Pitch:** 280 ± 4 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	13,21	10,57	8,81	7,55	6,60	5,87	5,28	4,80	4,40	4,06	3,77	3,52	3,22	2,68	2,26	1,92	1,65
1,00	11,78	0,141	23,14	18,51	15,43	13,22	11,57	10,28	9,26	8,41	7,71	7,12	6,61	6,07	5,00	4,17	3,51	2,99	2,56
1,25	14,72	0,167	35,76	28,61	23,84	20,43	17,88	15,89	14,30	13,00	11,92	11,00	10,22	8,51	7,01	5,84	4,92	4,19	3,59
1,50	17,66	0,211	50,90	40,72	33,93	29,09	25,45	22,62	20,36	18,51	16,97	15,66	13,18	10,72	8,83	7,36	6,20	5,27	4,52



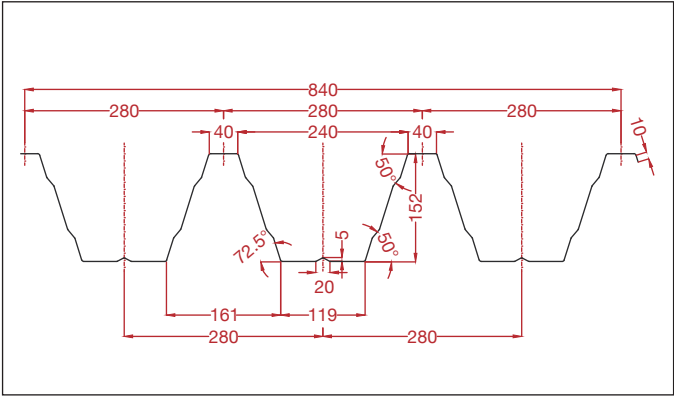
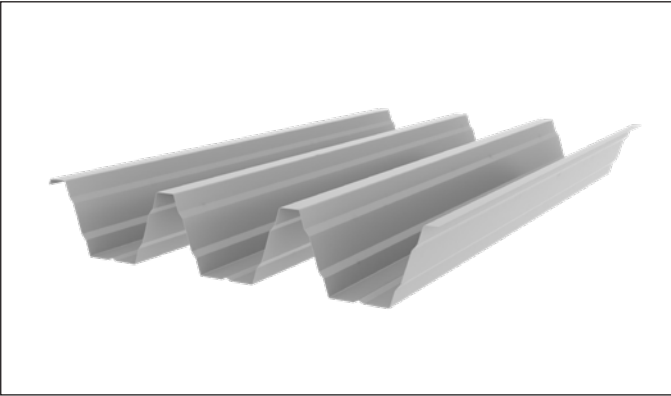
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	14,71	9,47	6,62	4,88	3,75	2,97	2,41	1,99	1,68	1,43	1,23	1,07	0,95	0,84	0,75	0,67	0,60
1,00	11,78	0,141	24,66	15,89	11,10	8,19	6,30	4,98	4,05	3,35	2,82	2,40	2,07	1,81	1,59	1,41	1,26	1,13	1,02
1,25	14,72	0,167	36,93	23,80	16,63	12,27	9,44	7,47	6,07	5,02	4,23	3,60	3,11	2,71	2,39	2,12	1,89	1,70	1,53
1,50	17,66	0,211	50,78	32,76	22,93	16,93	13,02	10,32	8,39	6,95	5,85	4,99	4,31	3,76	3,31	2,94	2,62	2,36	2,13



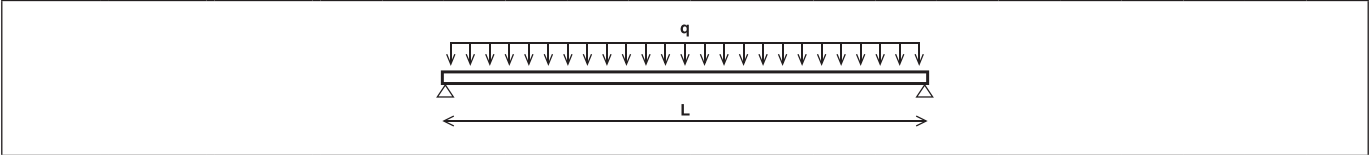
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	16,51	12,15	8,48	6,26	4,81	3,81	3,09	2,56	2,15	1,83	1,58	1,38	1,21	1,07	0,96	0,86	0,78
1,00	11,78	0,141	28,93	20,36	14,23	10,50	8,07	6,39	5,19	4,29	3,61	3,08	2,66	2,32	2,04	1,81	1,61	1,45	1,31
1,25	14,72	0,167	44,70	30,50	21,32	15,73	12,10	9,58	7,78	6,44	5,42	4,62	3,99	3,48	3,06	2,72	2,42	2,18	1,97
1,50	17,66	0,211	63,63	41,98	29,39	21,70	16,69	13,22	10,75	8,91	7,50	6,40	5,53	4,82	4,25	3,77	3,36	3,02	2,73

Trapezoidal sheet EL T150/840

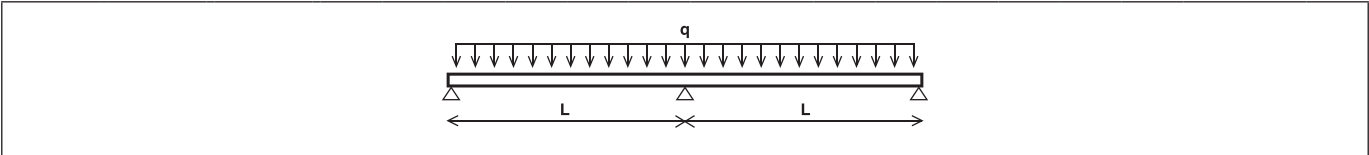
Steel S320GD



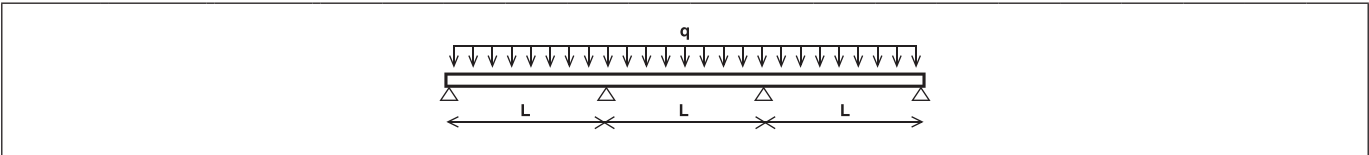
Opening: 1500 mm Thickness: 0,75 mm - 1,50 mm Cover: 840 ± 15 mm Depth: 152 ± 2 mm Pitch: 280 ± 4 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	13,86	11,09	9,24	7,92	6,93	6,16	5,54	5,04	4,62	4,26	3,96	3,70	3,32	2,77	2,33	1,98	1,70
1,00	11,78	0,141	24,52	19,62	16,35	14,01	12,26	10,90	9,81	8,92	8,17	7,54	7,01	6,30	5,19	4,33	3,65	3,10	2,66
1,25	14,72	0,167	37,78	30,22	25,19	21,59	18,89	16,79	15,11	13,74	12,59	11,62	10,79	8,78	7,23	6,03	5,08	4,32	3,70
1,50	17,66	0,211	53,92	43,14	35,95	30,81	26,96	23,96	21,57	19,61	17,97	16,59	13,74	11,17	9,21	7,68	6,47	5,50	4,71



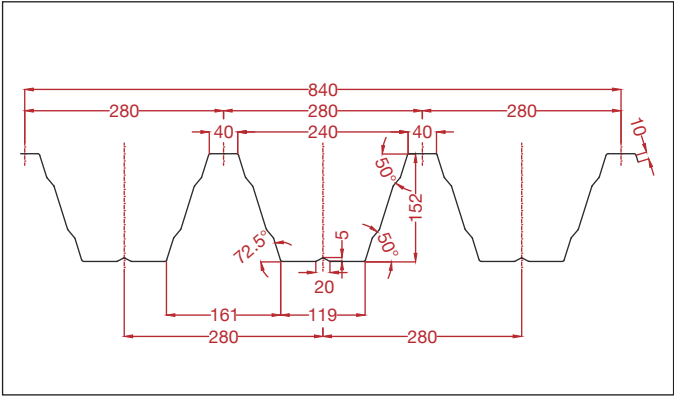
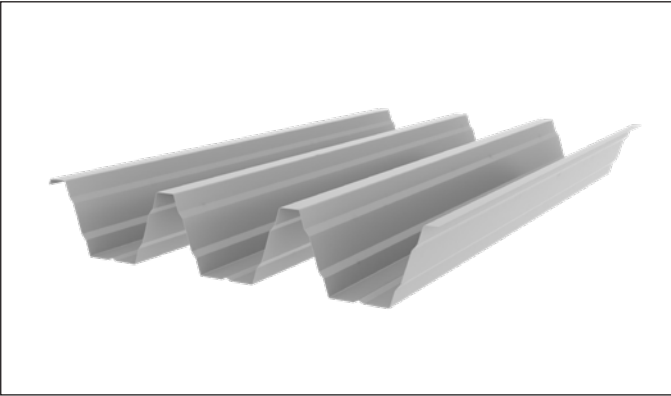
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	16,12	10,34	7,20	5,30	4,06	3,21	2,60	2,15	1,81	1,54	1,33	1,16	1,02	0,91	0,81	0,73	0,66
1,00	11,78	0,141	26,88	17,26	12,02	8,84	6,77	5,35	4,34	3,59	3,03	2,58	2,22	1,94	1,71	1,52	1,35	1,22	1,10
1,25	14,72	0,167	39,66	25,46	17,74	13,05	10,00	7,90	6,41	5,31	4,47	3,81	3,29	2,87	2,53	2,24	2,00	1,80	1,62
1,50	17,66	0,211	54,43	34,95	24,36	17,91	13,73	10,85	8,81	7,29	6,14	5,23	4,51	3,94	3,47	3,08	2,75	2,47	2,23



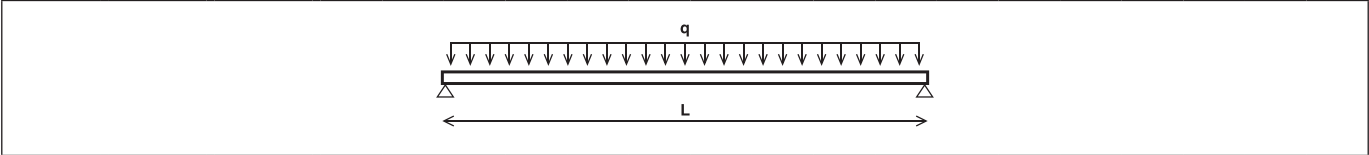
Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	17,33	13,28	9,25	6,80	5,21	4,12	3,34	2,76	2,33	1,98	1,71	1,49	1,31	1,16	1,04	0,93	0,84
1,00	11,78	0,141	30,65	22,13	15,42	11,34	8,69	6,87	5,57	4,61	3,88	3,31	2,85	2,49	2,19	1,95	1,74	1,56	1,41
1,25	14,72	0,167	47,23	32,65	22,75	16,73	12,82	10,13	8,22	6,80	5,73	4,88	4,21	3,68	3,24	2,87	2,56	2,30	2,08
1,50	17,66	0,211	67,40	44,79	31,22	22,96	17,60	13,91	11,29	9,34	7,87	6,70	5,79	5,05	4,45	3,95	3,52	3,16	2,86

Trapezoidal sheet EL T150/840

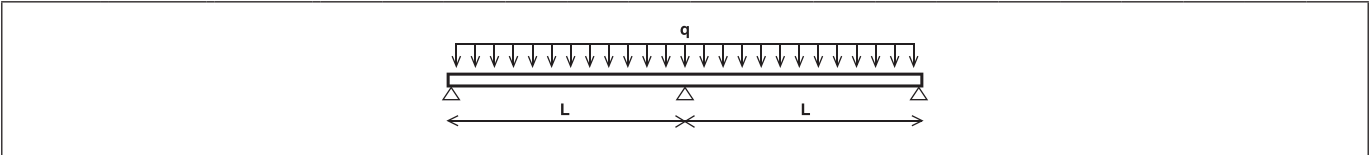
Steel S350GD



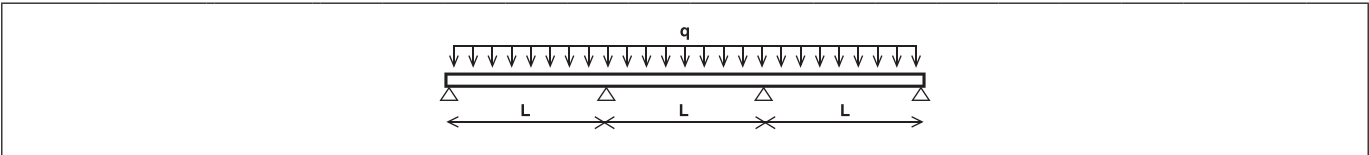
Opening: 1500 mm Thickness: 0,75 mm - 1,50 mm Cover: 840 ± 15 mm Depth: 152 ± 2 mm Pitch: 280 ± 4 mm



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	14,50	11,60	9,67	8,29	7,25	6,44	5,80	5,27	4,83	4,46	4,14	3,87	3,23	2,70	2,27	1,93	1,66
1,00	11,78	0,141	25,62	20,50	17,08	14,64	12,81	11,39	10,25	9,32	8,54	7,88	7,32	6,17	5,08	4,24	3,57	3,03	2,60
1,25	14,72	0,167	39,50	31,60	26,33	22,57	19,75	17,56	15,80	14,36	13,17	12,15	10,61	8,63	7,11	5,93	4,99	4,25	3,64
1,50	17,66	0,211	56,40	45,12	37,60	32,23	28,20	25,07	22,56	20,51	18,80	16,91	13,54	11,01	9,07	7,56	6,37	5,42	4,64



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	16,94	10,87	7,57	5,56	4,26	3,37	2,73	2,26	1,90	1,62	1,40	1,22	1,07	0,95	0,85	0,76	0,69
1,00	11,78	0,141	28,26	18,14	12,63	9,29	7,12	5,63	4,57	3,78	3,18	2,71	2,34	2,04	1,80	1,59	1,42	1,28	1,15
1,25	14,72	0,167	41,72	26,78	18,66	13,72	10,52	8,31	6,74	5,58	4,70	4,00	3,45	3,02	2,66	2,35	2,10	1,89	1,71
1,50	17,66	0,211	57,28	36,78	25,63	18,85	14,45	11,42	9,27	7,67	6,46	5,50	4,75	4,14	3,65	3,24	2,89	2,60	2,35



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m²) – Support opening (m)																
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,75	8,83	0,105	18,13	13,95	9,72	7,14	5,47	4,33	3,51	2,90	2,44	2,08	1,80	1,57	1,38	1,22	1,09	0,98	0,89
1,00	11,78	0,141	32,03	23,27	16,21	11,92	9,14	7,22	5,86	4,85	4,08	3,48	3,00	2,62	2,31	2,04	1,83	1,64	1,48
1,25	14,72	0,167	49,38	34,34	23,93	17,60	13,49	10,66	8,65	7,16	6,03	5,13	4,43	3,87	3,41	3,02	2,70	2,42	2,19
1,50	17,66	0,211	70,50	47,14	32,85	24,16	18,52	14,63	11,88	9,83	8,28	7,05	6,09	5,31	4,68	4,15	3,71	3,33	3,01

Trapezoidal sheet EL T73/750

General notes

Following you can find the marginal loads of steel sheet floors EL T73/750 without a composite appearance. These tables can be used for the calculation of light floors (e.g. steel sheet + marine plywood + coating) or for any disposal of steel sheet with light mortars (perlite, tin, etc.), where no mixed operation occurs.

The floor loads are divided into two categories: permanent G and variables E. The design of those two states:

The operating time functionality (Serviceability limit state – SLS)

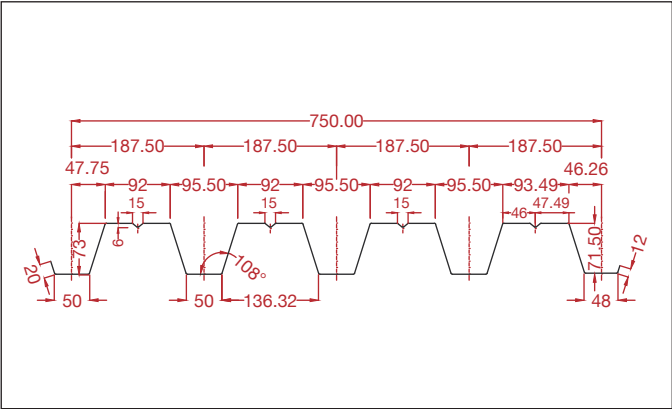
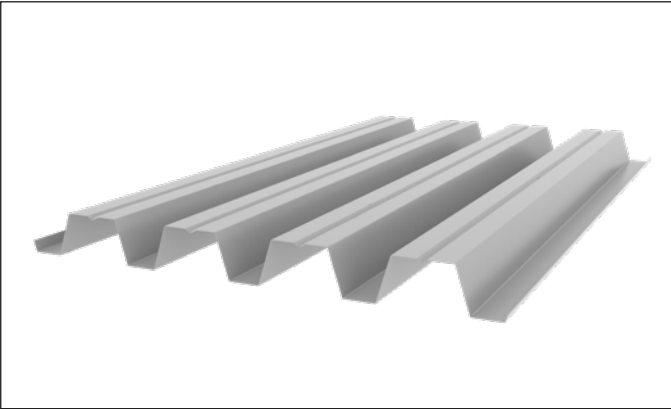
For the marginal function, set a load for the colors of the respective beams for two different permissible limits of submersible L/200 and L/300, where L the length of the product. The load is separated by the load G + Q, according to the loading regulation (loading safety factors equal to the unit. These loads are imprinted on the tables as $q_{Rd-SLS-L/200}$ and $q_{Rd-SLS-L/300}$ respectively.

Failure limit state (Ultimate limit state – ULS)

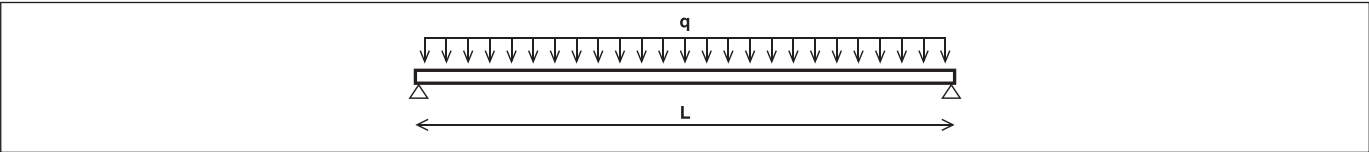
In the limit state of failure, it is given the maximum load that can be carried by the respective beam based on the drop in bending of the most critical cross section. Obviously, the criterion of failure is the excess of the strength of the most critical cross-section and not the creation of a mechanism of plastic joints, since the cross-section of the steel sheet belongs to category 4 of steel cross-sections in accordance with the EC-3, so it has no plastic strength. The calculated load corresponds to the adverse failure load $1.35G+1.5Q$ according to the loading regulation. These loads are symbolized in the tables as q_{Rd-ULS} .

Thickness (mm)	Weight (kg/m)
0,70	6,87
0,75	7,36
0,80	7,85
1,00	9,81
1,25	12,27

Trapezoidal sheet EL T73/750



Opening: 1250 mm Thickness: 0,70 mm - 1,25 mm Cover: 750 ± 7,3 mm Depth: 73 ± 1,5 mm Pitch: 187,5 ± 3 mm



t = 0,75 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	26.28	16.55	11.09	7.79	5.68	4.27	3.29	2.58	2.07	1.68	1.39	1.16	0.97	0.83	0.71	0.61	0.53	0.47	0.41
Q _{Rd} - SLS - L / 300	17.52	11.03	7.39	5.19	3.78	2.84	2.19	1.72	1.38	1.12	0.92	0.77	0.65	0.55	0.47	0.41	0.36	0.31	0.27
Q _{Rd} - ULS	24.39	17.92	13.72	10.84	8.78	7.26	6.10	5.19	4.48	3.90	3.43	3.04	2.71	2.43	2.19	1.99	1.81	1.66	1.52

Marginal loads in kN / m² for limit functionality and failure states.

t = 0,80 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	28.03	17.65	11.82	8.30	6.05	4.55	3.50	2.76	2.21	1.79	1.48	1.23	1.04	0.88	0.76	0.65	0.57	0.50	0.44
Q _{Rd} - SLS - L / 300	18.68	11.77	7.88	5.54	4.04	3.03	2.34	1.84	1.47	1.20	0.99	0.82	0.69	0.59	0.50	0.44	0.38	0.33	0.29
Q _{Rd} - ULS	26.13	19.20	14.70	11.61	9.41	7.77	6.53	5.57	4.80	4.18	3.67	3.25	2.90	2.61	2.35	2.13	1.94	1.78	1.63

Marginal loads in kN / m² for limit functionality and failure states.

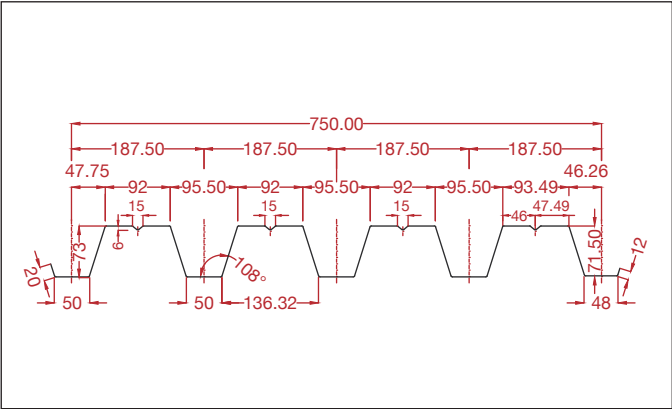
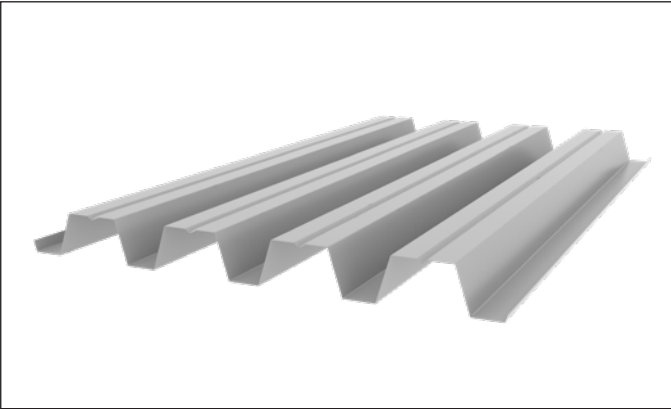
t = 1,00 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	35.17	22.15	14.84	10.42	7.60	5.71	4.40	3.46	2.77	2.25	1.86	1.55	1.30	1.11	0.95	0.82	0.71	0.62	0.55
Q _{Rd} - SLS - L / 300	23.45	14.77	9.89	6.95	5.07	3.81	2.93	2.31	1.85	1.50	1.24	1.03	0.87	0.74	0.63	0.55	0.48	0.42	0.37
Q _{Rd} - ULS	32.53	23.90	18.30	14.46	11.71	9.68	8.13	6.93	5.98	5.21	4.58	4.05	3.61	3.24	2.93	2.66	2.42	2.21	2.03

Marginal loads in kN / m² for limit functionality and failure states.

t = 1,25 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	44.06	27.75	18.59	13.05	9.52	7.15	5.51	4.33	3.47	2.82	2.32	1.94	1.63	1.39	1.19	1.03	0.89	0.78	0.69
Q _{Rd} - SLS - L / 300	29.37	18.50	12.39	8.70	6.34	4.77	3.67	2.89	2.31	1.88	1.55	1.29	1.09	0.93	0.79	0.69	0.60	0.52	0.46
Q _{Rd} - ULS	41.07	30.18	23.10	18.26	14.79	12.22	10.27	8.75	7.54	6.57	5.78	5.12	4.56	4.10	3.70	3.35	3.06	2.80	2.57

Marginal loads in kN / m² for limit functionality and failure states.

Trapezoidal sheet EL T73/750



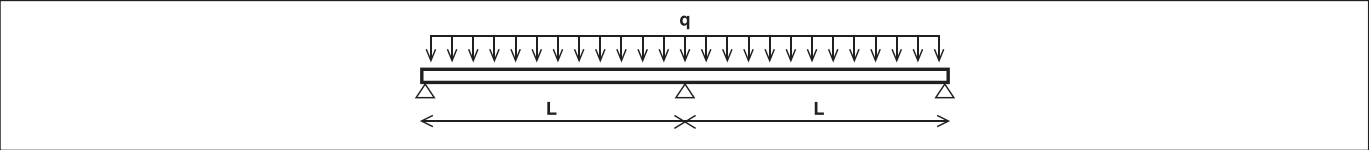
Opening: 1250 mm

Thickness: 0,70 mm - 1,25 mm

Cover: 750 ± 7,3 mm

Depth: 73 ± 1,5 mm

Pitch: 187,5 ± 3 mm



t = 0,75 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	63.31	39.87	26.71	18.76	13.68	10.27	7.91	6.22	4.98	4.05	3.34	2.78	2.34	1.99	1.71	1.48	1.28	1.12	0.99
Q _{Rd} - SLS - L / 300	42.21	26.58	17.81	12.51	9.12	6.85	5.28	4.15	3.32	2.70	2.23	1.86	1.56	1.33	1.14	0.98	0.86	0.75	0.66
Q _{Rd} - ULS	19.10	14.03	10.74	8.49	6.87	5.68	4.77	4.07	3.51	3.06	2.69	2.38	2.12	1.90	1.72	1.56	1.42	1.30	1.19

Marginal loads in kN / m² for limit functionality and failure states.

t = 0,80 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	67.51	42.52	28.48	20.00	14.58	10.96	8.44	6.64	5.31	4.32	3.56	2.97	2.50	2.13	1.82	1.57	1.37	1.20	1.05
Q _{Rd} - SLS - L / 300	45.01	28.34	18.99	13.34	9.72	7.30	5.63	4.43	3.54	2.88	2.37	1.98	1.67	1.42	1.22	1.05	0.91	0.80	0.70
Q _{Rd} - ULS	20.95	15.39	11.79	9.31	7.54	6.23	5.24	4.46	3.85	3.35	2.95	2.61	2.33	2.09	1.89	1.71	1.56	1.43	1.31

Marginal loads in kN / m² for limit functionality and failure states.

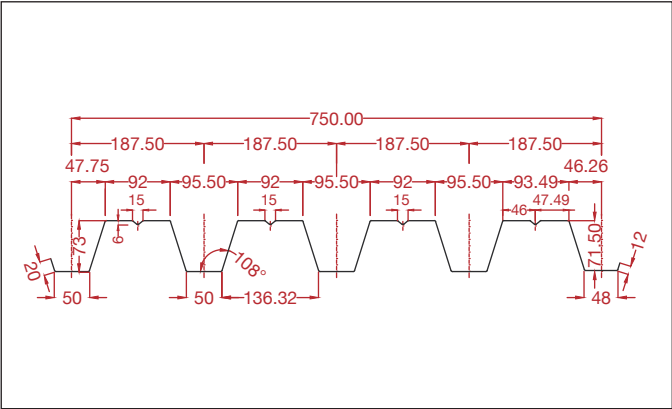
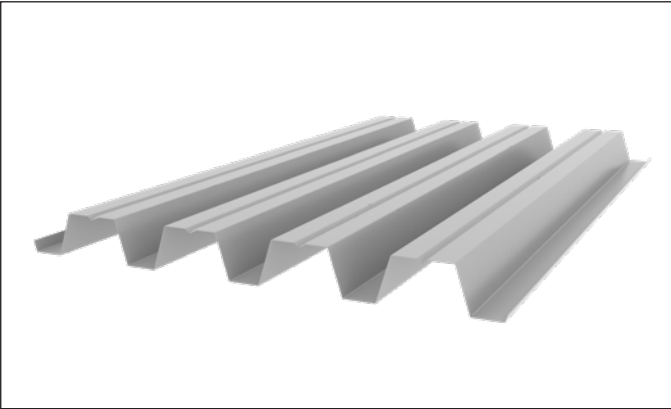
t = 1,00 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	84.72	53.35	35.74	25.10	18.30	13.75	10.59	8.33	6.67	5.42	4.47	3.72	3.14	2.67	2.29	1.98	1.72	1.50	1.32
Q _{Rd} - SLS - L / 300	56.48	35.57	23.83	16.74	12.20	9.17	7.06	5.55	4.45	3.61	2.98	2.48	2.09	1.78	1.52	1.32	1.15	1.00	0.88
Q _{Rd} - ULS	28.37	20.84	15.96	12.61	10.21	8.44	7.09	6.04	5.21	4.54	3.99	3.53	3.15	2.83	2.55	2.32	2.11	1.93	1.77

Marginal loads in kN / m² for limit functionality and failure states.

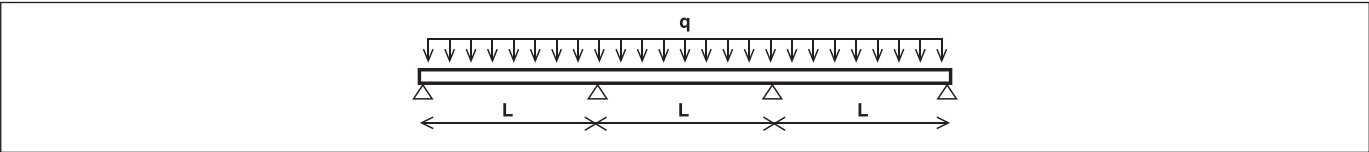
t = 1,25 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	106.1	66.84	44.77	31.45	22.92	17.22	13.27	10.43	8.35	6.79	5.60	4.67	3.93	3.34	2.87	2.48	2.15	1.88	1.66
Q _{Rd} - SLS - L / 300	70.75	44.56	29.85	20.96	15.28	11.48	8.84	6.96	5.57	4.53	3.73	3.11	2.62	2.23	1.91	1.65	1.44	1.26	1.11
Q _{Rd} - ULS	38.81	28.51	21.83	17.25	13.97	11.55	9.70	8.27	7.13	6.21	5.46	4.83	4.31	3.87	3.49	3.17	2.89	2.64	2.43

Marginal loads in kN / m² for limit functionality and failure states.

Trapezoidal sheet EL T73/750



Opening: 1250 mm Thickness: 0,70 mm - 1,25 mm Cover: 750 ± 7,3 mm Depth: 73 ± 1,5 mm Pitch: 187,5 ± 3 mm



t = 0,75 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	49.60	31.23	20.92	14.70	10.71	8.05	6.20	4.88	3.90	3.17	2.62	2.18	1.84	1.56	1.34	1.16	1.01	0.88	0.77
Q _{Rd} - SLS - L / 300	33.06	20.82	13.95	9.80	7.14	5.37	4.13	3.25	2.60	2.12	1.74	1.45	1.22	1.04	0.89	0.77	0.67	0.59	0.52
Q _{Rd} - ULS	23.87	17.54	13.43	10.61	8.59	7.10	5.97	5.08	4.38	3.82	3.36	2.97	2.65	2.38	2.15	1.95	1.78	1.62	1.49

Marginal loads in kN / m² for limit functionality and failure states.

t = 0,80 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	52.89	33.31	22.31	15.67	11.42	8.58	6.61	5.20	4.16	3.38	2.79	2.33	1.96	1.67	1.43	1.23	1.07	0.94	0.83
Q _{Rd} - SLS - L / 300	35.26	22.20	14.88	10.45	7.62	5.72	4.41	3.47	2.78	2.26	1.86	1.55	1.31	1.11	0.95	0.82	0.72	0.63	0.55
Q _{Rd} - ULS	26.19	19.24	14.73	11.64	9.43	7.79	6.55	5.58	4.81	4.19	3.68	3.26	2.91	2.61	2.36	2.14	1.95	1.78	1.64

Marginal loads in kN / m² for limit functionality and failure states.

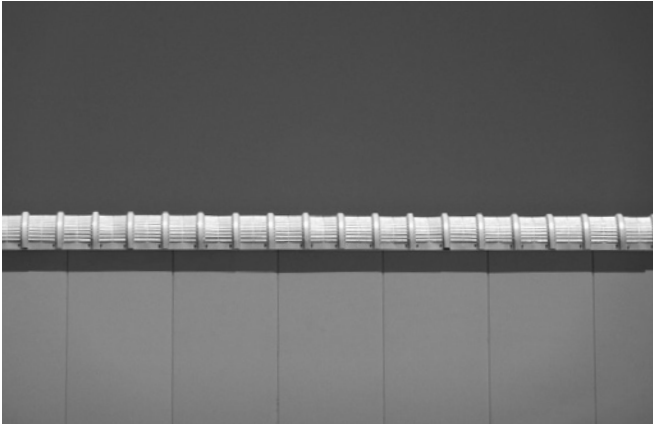
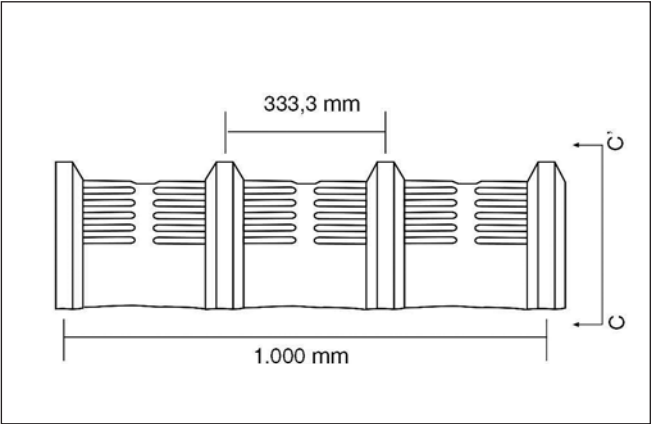
t = 1,00 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	66.37	41.80	28.00	19.67	14.34	10.77	8.30	6.53	5.22	4.25	3.50	2.92	2.46	2.09	1.79	1.55	1.35	1.18	1.04
Q _{Rd} - SLS - L / 300	44.25	27.86	18.67	13.11	9.56	7.18	5.53	4.35	3.48	2.83	2.33	1.95	1.64	1.39	1.19	1.03	0.90	0.79	0.69
Q _{Rd} - ULS	35.46	26.05	19.95	15.76	12.76	10.55	8.86	7.55	6.51	5.67	4.99	4.42	3.94	3.54	3.19	2.89	2.64	2.41	2.22

Marginal loads in kN / m² for limit functionality and failure states.

t = 1,25 mm																			
L (m)	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00
Q _{Rd} - SLS - L / 200	83.14	52.36	35.08	24.64	17.96	13.49	10.39	8.17	6.54	5.32	4.38	3.66	3.08	2.62	2.24	1.94	1.69	1.48	1.30
Q _{Rd} - SLS - L / 300	55.43	34.91	23.38	16.42	11.97	9.00	6.93	5.45	4.36	3.55	2.92	2.44	2.05	1.75	1.50	1.29	1.12	0.98	0.87
Q _{Rd} - ULS	48.51	35.64	27.29	21.56	17.46	14.43	12.13	10.33	8.91	7.76	6.82	6.04	5.39	4.84	4.37	3.96	3.61	3.30	3.03

Marginal loads in kN / m² for limit functionality and failure states.

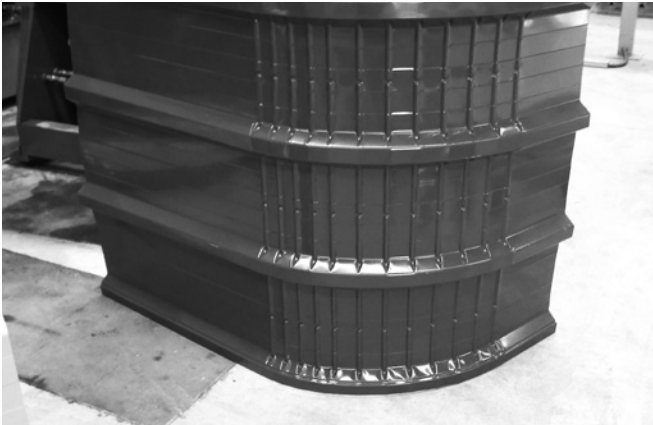
Curved trapezoidal sheet metal EL TC40/1000



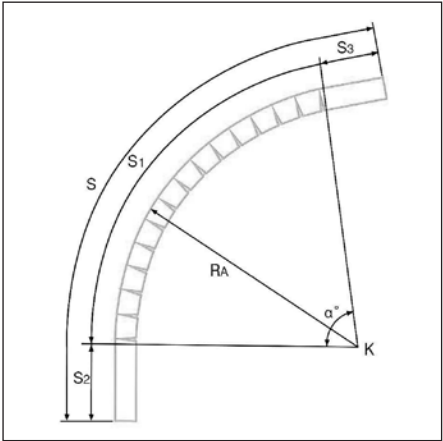
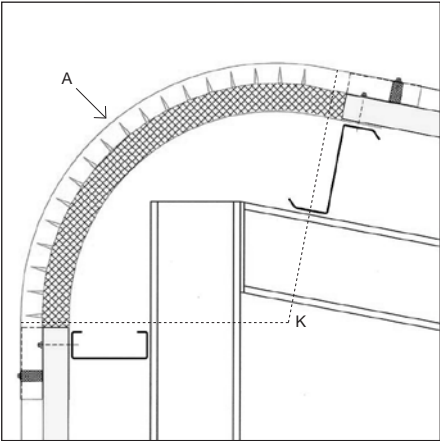
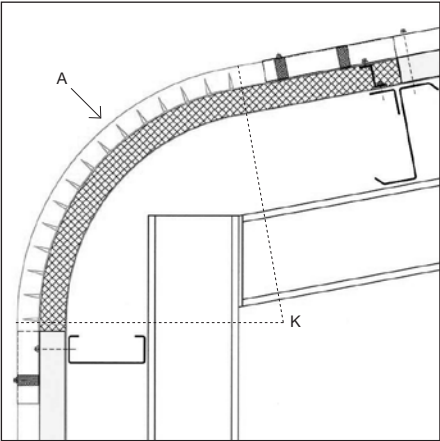
The configuration of the curved trapezoidal sheet EL TC40/1000 is the same as the configuration of the trapezoidal sheet EL T40/1000. It is also possible to apply with trapezoidal sheet metal EL TC40/1000 and flat panel.

This particular piece is used mainly for architectural and aesthetic reasons. In addition, the placement of the special piece avoids the construction of gutters, reducing significantly the cost.

- S₂:** 455mm (standardized) min: 50mm
- S₃:** 500mm (standardized) min: 420mm
- S₁:** $2\pi R_A \frac{\alpha^\circ}{360^\circ} \text{mm} = \pi R_A \frac{\alpha^\circ}{180^\circ} \text{mm}$
- S:** S₁ + S₂ + S₃ = max 2.000mm
- R_A:** min 450mm – max 600mm
- Minimum pitch:** 38mm



INDICATIVE CONSTRUCTIVE DETAILS ON TRAPEZOIDAL PANELS





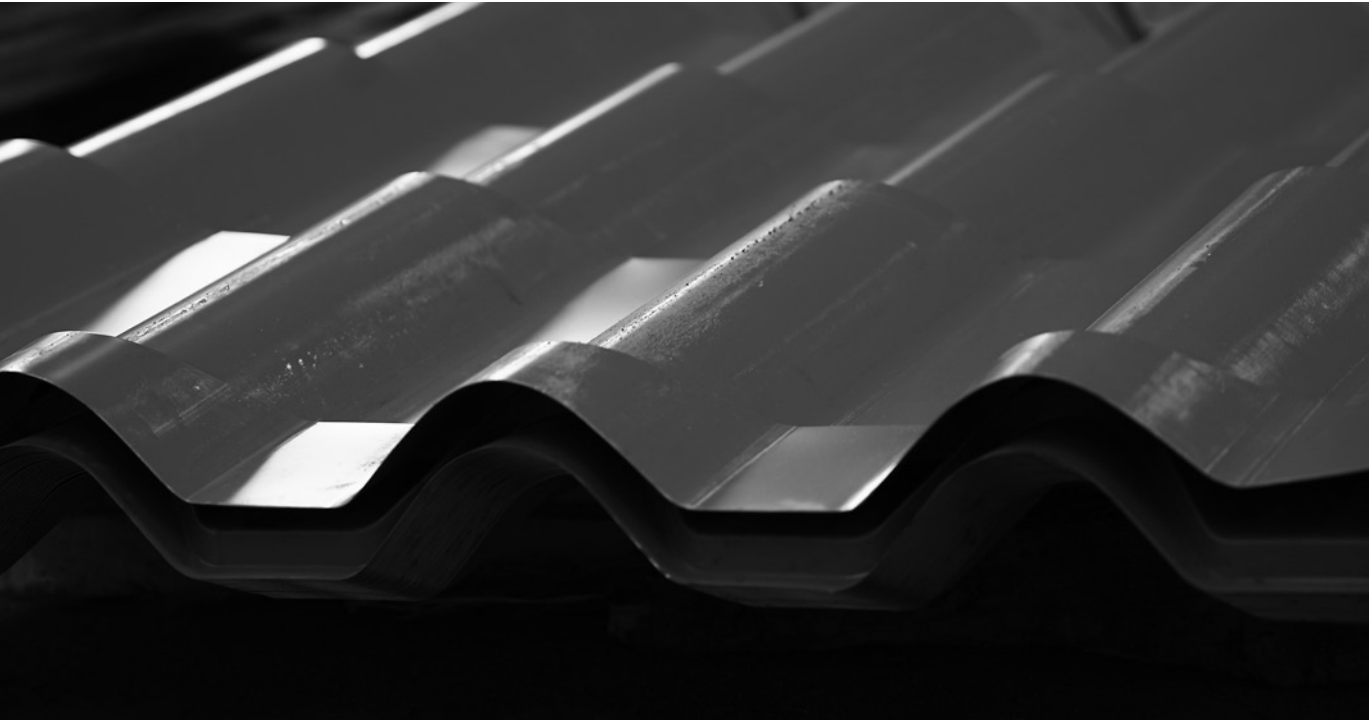
METALTILE

The vast variety of building covering products is now integrated with the new METALTILE series. It consists of profiles for wide openings which present a high quality finishing and also an attractive design. The overall result is a look identical to the classic tiles.

Because of its light weight per square meter, it may be safely placed even on an existing roof (e.g. roofs with bitumen membranes, trapezoidal sheets etc.).

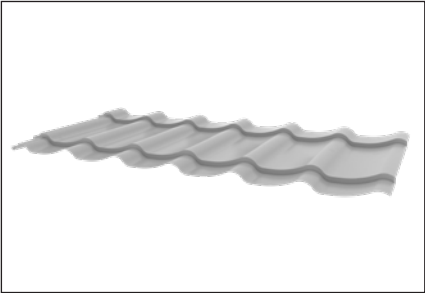
Characteristics	
Thickness	0,40 mm - 0,80 mm
Cover	Polyester
Step tile	250 mm - 350 mm
Minimum placement slope	8

- The advantages in brief:**
- The product is designed to bear extreme weather conditions such as: ice, rain, heat, storm, hail is 100% waterproof due to its specially designed groove on every sheet's edge.
 - It can be placed easily and quickly.
 - It can even be placed vertically.
 - It reduces the load of a finished construction. It is ideal for roofs placed for water-proofing and insulation purposes on existing lofts.
 - It does not need maintenance or cleaning; it prevents mold and sheets are self-cleaning.
 - Product presents extended lifetime because of the high-quality polyester coating of the profile.
 - It may be delivered in standardized length with standard step distance of 350mm in GREEK RED color.
 - Finally, it may be delivered according to the customer's order in a special length and step distance and additionally in any RAL coloration based on the customer's demand.

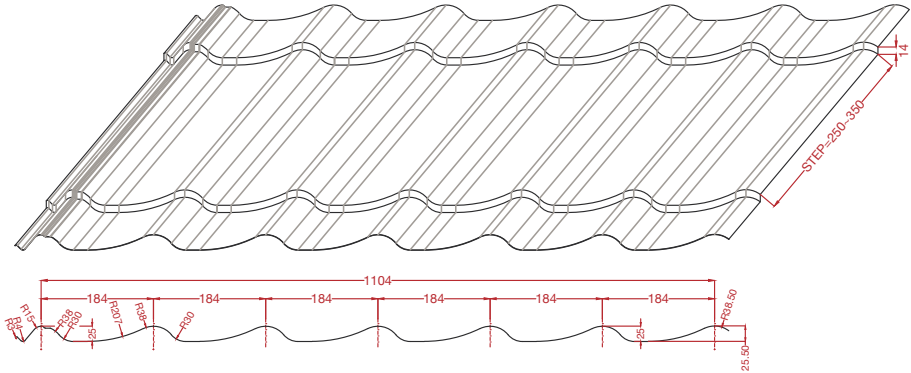


METALTILE

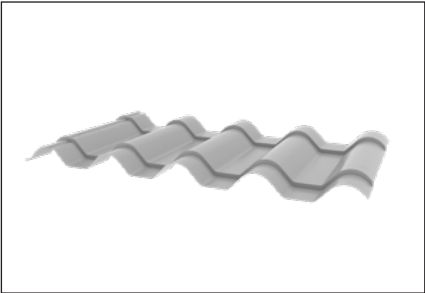
METALTILE ATTIKA



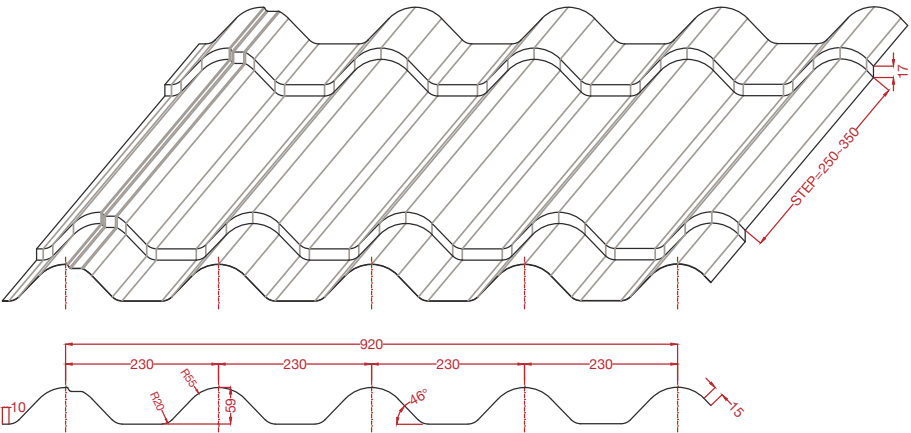
Thickness: 0,40 mm - 0,80 mm
Cover: 1104 ± 5 mm
Depth: 25 ± 1 mm
Step: 184 ± 2 mm
Pitch: 250 mm ~ 350 mm
Minimum installation angle (roof angle): 8°



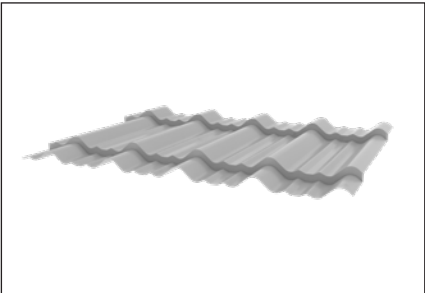
METALTILE ROMAN



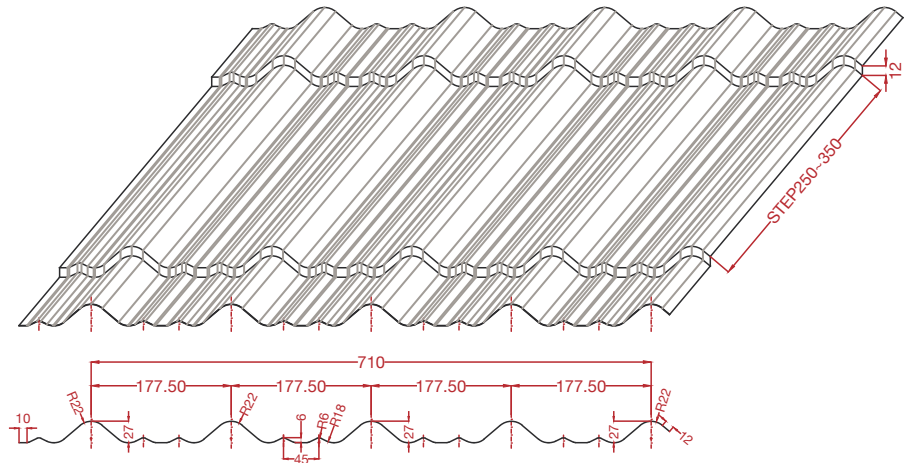
Thickness: 0,40 mm - 0,80 mm
Cover: 920 ± 5 mm
Depth: 59 ± 1,5 mm
Step: 230 ± 3 mm
Pitch: 250 mm ~ 350 mm
Minimum installation angle (roof angle): 8°



METALTILE CLASSIC



Thickness: 0,40 mm - 0,80 mm
Cover: 710 ± 5 mm
Depth: 27 ± 1 mm
Step: 177,5 ± 2 mm
Pitch: 250 mm ~ 350 mm
Minimum installation angle (roof angle): 8°



The information, descriptions, procedures, specifications, and dimensions contained in this catalogue are true and valid until the date of issue. ELASTRON S.A. STEEL SERVICE CENTERS reserves the right to make changes to the design, and the materials of its products for their improvement or removal, without prior notice. Although ELASTRON S.A. STEEL SERVICE CENTERS has made every effort to ensure that the information, technical instructions and data presented in this catalogue are accurate, nevertheless it remains for the user (reader) the obligation to verify whether the above are suitable to cover any of its needs. The company is not liable and is not responsible for any technical or typographical errors that cannot be predicted or have occurred unintentionally or due to force majeure. Especially for the elaboration of particular mechanical engineering studies, we ask you to contact the technical department of our company, in order to receive an updated copy of our catalogue, and to provide you with information and clarifications regarding the data listed in it.

October 2020

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