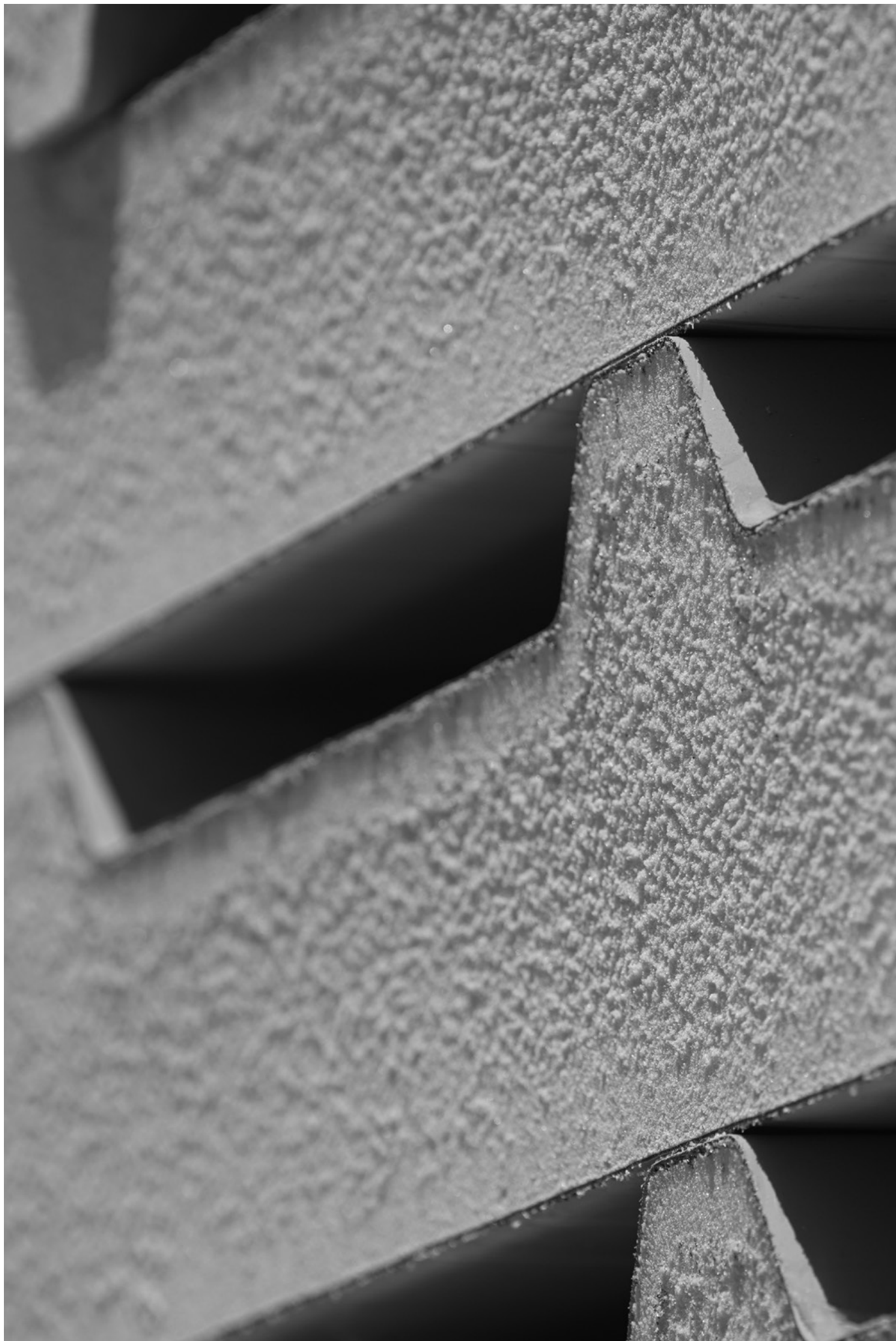


Load tables





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Introduction



The present technical report is a product of the TECHNICAL ENGINEERING laboratory of the Department of Mechanical and Aeronautical Engineering of the University of Patras in the framework of the program Φ.K: D.664

ECOPANEL® RL (roof)
in thicknesses 40 - 50 - 60 - 80 - 100 mm

EASYPANEL® RL (roof)
in thicknesses 40 - 50 mm

ECOPANEL® WLC (wall panel - concealed fix)
in thicknesses 40 - 50 - 60 - 80 - 100 - 120 mm

EASYPANEL® WLC (panel - concealed fix)
in thicknesses 40 - 50 mm

ECOPANEL® WL/FW (wall panel - visible fix)
in thicknesses 40 - 50 - 60 mm

EASYPANEL® WL/FW (wall panel - visible fix)
in thicknesses 40 - 50 mm

ECOPANEL® FL (cold room panel - visible fix)
in thicknesses 80 - 100 - 120 - 150 - 180 mm

Maximum allowed spans

The following tables have been calculated according to the current European specifications as well as to the directives of the European Committee of Standardization EN 14509, appendix E, tables E.10.1 and E.10.2. The following must be taken into consideration when using the tables:

- The loads are calculated in daN/m².
- The tables refer to buildings with normal interior environment and they are not valid for buildings of specific conditions of very high and/or very low values of temperature and humidity.
- For colour groups I (very light), II (light), III (dark), take into account the ranking of the colours.
- For every application, the suitable maximum allowed span is the smallest than the ones mentioned in the corresponding

two tables snow load / wind suction load (for the tables of roof panels) and wind - pressure / suction load (for the tables of wall cladding panels).

- The mentioned values in the tables have been calculated taking into account the most unfavorable conditions of load. The maximum bending arrow is L/150.
- For static support systems with more than three spans, the valid values are those reported in the tables with the three spans.
- In the loads of the panels and in the case of horizontal position (especially for roof panels) the weight of the panels should be taken into account, as well.

Colour Ranking



Group I

RAL	Hue
9010	pure white
9001	cream white
1013	pearl white
1015	light ivory

RAL	Hue
9002	grey white
1018	zinc yellow
1016	sulphur yellow
7035	light grey

Group II

RAL	Hue
1001	beige
1002	sand yellow
7038	agate grey
7032	cream grey
9006	white aluminium
1007	chromium yellow
1024	ochre yellow
2003	pastel orange
6021	pale green
1020	olive yellow

RAL	Hue
7001	silver grey
2000	yellow orange
6018	yellow green
7002	olive grey
6011	reseda green
5012	light blue
2004	pure orange
8003	orange brown
2001	red orange

Group III

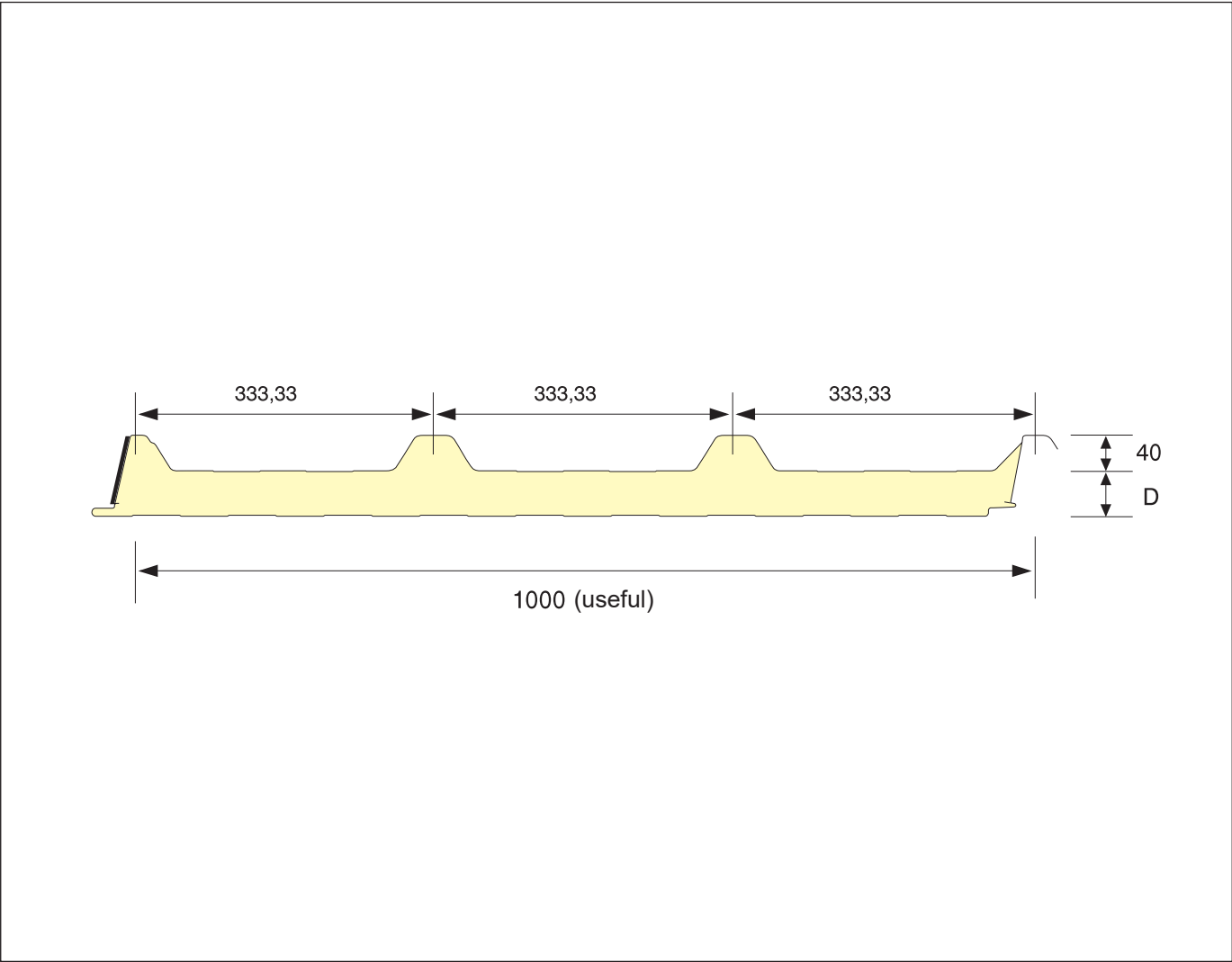
RAL	Hue
2002	blood orange
6010	grass green
8025	pale brown
8004	copper brown
5007	brilliant blue
6001	emerald green
9000	fire red
6002	leave red
3002	carmine red
6003	olive green
3009	oxide red
5009	sky blue
7015	slate grey

RAL	Hue
8007	deer brown
7013	brown grey
5010	gentian blue
8011	walnut brown
6005	moor green
7016	anthracite grey
3004	scarlet red
5002	ultramarine blue
8014	sepia brown
8016	mahogany brown
6008	brown green
5013	cobalt blue

ECOPANEL® RL & EASYPANEL® RL

ECOPANEL
RECOGNIZED QUALITY

easypanel



Panel's Weight

Type	Thickness D (mm)	Weight (kg/m²)	Load (daN/m²)
ECOPANEL® RL	40	8.70	9.00
ECOPANEL® RL	50	9.08	9.40
ECOPANEL® RL	60	9.46	9.70
ECOPANEL® RL	80	10.22	10.50
ECOPANEL® RL	100	10.98	11.30
EASYPANEL® RL	40	7.31	7.50
EASYPANEL® RL	50	7.76	7.90

Maximum allowed spans



ECOPANEL® RL 40

Snow load Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	2,87	2,41	2,09	1,85	1,65	1,49	1,37	1,29	1,25	1,24	1,22	1,18	1,14
Two spans 	I-II-III	2,72	2,34	2,07	1,85	1,65	1,49	1,37	1,29	1,25	1,24	1,22	1,18	1,14
Three spans 	I-II-III	2,87	2,41	2,09	1,85	1,65	1,49	1,37	1,29	1,25	1,24	1,22	1,18	1,14

Wind suction load Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	4,03	3,35	2,96	2,61	2,33	2,10	1,91	1,79	1,73	1,68	1,64	1,56	1,46
Two spans 	I-II-III	4,03	3,35	2,96	2,61	2,33	2,10	1,91	1,79	1,73	1,68	1,64	1,56	1,46
Three spans 	I-II-III	4,03	3,35	2,96	2,61	2,33	2,10	1,91	1,79	1,73	1,68	1,64	1,56	1,46

ECOPANEL® RL 50

Snow load Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,56	2,98	2,57	2,24	2,00	1,79	1,63	1,51	1,40	1,31	1,22	1,19	1,13
Two spans 	I-II-III	3,11	2,65	2,35	2,11	1,93	1,78	1,63	1,51	1,40	1,31	1,22	1,19	1,13
Three spans 	I-II-III	3,54	2,98	2,57	2,24	2,00	1,79	1,63	1,51	1,40	1,31	1,22	1,19	1,13

Wind suction load Steel sheet thickness t=0,45 / 0,40 mm

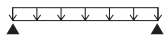
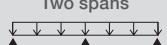
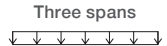
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	4,63	3,84	3,38	3,05	2,80	2,60	2,40	2,21	2,03	1,89	1,76	1,67	1,56
Two spans 	I-II-III	4,63	3,84	3,38	3,05	2,80	2,60	2,40	2,21	2,03	1,89	1,76	1,67	1,56
Three spans 	I-II-III	4,03	3,35	2,96	2,61	2,33	2,10	1,91	1,79	1,73	1,68	1,64	1,56	1,46

Maximum allowed spans

ECOPANEL® RL 60

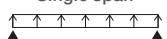
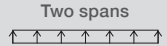
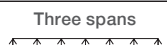
Snow load

Steel sheet thickness t=0.45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	4,34	3,64	3,11	2,71	2,40	2,14	1,94	1,78	1,65	1,53	1,43	1,27	1,16
Two spans 	I-II-III	3,51	3,00	2,64	2,38	2,17	2,00	1,86	1,75	1,65	1,53	1,43	1,27	1,16
Three spans 	I-II-III	4,00	3,41	2,99	2,68	2,40	2,14	1,94	1,78	1,65	1,53	1,43	1,27	1,16

Wind suction load

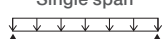
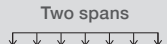
Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	5,21	4,33	3,80	3,44	3,16	2,93	2,75	2,60	2,46	2,33	2,17	1,89	1,69
Two spans 	I-II-III	5,21	4,33	3,80	3,44	3,16	2,93	2,75	2,60	2,46	2,33	2,17	1,89	1,69
Three spans 	I-II-III	5,21	4,33	3,80	3,44	3,16	2,93	2,75	2,60	2,46	2,33	2,17	1,89	1,69

ECOPANEL® RL 80

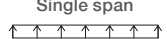
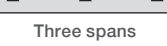
Snow load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	5,39	4,50	3,85	3,31	2,90	2,59	2,32	2,10	1,92	1,77	1,65	1,45	1,30
Two spans 	I-II-III	3,84	3,26	2,86	2,57	2,35	2,17	2,02	1,90	1,79	1,69	1,62	1,45	1,30
Three spans 	I-II-III	4,34	3,67	3,22	2,88	2,63	2,44	2,26	2,10	1,92	1,77	1,65	1,45	1,30

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	6,40	5,27	4,62	4,17	3,83	3,57	3,34	3,16	2,99	2,84	2,73	2,41	2,12
Two spans 	I-II-III	6,40	5,27	4,62	4,17	3,83	3,57	3,34	3,16	2,99	2,84	2,73	2,41	2,12
Three spans 	I-II-III	6,40	5,27	4,62	4,17	3,83	3,57	3,34	3,16	2,99	2,84	2,73	2,41	2,12

Maximum allowed spans



ECOPANEL® RL 100

Snow load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	6,55	5,18	4,27	3,61	3,12	2,74	2,44	2,20	2,01	1,86	1,73	1,49	1,30
Two spans 	I-II-III	4,15	3,52	3,08	2,76	2,53	2,34	2,18	2,04	1,93	1,85	1,73	1,49	1,30
Three spans 	I-II-III	4,68	3,92	3,45	3,08	2,86	2,73	2,44	2,20	2,01	1,86	1,73	1,49	1,30

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	7,37	5,76	4,88	4,38	4,01	3,74	3,54	3,37	3,22	3,09	2,96	2,58	2,22
Two spans 	I-II-III	7,37	5,76	4,88	4,38	4,01	3,74	3,54	3,37	3,22	3,09	2,96	2,58	2,22
Three spans 	I-II-III	7,37	5,76	4,88	4,38	4,01	3,74	3,54	3,37	3,22	3,09	2,96	2,58	2,22

EASYPANEL® RL 40

Snow load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	2,55	2,18	1,91	1,70	1,53	1,39	1,29	1,22	1,18	1,17	1,15	1,12	1,08
Two spans 	I-II-III	2,42	2,11	1,89	1,70	1,53	1,39	1,29	1,21	1,18	1,17	1,15	1,12	1,08
Three spans 	I-II-III	2,55	2,17	1,91	1,70	1,53	1,39	1,29	1,21	1,18	1,17	1,15	1,12	1,08

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

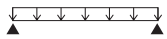
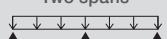
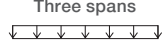
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,37	2,80	2,47	2,19	1,95	1,75	1,60	1,49	1,44	1,41	1,37	1,30	1,22
Two spans 	I-II-III	3,37	2,80	2,47	2,19	1,95	1,75	1,60	1,49	1,44	1,41	1,37	1,30	1,22
Three spans 	I-II-III	3,37	2,80	2,47	2,19	1,95	1,75	1,60	1,49	1,44	1,41	1,37	1,30	1,22

Maximum allowed spans

EASYPANEL® RL 50

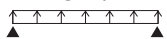
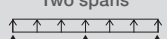
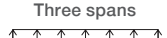
Snow load

Steel sheet thickness t=0,40 / 0,30 mm

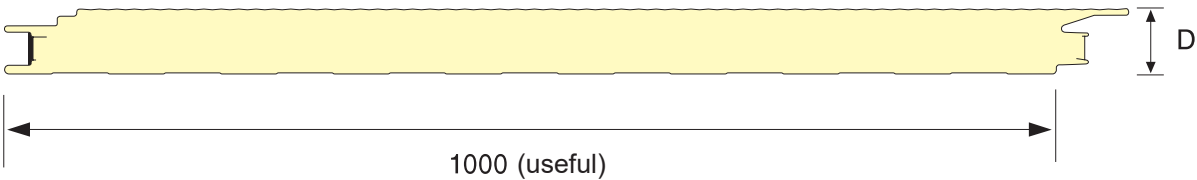
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,28	2,76	2,39	2,10	1,88	1,69	1,55	1,44	1,33	1,25	1,17	1,14	1,09
Two spans 	I-II-III	2,87	2,46	2,19	1,98	1,82	1,69	1,55	1,44	1,33	1,25	1,17	1,14	1,09
Three spans 	I-II-III	3,26	2,76	2,40	2,10	1,88	1,69	1,55	1,44	1,33	1,25	1,17	1,14	1,09

Wind suction load

Steel sheet thickness t=0,40 / 0,30 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	4,03	3,34	2,94	2,66	2,44	2,26	2,09	1,92	1,77	1,64	1,53	1,45	1,35
Two spans 	I-II-III	4,03	3,34	2,94	2,66	2,44	2,26	2,09	1,92	1,77	1,64	1,53	1,45	1,35
Three spans 	I-II-III	4,03	3,34	2,94	2,66	2,44	2,26	2,09	1,92	1,77	1,64	1,53	1,45	1,35

ECOPANEL® WLC & EASYPANEL® WLC



Panel’s Weight

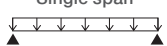
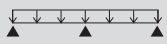
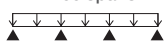
Type	Thickness D (mm)	Weight (kg/m²)	Load (daN/m²)
ECOPANEL® WLC	40	8,67	9,10
ECOPANEL® WLC	50	9,05	9,50
ECOPANEL® WLC	60	9,43	9,90
ECOPANEL® WLC	80	10,19	10,70
ECOPANEL® WLC	100	10,95	11,50
ECOPANEL® WLC	120	11,71	12,30
EASYPANEL® WLC	40	7,36	7,70
EASYPANEL® WLC	50	7,72	8,00

Maximum allowed spans

ECOPANEL® WLC 40

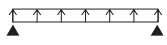
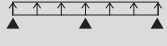
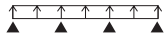
Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,10	2,66	2,36	2,14	1,96	1,81	1,69	1,59	1,49	1,41	1,34	1,22	1,11
Two spans 	I	4,08	3,36	2,88	2,42	2,03	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
	II	4,05	3,20	2,75	2,42	2,03	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
	III	3,26	2,87	2,55	2,25	2,02	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
Three spans 	I	3,79	3,18	2,78	2,47	2,16	1,85	1,62	1,45	1,31	1,20	1,10	0,95	0,84
	II	3,59	3,03	2,65	2,36	2,14	1,85	1,62	1,45	1,31	1,20	1,10	0,95	0,84
	III	3,29	2,80	2,46	2,20	2,00	1,84	1,62	1,45	1,31	1,20	1,10	0,95	0,84

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,10	2,66	2,36	2,14	1,96	1,81	1,69	1,59	1,49	1,41	1,34	1,22	1,11
Two spans 	I	3,82	3,20	2,75	2,42	2,03	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
	II	3,27	2,85	2,60	2,42	2,03	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
	III	2,50	2,29	2,15	2,04	1,96	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
Three spans 	I	3,79	3,18	2,78	2,47	2,24	1,85	1,62	1,45	1,31	1,20	1,10	0,95	0,84
	II	3,59	3,03	2,65	2,36	2,14	1,85	1,62	1,45	1,31	1,20	1,10	0,95	0,84
	III	2,83	2,46	2,23	2,07	1,96	1,84	1,62	1,45	1,31	1,20	1,10	0,95	0,84

Maximum allowed spans



ECOPANEL® WLC 50

Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,68	3,16	2,81	2,55	2,34	2,17	2,03	1,91	1,80	1,71	1,62	1,48	1,35
Two spans 	I	4,86	4,02	3,47	3,05	2,55	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
	II	4,66	3,86	3,33	2,94	2,55	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
	III	3,82	3,34	3,05	2,76	2,48	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
Three spans 	I	4,51	3,80	3,32	2,97	2,70	2,33	2,04	1,82	1,64	1,50	1,38	1,19	1,05
	II	4,29	3,63	3,18	2,85	2,59	2,33	2,04	1,82	1,64	1,50	1,38	1,19	1,05
	III	3,96	3,38	2,98	2,68	2,44	2,24	2,04	1,82	1,64	1,50	1,38	1,19	1,05

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

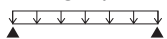
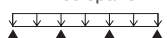
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,68	3,16	2,81	2,55	2,34	2,17	2,03	1,91	1,80	1,71	1,62	1,48	1,35
Two spans 	I	4,63	3,92	3,47	3,05	2,55	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
	II	4,03	3,47	3,14	2,91	2,55	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
	III	3,15	2,83	2,63	2,48	2,36	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
Three spans 	I	4,51	3,80	3,32	2,97	2,70	2,33	2,04	1,82	1,64	1,50	1,38	1,19	1,05
	II	4,29	3,63	3,18	2,85	2,59	2,33	2,04	1,82	1,64	1,50	1,38	1,19	1,05
	III	3,68	3,14	2,82	2,60	2,43	2,24	2,04	1,82	1,64	1,50	1,38	1,19	1,05

Maximum allowed spans

ECOPANEL® WLC 60

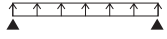
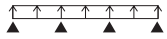
Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	4,23	3,64	3,24	2,94	2,71	2,51	2,35	2,21	2,09	1,98	1,89	1,72	1,59
Two spans 	I	5,60	4,65	4,03	3,57	3,08	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
	II	5,38	4,48	3,88	3,44	3,08	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
	III	4,90	4,21	3,66	3,25	2,93	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
Three spans 	I	5,19	4,38	3,84	3,45	3,13	2,80	2,45	2,19	1,97	1,80	1,66	1,43	1,26
	II	4,95	4,20	3,69	3,32	3,02	2,78	2,45	2,19	1,97	1,80	1,66	1,43	1,26
	III	4,60	3,93	3,47	3,13	2,86	2,63	2,44	2,19	1,97	1,80	1,66	1,43	1,26

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	4,23	3,64	3,24	2,94	2,71	2,51	2,35	2,21	2,09	1,98	1,89	1,72	1,59
Two spans 	I	4,71	4,01	3,60	3,31	3,08	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
	II	4,04	3,51	3,20	2,98	2,81	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
	III	3,09	2,82	2,64	2,51	2,41	2,32	2,25	2,10	1,90	1,75	1,61	1,41	1,25
Three spans 	I	5,19	4,38	3,84	3,45	3,13	2,80	2,45	2,19	1,97	1,80	1,66	1,43	1,26
	II	4,68	3,92	3,47	3,17	2,94	2,77	2,45	2,19	1,97	1,80	1,66	1,43	1,26
	III	3,51	3,04	2,76	2,56	2,42	2,30	2,21	2,13	1,97	1,80	1,66	1,43	1,26

Maximum allowed spans



ECOPANEL® WLC 80

Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	5,26	4,52	4,04	3,67	3,39	3,16	2,96	2,79	2,64	2,51	2,40	2,19	2,03
Two spans 	I	6,98	5,83	5,07	4,52	4,09	3,56	3,14	2,80	2,54	2,33	2,15	1,87	1,66
	II	6,74	5,64	4,90	4,38	3,97	3,56	3,14	2,80	2,54	2,33	2,15	1,87	1,66
	III	6,01	4,97	4,35	3,92	3,60	3,36	3,14	2,80	2,54	2,33	2,15	1,87	1,66
Three spans 	I	6,45	5,47	4,82	4,33	3,96	3,65	3,29	2,92	2,64	2,40	2,21	1,91	1,68
	II	6,19	5,27	4,65	4,19	3,83	3,54	3,29	2,92	2,64	2,40	2,21	1,91	1,68
	III	5,80	4,97	4,40	3,98	3,65	3,37	3,14	2,92	2,64	2,40	2,21	1,91	1,68

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

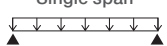
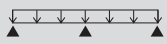
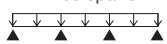
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	5,26	4,52	4,04	3,67	3,39	3,16	2,96	2,79	2,64	2,51	2,40	2,19	2,03
Two spans 	I	4,88	4,20	3,79	3,51	3,30	3,14	3,01	2,89	2,80	2,72	2,64	2,52	2,42
	II	4,09	3,62	3,33	3,12	2,96	2,84	2,73	2,65	2,80	2,72	2,64	2,52	2,42
	III	3,07	2,86	2,71	2,60	2,51	2,43	2,37	2,31	2,26	2,21	2,64	2,52	2,42
Three spans 	I	5,57	4,64	4,09	3,72	3,45	3,24	3,07	2,93	2,81	2,71	2,62	2,47	2,35
	II	4,68	3,96	3,54	3,25	3,03	2,87	2,73	2,62	2,52	2,71	2,62	2,47	2,35
	III	3,27	2,92	2,70	2,54	2,42	2,32	2,24	2,17	2,11	2,06	2,01	2,47	2,35

Maximum allowed spans

ECOPANEL® WLC 100

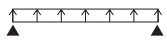
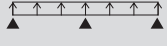
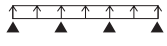
Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	6,21	5,35	4,78	4,36	4,03	3,76	3,53	3,33	3,16	3,01	2,87	2,64	2,44
Two spans 	I	8,26	6,93	6,05	5,41	4,91	4,47	3,93	3,51	3,18	2,91	2,68	2,33	2,07
	II	8,01	6,73	5,88	5,26	4,78	4,38	3,93	3,51	3,18	2,91	2,68	2,33	2,07
	III	7,07	6,00	5,36	4,82	4,42	4,10	3,85	3,51	3,18	2,91	2,68	2,33	2,07
Three spans 	I	7,63	6,48	5,72	5,16	4,73	4,37	4,07	3,66	3,30	3,01	2,76	2,38	2,10
	II	7,34	6,26	5,54	5,01	4,59	4,25	3,96	3,66	3,30	3,01	2,76	2,38	2,10
	III	6,92	5,94	5,28	4,78	4,39	4,07	3,79	3,56	3,30	3,01	2,76	2,38	2,10

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	6,21	5,35	4,78	4,36	4,03	3,76	3,53	3,33	3,16	3,01	2,87	2,64	2,44
Two spans 	I	5,99	5,11	4,58	4,22	3,96	3,75	3,58	3,44	3,18	2,91	2,68	2,33	2,07
	II	5,11	4,46	4,07	3,79	3,58	3,42	3,28	3,17	3,07	2,91	2,68	2,33	2,07
	III	3,91	3,58	3,35	3,19	3,06	2,95	2,86	2,79	2,72	2,66	2,60	2,33	2,07
Three spans 	I	6,85	5,68	4,99	4,53	4,18	3,92	3,71	3,53	3,30	3,01	2,76	2,38	2,10
	II	5,93	4,97	4,40	4,02	3,74	3,52	3,34	3,20	3,07	2,97	2,76	2,38	2,10
	III	4,41	3,83	3,48	3,24	3,06	2,91	2,80	2,70	2,61	2,54	2,47	2,36	2,10

Maximum allowed spans



ECOPANEL® WLC 120

Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	7,10	6,13	5,48	5,00	4,63	4,32	4,07	3,84	3,65	3,48	3,32	3,06	2,84
Two spans 	I	9,47	7,90	6,96	6,25	5,69	5,23	4,73	4,22	3,82	3,49	3,22	2,79	2,47
	II	8,72	7,31	6,47	5,91	5,49	5,10	4,73	4,22	3,82	3,49	3,22	2,79	2,47
	III	7,50	6,38	5,72	5,27	4,94	4,68	4,45	4,22	3,82	3,49	3,22	2,79	2,47
Three spans 	I	8,73	7,44	6,58	5,95	5,45	5,05	4,71	4,40	3,97	3,61	3,32	2,86	2,52
	II	8,43	7,20	6,39	5,78	5,31	4,92	4,59	4,31	3,97	3,61	3,32	2,86	2,52
	III	7,98	6,86	6,10	5,54	5,09	4,73	4,42	4,15	3,92	3,61	3,32	2,86	2,52

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

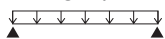
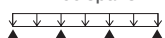
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	7,10	6,13	5,48	5,00	4,63	4,32	4,07	3,84	3,65	3,48	3,32	3,06	2,84
Two spans 	I	6,93	5,88	5,26	4,83	4,52	4,28	4,08	3,92	3,78	3,49	3,22	2,79	2,47
	II	5,99	5,18	4,70	4,36	4,11	3,91	3,75	3,62	3,50	3,40	3,22	2,79	2,47
	III	4,64	4,20	3,91	3,70	3,53	3,40	3,29	3,20	3,11	3,04	2,98	2,79	2,47
Three spans 	I	7,93	6,57	5,76	5,21	4,81	4,50	4,25	4,05	3,87	3,61	3,32	2,86	2,52
	II	6,97	5,82	5,13	4,67	4,33	4,07	3,86	3,69	3,54	3,41	3,30	2,86	2,52
	III	5,36	4,60	4,14	3,83	3,60	3,42	3,27	3,15	3,04	2,95	2,87	2,73	2,52

Maximum allowed spans

EASYPANEL® WLC 40

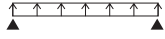
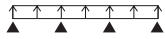
Wind pressure load

Steel sheet thickness t=0,40 / 0,30 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	2,97	2,55	2,26	2,05	1,89	1,75	1,63	1,53	1,45	1,37	1,30	1,19	1,09
Two spans 	I	3,91	3,24	2,79	2,44	2,04	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
	II	3,75	3,10	2,68	2,36	2,04	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
	III	3,49	2,90	2,50	2,21	1,99	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
Three spans 	I	3,63	3,06	2,67	2,39	2,17	1,86	1,63	1,45	1,31	1,20	1,10	0,95	0,84
	II	3,45	2,92	2,56	2,29	2,08	1,86	1,63	1,45	1,31	1,20	1,10	0,95	0,84
	III	3,18	2,72	2,39	2,15	1,96	1,80	1,63	1,45	1,31	1,20	1,10	0,95	0,84

Wind suction load

Steel sheet thickness t=0,40 / 0,30 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	2,97	2,55	2,26	2,05	1,89	1,75	1,63	1,53	1,45	1,37	1,30	1,19	1,09
Two spans 	I	3,09	2,66	2,41	2,23	2,04	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
	II	2,58	2,29	2,11	1,98	1,88	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
	III	1,93	1,81	1,72	1,65	1,59	1,54	1,50	1,40	1,27	1,16	1,08	0,94	0,84
Three spans 	I	3,63	3,06	2,67	2,39	2,17	1,86	1,63	1,45	1,31	1,20	1,10	0,95	0,84
	II	2,94	2,49	2,23	2,05	1,92	1,81	1,63	1,45	1,31	1,20	1,10	0,95	0,84
	III	2,03	1,83	1,69	1,60	1,52	1,46	1,41	1,37	1,31	1,20	1,10	0,95	0,84

Maximum allowed spans



EASYPANEL® WLC 50

Wind pressure load

Steel sheet thickness t=0,40 / 0,30 mm

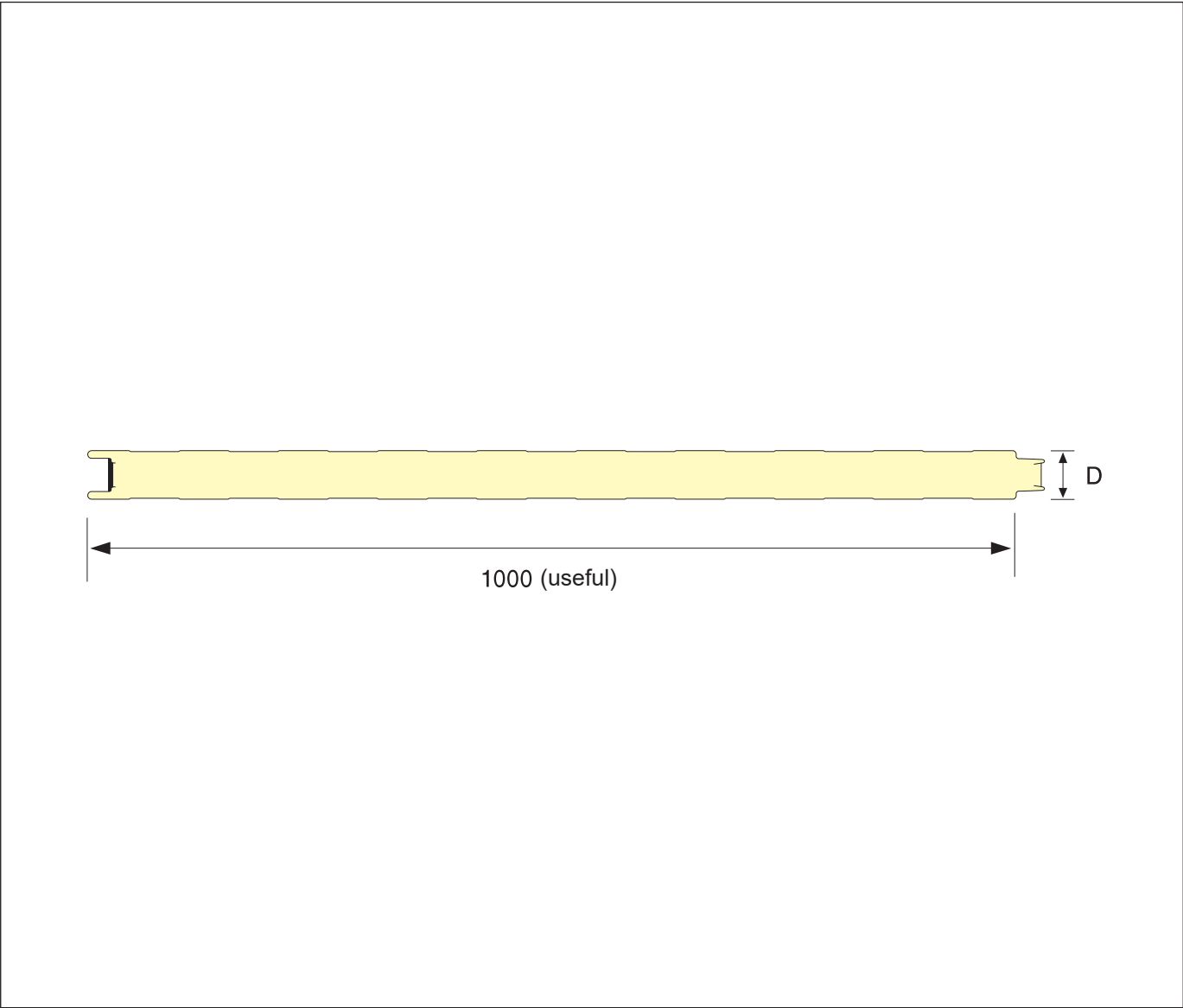
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,52	3,02	2,69	2,44	2,25	2,09	1,96	1,84	1,74	1,65	1,57	1,43	1,32
Two spans 	I	4,65	3,87	3,35	2,97	2,57	2,21	1,95	1,75	1,59	1,46	1,35	1,17	1,04
	II	4,48	3,72	3,23	2,86	2,57	2,21	1,95	1,75	1,59	1,46	1,35	1,17	1,04
	III	4,21	3,51	3,05	2,70	2,44	2,21	1,95	1,75	1,59	1,46	1,35	1,17	1,04
Three spans 	I	4,31	3,64	3,19	2,86	2,61	2,33	2,05	1,82	1,64	1,50	1,38	1,19	1,05
	II	4,11	3,49	3,07	2,76	2,51	2,31	2,05	1,82	1,64	1,50	1,38	1,19	1,05
	III	3,82	3,27	2,89	2,60	2,38	2,19	2,03	1,82	1,64	1,50	1,38	1,19	1,05

Wind suction load

Steel sheet thickness t=0,40 / 0,30 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,52	3,02	2,69	2,44	2,25	2,09	1,96	1,84	1,74	1,65	1,57	1,43	1,32
Two spans 	I	3,29	2,85	2,58	2,40	2,26	2,16	1,95	1,75	1,59	1,46	1,35	1,17	1,04
	II	2,72	2,43	2,25	2,12	2,02	1,94	1,87	1,75	1,59	1,46	1,35	1,17	1,04
	III	2,03	1,91	1,83	1,76	1,70	1,65	1,61	1,58	1,55	1,46	1,35	1,17	1,04
Three spans 	I	3,74	3,13	2,77	2,52	2,34	2,20	2,05	1,82	1,64	1,50	1,38	1,19	1,05
	II	3,07	2,62	2,35	2,17	2,04	1,93	1,84	1,77	1,64	1,50	1,38	1,19	1,05
	III	2,07	1,88	1,76	1,67	1,60	1,55	1,50	1,46	1,42	1,39	1,36	1,19	1,05

ECOPANEL® WL/FW & EASYPANEL® WL/FW



Panel's Weight

Type	Thickness D (mm)	Weight (kg/m²)	Load (daN/m²)
ECOPANEL® WL/FW	40	8,61	8,60
ECOPANEL® WL/FW	50	8,99	9,00
ECOPANEL® WL/FW	60	9,37	9,40
EASYPANEL® WL/FW	40	6,84	7,20
EASYPANEL® WL/FW	50	7,20	7,60

Maximum allowed spans



ECOPANEL® WL/FW 40

Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,10	2,66	2,36	2,14	1,96	1,81	1,69	1,59	1,49	1,41	1,34	1,22	1,11
Two spans 	I	4,08	3,36	2,88	2,42	2,03	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
	II	3,89	3,20	2,75	2,42	2,03	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
	III	3,59	2,97	2,55	2,25	2,02	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
Three spans 	I	3,79	3,18	2,78	2,47	2,16	1,85	1,62	1,45	1,31	1,20	1,10	0,95	0,84
	II	3,59	3,03	2,65	2,36	2,14	1,85	1,62	1,45	1,31	1,20	1,10	0,95	0,84
	III	3,29	2,80	2,46	2,20	2,00	1,84	1,62	1,45	1,31	1,20	1,10	0,95	0,84

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

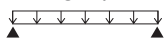
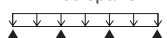
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,10	2,66	2,36	2,14	1,96	1,81	1,69	1,59	1,49	1,41	1,34	1,22	1,11
Two spans 	I	4,08	3,36	2,88	2,42	2,03	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
	II	3,89	3,20	2,75	2,42	2,03	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
	III	3,49	2,97	2,55	2,25	2,02	1,75	1,55	1,39	1,27	1,16	1,08	0,94	0,84
Three spans 	I	3,79	3,18	2,78	2,47	2,16	1,85	1,62	1,45	1,31	1,20	1,10	0,95	0,84
	II	3,59	3,03	2,65	2,36	2,14	1,85	1,62	1,45	1,31	1,20	1,10	0,95	0,84
	III	3,29	2,80	2,46	2,20	2,00	1,84	1,62	1,45	1,31	1,20	1,10	0,95	0,84

Maximum allowed spans

ECOPANEL® WL/FW 50

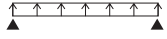
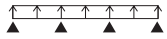
Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,68	3,16	2,81	2,55	2,34	2,17	2,03	1,91	1,80	1,71	1,62	1,48	1,35
Two spans 	I	4,86	4,02	3,47	3,05	2,55	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
	II	4,66	3,86	3,33	2,94	2,55	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
	III	4,35	3,61	3,12	2,76	2,48	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
Three spans 	I	4,51	3,80	3,32	2,97	2,70	2,33	2,04	1,82	1,64	1,50	1,38	1,19	1,05
	II	4,29	3,63	3,18	2,85	2,59	2,33	2,04	1,82	1,64	1,50	1,38	1,19	1,05
	III	3,96	3,38	2,98	2,68	2,44	2,24	2,04	1,82	1,64	1,50	1,38	1,19	1,05

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,68	3,16	2,81	2,55	2,34	2,17	2,03	1,91	1,80	1,71	1,62	1,48	1,35
Two spans 	I	4,86	4,02	3,47	3,05	2,55	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
	II	4,66	3,86	3,33	2,94	2,55	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
	III	3,97	3,45	3,12	2,76	2,48	2,20	1,95	1,75	1,59	1,46	1,35	1,18	1,05
Three spans 	I	4,51	3,80	3,32	2,97	2,70	2,33	2,04	1,82	1,64	1,50	1,38	1,19	1,05
	II	4,29	3,63	3,18	2,85	2,59	2,33	2,04	1,82	1,64	1,50	1,38	1,19	1,05
	III	3,96	3,38	2,98	2,68	2,44	2,24	2,04	1,82	1,64	1,50	1,38	1,19	1,05

Maximum allowed spans



ECOPANEL® WL/FW 60

Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	4,23	3,64	3,24	2,94	2,71	2,51	2,35	2,21	2,09	1,98	1,89	1,72	1,59
Two spans 	I	5,60	4,65	4,03	3,57	3,08	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
	II	5,38	4,48	3,88	3,44	3,08	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
	III	5,06	4,22	3,66	3,25	2,93	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
Three spans 	I	5,19	4,38	3,84	3,45	3,13	2,80	2,45	2,19	1,97	1,80	1,66	1,43	1,26
	II	4,95	4,20	3,69	3,32	3,02	2,78	2,45	2,19	1,97	1,80	1,66	1,43	1,26
	III	4,60	3,93	3,47	3,13	2,86	2,63	2,44	2,19	1,97	1,80	1,66	1,43	1,26

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

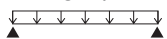
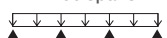
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	4,23	3,64	3,24	2,94	2,71	2,51	2,35	2,21	2,09	1,98	1,89	1,72	1,59
Two spans 	I	5,60	4,65	4,03	3,57	3,08	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
	II	5,33	4,48	3,88	3,44	3,08	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
	III	4,39	3,82	3,47	3,23	2,93	2,66	2,34	2,10	1,90	1,75	1,61	1,41	1,25
Three spans 	I	5,19	4,38	3,84	3,45	3,13	2,80	2,45	2,19	1,97	1,80	1,66	1,43	1,26
	II	4,95	4,20	3,69	3,32	3,02	2,78	2,45	2,19	1,97	1,80	1,66	1,43	1,26
	III	4,60	3,93	3,47	3,13	2,86	2,63	2,44	2,19	1,97	1,80	1,66	1,43	1,26

Maximum allowed spans

EASYPANEL® WL/FW 40

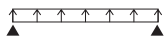
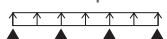
Wind pressure load

Steel sheet thickness t=0,40 / 0,30 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	2,97	2,55	2,26	2,05	1,89	1,75	1,63	1,53	1,45	1,37	1,30	1,19	1,09
Two spans 	I	3,91	3,24	2,79	2,44	2,04	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
	II	3,75	3,10	2,68	2,36	2,04	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
	III	3,41	2,85	2,50	2,21	1,99	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
Three spans 	I	3,63	3,06	2,67	2,39	2,17	1,86	1,63	1,45	1,31	1,20	1,10	0,95	0,84
	II	3,45	2,92	2,56	2,29	2,08	1,86	1,63	1,45	1,31	1,20	1,10	0,95	0,84
	III	3,18	2,72	2,39	2,15	1,96	1,80	1,63	1,45	1,31	1,20	1,10	0,95	0,84

Wind suction load

Steel sheet thickness t=0,40 / 0,30 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	2,97	2,55	2,26	2,05	1,89	1,75	1,63	1,53	1,45	1,37	1,30	1,19	1,09
Two spans 	I	2,83	2,47	2,24	2,09	1,97	1,76	1,56	1,40	1,27	1,16	1,08	0,94	0,84
	II	2,32	2,09	1,94	1,84	1,75	1,69	1,56	1,40	1,27	1,16	1,08	0,94	0,84
	III	1,74	1,64	1,57	1,52	1,47	1,43	1,40	1,37	1,27	1,16	1,08	0,94	0,84
Three spans 	I	3,21	2,69	2,39	2,18	2,03	1,91	1,63	1,45	1,31	1,20	1,10	0,95	0,84
	II	2,60	2,23	2,01	1,86	1,75	1,66	1,59	1,53	1,31	1,20	1,10	0,95	0,84
	III	1,72	1,58	1,49	1,42	1,37	1,32	1,28	1,25	1,22	1,20	1,10	0,95	0,84

Maximum allowed spans



EASYPANEL® WL/FW 50

Wind pressure load

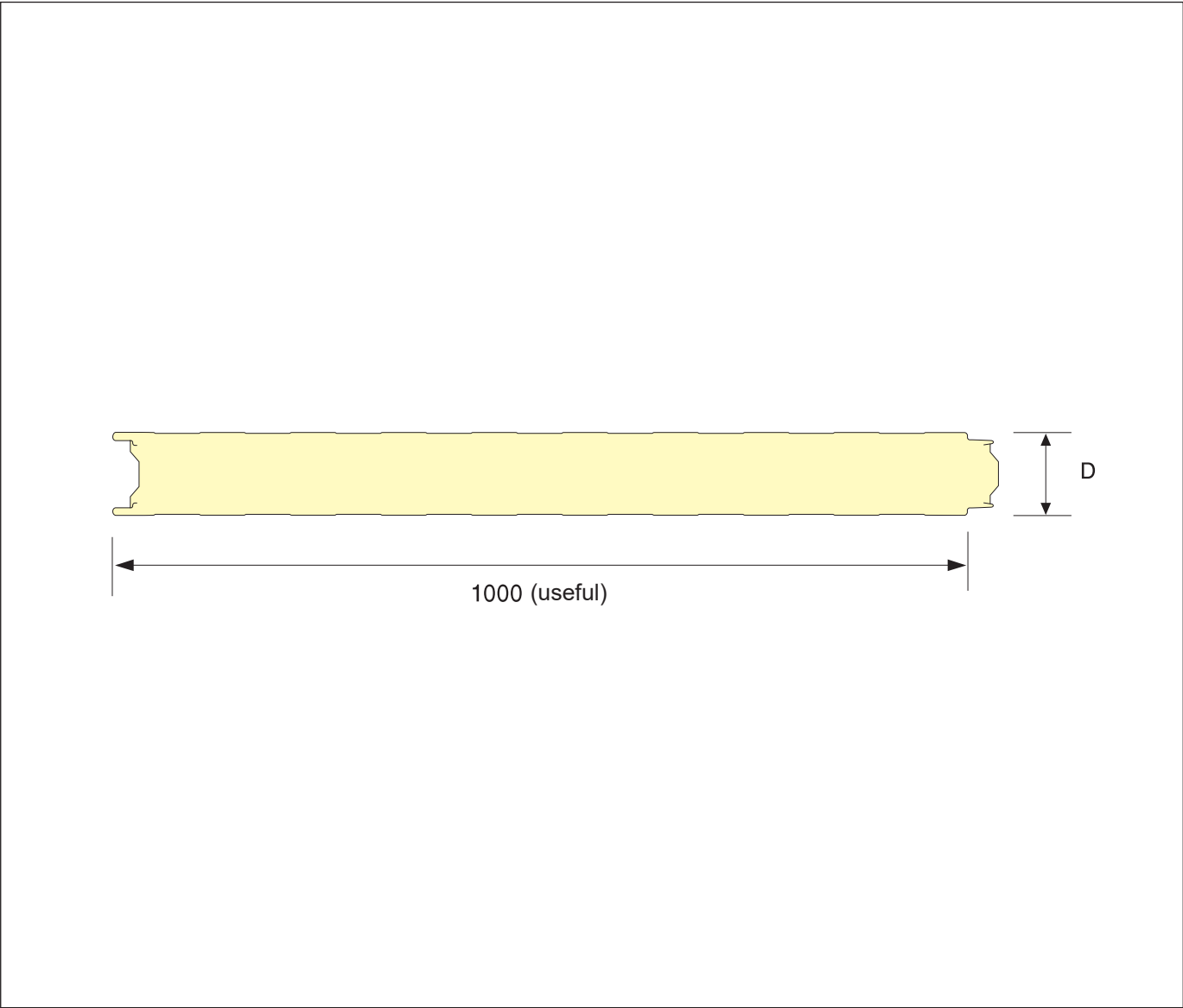
Steel sheet thickness t=0,40 / 0,30 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,52	3,02	2,69	2,44	2,25	2,09	1,96	1,84	1,74	1,65	1,57	1,43	3,52
Two spans 	I	4,65	3,87	3,35	2,97	2,57	2,21	1,95	1,75	1,59	1,46	1,35	1,17	4,65
	II	4,48	3,72	3,23	2,86	2,57	2,21	1,95	1,75	1,59	1,46	1,35	1,17	4,48
	III	4,21	3,51	3,05	2,70	2,44	2,21	1,95	1,75	1,59	1,46	1,35	1,17	4,21
Three spans 	I	4,31	3,64	3,19	2,86	2,61	2,33	2,05	1,82	1,64	1,50	1,38	1,19	4,31
	II	4,11	3,49	3,07	2,76	2,51	2,31	2,05	1,82	1,64	1,50	1,38	1,19	4,11
	III	3,82	3,27	2,89	2,60	2,38	2,19	2,03	1,82	1,64	1,50	1,38	1,19	3,82

Wind suction load

Steel sheet thickness t=0,40 / 0,30 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	3,52	3,02	2,69	2,44	2,25	2,09	1,96	1,84	1,74	1,65	1,57	1,43	3,52
Two spans 	I	3,81	3,25	2,92	2,69	2,52	2,21	1,95	1,75	1,59	1,46	1,35	1,17	3,81
	II	3,25	2,84	2,59	2,41	2,28	2,18	1,95	1,75	1,59	1,46	1,35	1,17	3,25
	III	2,47	2,27	2,13	2,03	1,95	1,88	1,82	1,75	1,59	1,46	1,35	1,17	2,47
Three spans 	I	4,31	3,62	3,18	2,86	2,61	2,30	2,05	1,82	1,64	1,50	1,38	1,19	4,31
	II	3,76	3,15	2,80	2,55	2,38	2,24	2,05	1,82	1,64	1,50	1,38	1,19	3,76
	III	2,77	2,42	2,20	2,05	1,94	1,85	1,77	1,71	1,64	1,50	1,38	1,19	2,77



Panel's Weight

Type	Thickness D (mm)	Weight (kg/m²)	Load (daN/m²)
ECOPANEL® FL	80	8,99	10,20
ECOPANEL® FL	100	10,89	11,00
ECOPANEL® FL	120	11,65	11,80
ECOPANEL® FL	150	12,79	12,90
ECOPANEL® FL	180	13,93	14,10

Maximum allowed spans



ECOPANEL® FL 80

Wind pressure load Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	5,26	4,52	4,04	3,67	3,39	3,16	2,96	2,79	2,64	2,51	2,40	2,19	2,03
Two spans 	I	6,98	5,83	5,07	4,52	4,09	3,56	3,14	2,80	2,54	2,33	2,15	1,87	1,66
	II	6,74	5,64	4,92	4,38	3,97	3,56	3,14	2,80	2,54	2,33	2,15	1,87	1,66
	III	6,39	5,36	4,68	4,17	3,78	3,46	3,14	2,80	2,54	2,33	2,15	1,87	1,66
Three spans 	I	6,45	5,47	4,82	4,33	3,96	3,65	3,29	2,92	2,64	2,40	2,21	1,91	1,68
	II	6,19	5,27	4,65	4,19	3,83	3,54	3,29	2,92	2,64	2,40	2,21	1,91	1,68
	III	5,80	4,97	4,40	3,98	3,65	3,37	3,14	2,92	2,64	2,40	2,21	1,91	1,68

Wind suction load Steel sheet thickness t=0,45 / 0,40 mm

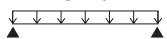
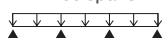
Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	5,26	4,52	4,04	3,67	3,39	3,16	2,96	2,79	2,64	2,51	2,40	2,19	2,03
Two spans 	I	6,92	5,79	5,07	4,52	4,09	3,56	3,14	2,80	2,54	2,33	2,15	1,87	1,66
	II	6,23	5,27	4,70	4,32	3,97	3,56	3,14	2,80	2,54	2,33	2,15	1,87	1,66
	III	5,16	4,48	4,06	3,77	3,56	3,39	3,14	2,80	2,54	2,33	2,15	1,87	1,66
Three spans 	I	6,45	5,47	4,82	4,33	3,96	3,65	3,29	2,92	2,64	2,40	2,21	1,91	1,68
	II	6,19	5,27	4,65	4,19	3,83	3,54	3,29	2,92	2,64	2,40	2,21	1,91	1,68
	III	5,80	4,97	4,40	3,98	3,65	3,37	3,14	2,92	2,64	2,40	2,21	1,91	1,68

Maximum allowed spans

ECOPANEL® FL 100

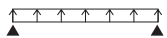
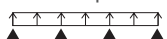
Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	6,21	5,35	4,78	4,36	4,03	3,76	3,53	3,33	3,16	3,01	2,87	2,64	2,44
Two spans 	I	8,26	6,93	6,05	5,41	4,91	4,47	3,93	3,51	3,18	2,91	2,68	2,33	2,07
	II	8,01	6,73	5,88	5,26	4,78	4,38	3,93	3,51	3,18	2,91	2,68	2,33	2,07
	III	7,63	6,43	5,63	5,04	4,58	4,20	3,89	3,51	3,18	2,91	2,68	2,33	2,07
Three spans 	I	7,63	6,48	5,72	5,16	4,73	4,37	4,07	3,66	3,30	3,01	2,76	2,38	2,10
	II	7,34	6,26	5,54	5,01	4,59	4,25	3,96	3,66	3,30	3,01	2,76	2,38	2,10
	III	6,92	5,94	5,28	4,78	4,39	4,07	3,79	3,56	3,30	3,01	2,76	2,38	2,10

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	6,21	5,35	4,78	4,36	4,03	3,76	3,53	3,33	3,16	3,01	2,87	2,64	2,44
Two spans 	I	7,78	6,51	5,77	5,26	4,89	4,47	3,93	3,51	3,18	2,91	2,68	2,33	2,07
	II	7,02	5,94	5,29	4,85	4,53	4,28	3,93	3,51	3,18	2,91	2,68	2,33	2,07
	III	5,83	5,05	4,58	4,25	4,01	3,82	3,66	3,51	3,18	2,91	2,68	2,33	2,07
Three spans 	I	7,63	6,48	5,72	5,16	4,73	4,37	4,07	3,66	3,30	3,01	2,76	2,38	2,10
	II	7,34	6,26	5,54	5,01	4,59	4,25	3,96	3,66	3,30	3,01	2,76	2,38	2,10
	III	6,92	5,94	5,28	4,78	4,39	4,07	3,79	3,56	3,30	3,01	2,76	2,38	2,10

Maximum allowed spans



ECOPANEL® FL 120

Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	7,10	6,13	5,48	5,00	4,63	4,32	4,07	3,84	3,65	3,48	3,32	3,06	2,84
Two spans 	I	9,47	7,96	6,97	6,25	5,69	5,23	4,73	4,22	3,82	3,49	3,22	2,79	2,47
	II	9,20	7,71	6,80	6,09	5,55	5,10	4,73	4,22	3,82	3,49	3,22	2,79	2,47
	III	8,05	6,81	6,08	5,58	5,21	4,91	4,55	4,22	3,82	3,49	3,22	2,79	2,47
Three spans 	I	8,73	7,44	6,58	5,95	5,45	5,05	4,71	4,40	3,97	3,61	3,32	2,86	2,52
	II	8,43	7,20	6,39	5,78	5,31	4,92	4,59	4,31	3,97	3,61	3,32	2,86	2,52
	III	7,98	6,86	6,10	5,54	5,09	4,73	4,42	4,15	3,92	3,61	3,32	2,86	2,52

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	7,10	6,13	5,48	5,00	4,63	4,32	4,07	3,84	3,65	3,48	3,32	3,06	2,84
Two spans 	I	7,76	6,53	5,80	5,31	4,95	4,67	4,44	4,22	3,82	3,49	3,22	2,79	2,47
	II	6,87	5,86	5,26	4,85	4,55	4,31	4,12	3,96	3,82	3,49	3,22	2,79	2,47
	III	5,51	4,87	4,46	4,18	3,97	3,80	3,65	3,54	3,43	3,34	3,22	2,79	2,47
Three spans 	I	8,73	7,33	6,41	5,78	5,32	4,97	4,69	4,40	3,97	3,61	3,32	2,86	2,52
	II	8,01	6,64	5,83	5,28	4,88	4,57	4,32	4,11	3,94	3,61	3,32	2,86	2,52
	III	6,56	5,52	4,90	4,49	4,18	3,94	3,75	3,59	3,45	3,34	3,24	2,86	2,52

Maximum allowed spans



ECOPANEL® FL 150

Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	8,37	7,23	6,47	5,92	5,48	5,13	4,83	4,57	4,35	4,15	3,97	3,66	3,40
Two spans 	I	10,56	8,80	7,75	7,05	6,53	6,09	5,68	5,29	4,78	4,36	4,02	3,48	3,08
	II	9,70	8,13	7,20	6,58	6,12	5,76	5,40	5,08	4,78	4,36	4,02	3,48	3,08
	III	8,33	7,09	6,36	5,86	5,49	5,20	4,97	4,69	4,46	4,26	4,02	3,48	3,08
Three spans 	I	10,30	8,79	7,79	7,06	6,49	6,01	5,62	5,29	4,97	4,52	4,15	3,57	3,14
	II	9,97	8,54	7,58	6,81	6,21	5,75	5,37	5,06	4,80	4,52	4,15	3,57	3,14
	III	9,48	8,12	7,04	6,30	5,76	5,34	5,00	4,72	4,48	4,27	4,09	3,57	3,14

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	8,37	7,23	6,47	5,92	5,48	5,13	4,83	4,57	4,35	4,15	3,97	3,66	3,40
Two spans 	I	7,74	6,57	5,87	5,40	5,05	4,78	4,56	4,38	4,22	4,09	3,97	3,48	3,08
	II	6,69	5,79	5,25	4,87	4,59	4,37	4,19	4,04	3,91	3,80	3,70	3,48	3,08
	III	5,18	4,68	4,36	4,13	3,95	3,80	3,68	3,57	3,48	3,40	3,32	3,20	3,08
Three spans 	I	8,86	7,33	6,43	5,82	5,37	5,03	4,75	4,52	4,33	4,16	4,02	3,57	3,14
	II	7,78	6,49	5,73	5,22	4,84	4,55	4,31	4,12	3,95	3,81	3,69	3,48	3,14
	III	5,99	5,13	4,63	4,28	4,02	3,82	3,65	3,51	3,40	3,29	3,20	3,05	2,93

Maximum allowed spans



ECOPANEL® FL 180

Wind pressure load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		Maximum allowable spans (m)												
Single span 	I-II-III	9,56	8,26	7,41	6,78	6,29	5,88	5,55	5,26	5,00	4,78	4,58	4,23	3,94
Two spans 	I	11,74	9,56	8,25	7,36	6,70	6,19	5,78	5,43	5,14	4,89	4,68	4,17	3,69
	II	10,16	8,54	7,58	6,90	6,30	5,83	5,45	5,14	4,88	4,65	4,45	4,12	3,69
	III	8,61	7,38	6,64	6,14	5,70	5,30	4,98	4,71	4,49	4,29	4,12	3,83	3,60
Three spans 	I	11,27	9,40	8,14	7,27	6,63	6,13	5,73	5,40	5,12	4,87	4,66	4,29	3,77
	II	10,76	8,91	7,71	6,90	6,29	5,83	5,45	5,14	4,87	4,65	4,45	4,12	3,77
	III	9,91	8,11	7,04	6,31	5,77	5,35	5,02	4,74	4,50	4,30	4,12	3,82	3,59

Wind suction load

Steel sheet thickness t=0,45 / 0,40 mm

Static system	Colour group	Uniformly distributed load (daN/m²)												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		-												
Single span 	I-II-III	9,56	8,26	7,41	6,78	6,29	5,88	5,55	5,26	5,00	4,78	4,58	4,23	3,94
Two spans 	I	7,73	6,61	5,95	5,49	5,15	4,89	4,68	4,50	4,34	4,21	4,10	3,90	3,69
	II	6,54	5,74	5,25	4,91	4,65	4,44	4,27	4,13	4,00	3,90	3,80	3,64	3,51
	III	4,96	4,58	4,31	4,11	3,95	3,82	3,71	3,62	3,53	3,46	3,39	3,27	3,17
Three spans 	I	8,84	7,34	6,46	5,86	5,42	5,09	4,81	4,59	4,40	4,24	4,09	3,86	3,67
	II	7,56	6,36	5,65	5,17	4,81	4,54	4,32	4,13	3,98	3,84	3,73	3,53	3,37
	III	5,48	4,81	4,40	4,11	3,90	3,72	3,58	3,46	3,36	3,27	3,19	3,05	2,94

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ELASTRON S.A.

Agios Ioannis Street, Ag. Ioannis,
193 00, Aspropyrgos , Athens, Greece

Tel. +30 210 5515 000

Fax +30 210 5515 015

elastron@elastron.gr

www.elastron.gr