

6

---

PRODUCT DATA SHEET

---

## 6. 1

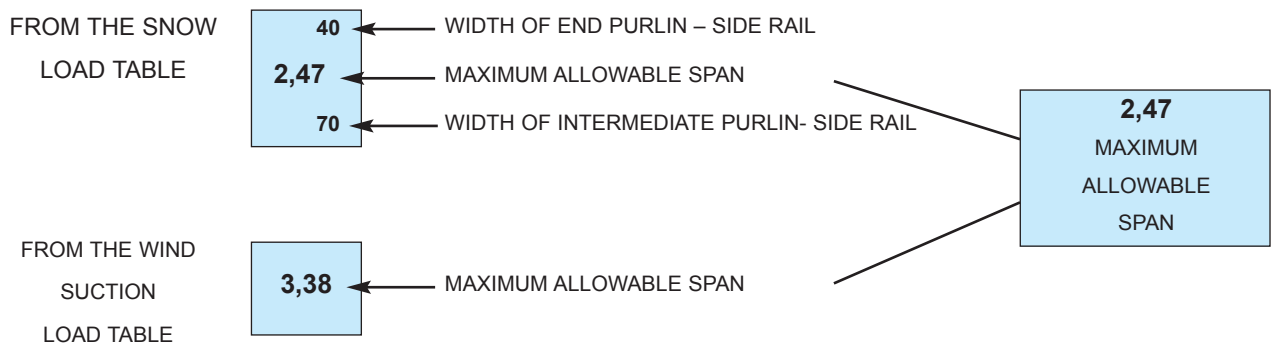
### LOAD TABLES AND MAXIMUM ALLOWED SPANS

The following tables have been calculated according to the valid European specifications (prEN 14509) as well as to the directives of the European Committee of Standardisation (CEN/TC 128/SC 11) which regard to the "composite self-bearing insulating metal prefabricated panels of sandwich type"

**The following must be observed when using the tables:**

- The characteristic loads must be determined by the valid European Specifications and they are calculated in daN/m<sup>2</sup>.
- The span tables refers to buildings with a normal interior climate and they are not valid for buildings of particular conditions of very high and/or of very low prices of temperature and humidity.
- In the case of roof panels (ECOPANEL RL) the values of the tables are valid only for the closed constructions as these are defined in the Eurocode 1 (EC 1 - DIN EN n 1991-1-1 and/or in the German Norm DIN 1055 Part 4.
- For colour groups I (very light) II (light) III (dark) consult the table that follows.
- The values in the tables have been calculated taking into account the most unfavourable conditions of loads. In the colour groups with the letter (f) the loads' values and the corresponding allowed maximum spans have been calculated taking into account additionally, the long-term behaviour. And in both cases the maximum deflection arrow is l/150.
- For application the suitable maximum allowed span is the smallest than the ones mentioned in corresponding two tables, snow load / wind suction load (for the tables of roof panels ECOPANEL RL) and wind- pressure load / suction load (for the tables of wall cladding panels ECOPANEL WLC - WL- FL). In the indicative example below, apart from the choice of the suitable span are also reported the minimum allowed widths of the purlins or side rails for the panels' support.
- For static support systems with more than three spans, valid are the values that are reported in the tables with the three spans.

#### INDICATIVE EXAMPLE:



## COLOR GROUPS - SHADES FOR THE TOLERANCE TABLES

RAL	COLORING	GROUP	RAL	COLORING	GROUP
9010	pure white	I	2002	blood orange	III
9001	cream white		6010	grass green	
1013	pearl white		8025	pale brown	
1015	light ivory		8004	copper brown	
9002	grey-white		5007	brilliant blue	
1018	zinc yellow		6001	emerald green	
1016	sulphur yellow		9000	fire red	
7035	light grey		6002	leave red	
1001	beige	II	3002	carmine red	
1002	sand yellow		6003	olive green	
7038	agate grey		3009	oxide red	
7032	cream grey		5009	sky blue	
9006	white aluminium		7015	slate grey	
1007	chromium yellow		8007	deer brown	
1024	ochre yellow		7013	brown grey	
2003	pastel orange		5010	gentian blue	
6021	pale green		8011	walnut brown	
1020	olive yellow		6005	moor green	
7001	silver grey		7016	anthracite grey	
2000	yellow orange		3004	scarlet red	
6018	yellow green		5002	ultramarine blue	
7002	olive grey		8014	sepia brown	
6011	reseda green		8016	mahogany brown	
5012	light blue		6008	brown green	
2004	pure orange		5013	cobalt blue	
8003	orange brown				
2001	red orange				

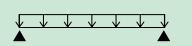
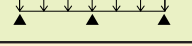

**ECOPANEL RL 30**

**6.2**

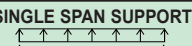
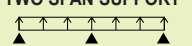
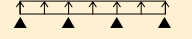


**SNOW LOAD**

**STEEL SHEET THICKNESS  $t = 0,50/0,50$  mm**

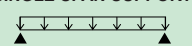
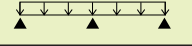

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	40	40	40	40	41	43	45	47	49	51	53	56	59	
	I(f), II(f), III(f)	3,58	2,90	2,47	2,17	1,96	1,79	1,66	1,55	1,46	1,38	1,32	1,21	1,12	
TWO SPAN SUPPORT 	I, II, III	40	40	40	40	41	43	45	47	49	51	53	56	59	
		3,58	2,90	2,47	2,17	1,96	1,79	1,66	1,55	1,46	1,38	1,32	1,21	1,12	
THREE SPAN SUPPORT 	I, II, III	40	40	40	40	41	43	45	47	49	51	53	56	59	
		3,58	2,90	2,47	2,17	1,96	1,79	1,66	1,55	1,46	1,38	1,32	1,21	1,12	

**WIND SUCTION LOAD**

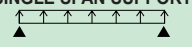
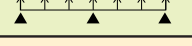
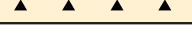
STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	5,16	4,05	3,38	2,94	2,62	2,37	2,17	2,01	1,87	1,75	1,65	1,49	1,36	
TWO SPAN SUPPORT 	I, II, III	5,16	4,05	3,38	2,94	2,62	2,37	2,17	2,01	1,87	1,75	1,65	1,49	1,36	
THREE SPAN SUPPORT 	I, II, III	5,16	4,05	3,38	2,94	2,62	2,37	2,17	2,01	1,87	1,75	1,65	1,49	1,36	

**SNOW LOAD**

**STEEL SHEET THICKNESS  $t = 0,60/0,60$  mm**

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	40	40	40	42	44	47	49	52	54	56	58	61	65	
	I(f), II(f), III(f)	3,84	3,13	2,68	2,36	2,13	1,95	1,81	1,69	1,59	1,51	1,44	1,32	1,23	
TWO SPAN SUPPORT 	I, II, III	40	40	40	42	44	47	49	52	54	56	58	61	65	
		3,84	3,13	2,68	2,36	2,13	1,95	1,81	1,69	1,59	1,51	1,44	1,32	1,23	
THREE SPAN SUPPORT 	I, II, III	40	40	40	42	44	47	49	52	54	56	58	61	65	
		3,84	3,13	2,68	2,36	2,13	1,95	1,81	1,69	1,59	1,51	1,44	1,32	1,23	

**WIND SUCTION LOAD**

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	5,70	4,51	3,76	3,26	2,89	2,62	2,40	2,21	2,06	1,93	1,82	1,64	1,50	
TWO SPAN SUPPORT 	I, II, III	5,70	4,51	3,76	3,26	2,89	2,62	2,40	2,21	2,06	1,93	1,82	1,64	1,50	
THREE SPAN SUPPORT 	I, II, III	5,70	4,51	3,76	3,26	2,89	2,62	2,40	2,21	2,06	1,93	1,82	1,64	1,50	

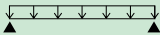
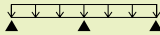
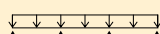
NOTE: 1 daN/m<sup>2</sup> = 1,02Kp = 1,02Kgr/m<sup>2</sup>

## ECOPANEL RL 40

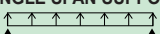
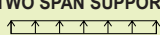
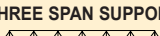


### SNOW LOAD

**STEEL SHEET THICKNESS  $t = 0,50/0,50$  mm**

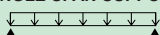
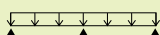
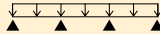
STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	40 4,05	40 3,24	40 2,74	42 2,38	44 2,12	46 1,93	48 1,77	50 1,65	52 1,54	54 1,46	55 1,38	58 1,26	62 1,17	
	I(f), II(f), III(f)	40 3,80	40 3,24	40 2,74	42 2,38	44 2,12	46 1,93	48 1,77	50 1,65	52 1,54	54 1,46	55 1,38	58 1,26	62 1,17	
TWO SPAN SUPPORT 	I, II, III	40 3,83	40 3,14	40 2,71	42 2,38	44 2,12	46 1,93	48 1,77	50 1,65	52 1,54	54 1,46	55 1,38	58 1,26	62 1,17	
		60 63	69 71	77 78	83 83	87 87	92 92	95 95	100 100	103 103	107 107	110 110	116 116	123 123	
THREE SPAN SUPPORT 	I, II, III	40 4,05	40 3,24	40 2,74	42 2,38	44 2,12	46 1,93	48 1,77	50 1,65	52 1,54	54 1,46	55 1,38	58 1,26	62 1,17	
		63 63	71 71	78 78	83 83	87 87	92 92	95 95	100 100	103 103	107 107	110 110	116 116	123 123	

### WIND SUCTION LOAD

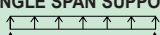
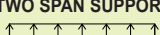
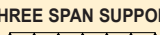
STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	5,68	4,50	3,87	3,37	3,00	2,71	2,47	2,28	2,12	1,98	1,86	1,66	1,50	
TWO SPAN SUPPORT 	I, II, III	5,68	4,50	3,87	3,37	3,00	2,71	2,47	2,28	2,12	1,98	1,86	1,66	1,50	
THREE SPAN SUPPORT 	I, II, III	5,68	4,50	3,87	3,37	3,00	2,71	2,47	2,28	2,12	1,98	1,86	1,66	1,50	

### SNOW LOAD

**STEEL SHEET THICKNESS  $t = 0,60/0,60$  mm**

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	40 4,35	40 3,50	43 2,96	46 2,58	48 2,31	51 2,10	53 1,93	55 1,80	57 1,68	59 1,59	61 1,51	64 1,38	67 1,27	
	I(f), II(f), III(f)	40 3,92	40 3,40	43 2,96	46 2,58	48 2,31	51 2,10	53 1,93	55 1,80	57 1,68	59 1,59	61 1,51	64 1,38	67 1,27	
TWO SPAN SUPPORT 	I, II, III	40 4,12	40 3,39	42 2,93	46 2,58	48 2,31	51 2,10	53 1,93	55 1,80	57 1,68	59 1,59	61 1,51	64 1,38	67 1,27	
		66 70	76 79	84 85	91 91	96 96	101 101	105 105	109 109	113 113	117 117	121 121	128 128	134 134	
THREE SPAN SUPPORT 	I, II, III	40 4,35	40 3,50	43 2,96	46 2,58	48 2,31	51 2,10	53 1,93	55 1,80	57 1,68	59 1,59	61 1,51	64 1,38	67 1,27	
		70 70	79 79	85 85	91 91	96 96	101 101	105 105	109 109	113 113	117 117	121 121	128 128	134 134	

### WIND SUCTION LOAD

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	6,28	4,94	4,23	3,74	3,32	2,99	2,73	2,52	2,34	2,18	2,05	1,83	1,66	
TWO SPAN SUPPORT 	I, II, III	6,28	4,94	4,23	3,74	3,32	2,99	2,73	2,52	2,34	2,18	2,05	1,83	1,66	
THREE SPAN SUPPORT 	I, II, III	6,28	4,94	4,23	3,74	3,32	2,99	2,73	2,52	2,34	2,18	2,05	1,83	1,66	

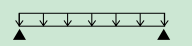
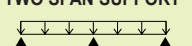
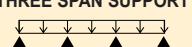
NOTE: 1 daN/m<sup>2</sup> = 1,02Kp = 1,02Kgr/m<sup>2</sup>

## ECOPANEL RL 50

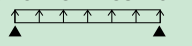
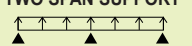
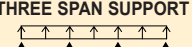


### SNOW LOAD

**STEEL SHEET THICKNESS  $t = 0,50/0,50$  mm**

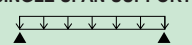
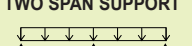
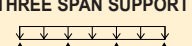
STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	40 4,56	40 3,63	40 3,04	41 2,62	43 2,32	44 2,08	46 1,90	48 1,76	49 1,64	50 1,54	52 1,45	54 1,32	57 1,21	
	I(f), II(f), III(f)	40 4,08	40 3,49	40 3,04	41 2,62	43 2,32	44 2,08	46 1,90	48 1,76	49 1,64	50 1,54	52 1,45	54 1,32	57 1,21	
TWO SPAN SUPPORT 	I, II, III	40 3,98	40 3,23	40 2,78	40 2,47	41 2,24	44 2,07	46 1,90	48 1,76	49 1,64	50 1,54	52 1,45	54 1,32	57 1,21	
		60 63	64 71	70 77	77 81	82 85	88 88	91 91	95 95	97 97	100 100	103 103	108 108	113 113	
THREE SPAN SUPPORT 	I, II, III	40 4,53	40 3,63	40 3,04	41 2,62	43 2,32	44 2,08	46 1,90	48 1,76	49 1,64	50 1,54	52 1,45	54 1,32	57 1,21	
		63 63	71 71	77 77	81 81	85 85	88 88	91 91	95 95	97 97	100 100	103 103	108 108	113 113	

### WIND SUCTION LOAD

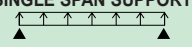
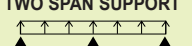
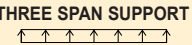
STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	5,92	4,68	4,01	3,57	3,26	3,02	2,79	2,57	2,38	2,22	2,08	1,85	1,66	
TWO SPAN SUPPORT 	I, II, III	5,92	4,68	4,01	3,57	3,26	3,02	2,79	2,57	2,38	2,22	2,08	1,85	1,66	
THREE SPAN SUPPORT 	I, II, III	5,92	4,68	4,01	3,57	3,26	3,02	2,79	2,57	2,38	2,22	2,08	1,85	1,66	

### SNOW LOAD

**STEEL SHEET THICKNESS  $t = 0,60/0,60$  mm**

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	40 4,90	40 3,92	42 3,28	45 2,84	47 2,52	49 2,27	50 2,07	52 1,91	53 1,78	55 1,68	56 1,58	60 1,44	62 1,32	
	I(f), II(f), III(f)	40 4,20	40 3,61	42 3,22	45 2,84	47 2,52	49 2,27	50 2,07	52 1,91	53 1,78	55 1,68	56 1,58	60 1,44	62 1,32	
TWO SPAN SUPPORT 	I, II, III	40 4,27	40 3,49	40 3,01	42 2,68	45 2,44	48 2,25	50 2,07	52 1,91	53 1,78	55 1,68	56 1,58	60 1,44	62 1,32	
		61 70	70 77	77 84	84 90	90 96	96 100	100 103	103 106	106 110	110 112	112 119	119 124	124 124	
THREE SPAN SUPPORT 	I, II, III	40 4,87	40 3,92	42 3,28	45 2,84	47 2,52	49 2,27	50 2,07	52 1,91	53 1,78	55 1,68	56 1,58	60 1,44	62 1,32	
		70 70	79 79	84 84	89 89	93 93	97 97	100 100	103 103	106 106	110 110	112 112	119 119	124 124	

### WIND SUCTION LOAD

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
SINGLE SPAN SUPPORT 	I, II, III	6,55	5,14	4,39	3,90	3,56	3,30	3,09	2,84	2,63	2,46	2,30	2,04	1,83	
TWO SPAN SUPPORT 	I, II, III	6,55	5,14	4,39	3,90	3,56	3,30	3,09	2,84	2,63	2,46	2,30	2,04	1,83	
THREE SPAN SUPPORT 	I, II, III	6,55	5,14	4,39	3,90	3,56	3,30	3,09	2,84	2,63	2,46	2,30	2,04	1,83	

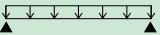
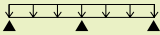
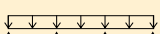
NOTE: 1 daN/m<sup>2</sup> = 1,02Kp = 1,02Kgr/m<sup>2</sup>

## ECOPANEL RL 60

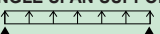
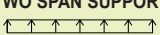
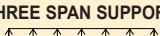


### SNOW LOAD

**STEEL SHEET THICKNESS  $t = 0,50/0,50$  mm**

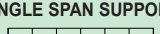
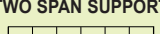

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		MAXIMUM ALLOWABLE SPANS (m)												
SINGLE SPAN SUPPORT 	I, II, III	40 5,08	40 4,04	40 3,36	41 2,88	42 2,53	43 2,26	45 2,05	46 1,88	47 1,74	48 1,63	49 1,53	51 1,38	53 1,26
	I(f), II(f), III(f)	40 4,36	40 3,72	40 3,29	41 2,88	42 2,53	43 2,26	45 2,05	46 1,88	47 1,74	48 1,63	49 1,53	51 1,38	53 1,26
TWO SPAN SUPPORT 	I, II, III	40 4,11	40 3,33	40 2,85	40 2,53	40 2,29	40 2,11	43 1,96	45 1,84	47 1,74	48 1,63	49 1,53	51 1,38	53 1,26
		60 60	60 60	65 65	71 71	76 76	81 81	85 85	89 89	93 93	96 96	98 98	102 102	106 106
THREE SPAN SUPPORT 	I, II, III	40 4,68	40 3,78	40 3,23	40 2,85	42 2,53	43 2,26	45 2,05	46 1,88	47 1,74	48 1,63	49 1,53	51 1,38	53 1,26
		60 60	67 67	74 74	80 80	84 84	86 86	89 89	91 91	93 93	96 96	98 98	102 102	106 106

### WIND SUCTION LOAD

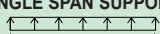
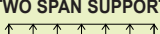

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		MAXIMUM ALLOWABLE SPANS (m)												
SINGLE SPAN SUPPORT 	I, II, III	6,10	4,81	4,11	3,66	3,33	3,09	2,90	2,74	2,60	2,48	2,32	2,06	1,84
TWO SPAN SUPPORT 	I, II, III	6,10	4,81	4,11	3,66	3,33	3,09	2,90	2,74	2,60	2,48	2,32	2,06	1,84
THREE SPAN SUPPORT 	I, II, III	6,10	4,81	4,11	3,66	3,33	3,09	2,90	2,74	2,60	2,48	2,32	2,06	1,84

### SNOW LOAD

**STEEL SHEET THICKNESS  $t = 0,60/0,60$  mm**

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		MAXIMUM ALLOWABLE SPANS (m)												
SINGLE SPAN SUPPORT 	I, II, III	40 5,46	40 4,36	43 3,64	45 3,13	46 2,74	48 2,46	49 2,23	50 2,04	51 1,90	52 1,77	54 1,67	56 1,50	59 1,38
	I(f), II(f), III(f)	40 4,48	40 3,83	40 3,40	44 3,08	46 2,74	48 2,46	49 2,23	50 2,04	51 1,90	52 1,77	54 1,67	56 1,50	59 1,38
TWO SPAN SUPPORT 	I, II, III	40 4,41	40 3,59	40 3,09	40 2,74	42 2,49	44 2,29	47 2,14	49 2,01	51 1,90	52 1,77	54 1,67	56 1,50	59 1,38
		60 60	65 65	72 72	78 78	83 83	88 88	93 93	98 98	102 102	104 104	107 107	111 111	117 117
THREE SPAN SUPPORT 	I, II, III	40 5,02	40 4,08	41 3,50	44 3,10	46 2,74	48 2,46	49 2,23	50 2,04	51 1,90	52 1,77	54 1,67	56 1,50	59 1,38
		65 65	74 74	81 81	88 88	92 92	95 95	97 97	100 100	102 102	104 104	107 107	111 111	117 117

### WIND SUCTION LOAD

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )												
		50	75	100	125	150	175	200	225	250	275	300	350	400
		MAXIMUM ALLOWABLE SPANS (m)												
SINGLE SPAN SUPPORT 	I, II, III	6,76	5,29	4,50	4,00	3,64	3,37	3,16	2,99	2,84	2,72	2,57	2,27	2,04
TWO SPAN SUPPORT 	I, II, III	6,76	5,29	4,50	4,00	3,64	3,37	3,16	2,99	2,84	2,72	2,57	2,27	2,04
THREE SPAN SUPPORT 	I, II, III	6,76	5,29	4,50	4,00	3,64	3,37	3,16	2,99	2,84	2,72	2,57	2,27	2,04

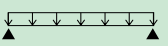
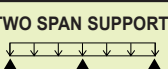
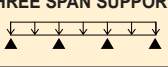
NOTE: 1 daN/m<sup>2</sup> = 1,02Kp = 1,02Kgr/m<sup>2</sup>

**ECOPANEL RL 80**

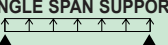
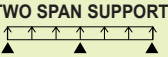



**SNOW LOAD**

**STEEL SHEET THICKNESS  $t = 0,50/0,50$  mm**

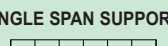
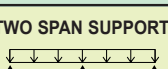
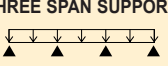
STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
 SINGLE SPAN SUPPORT	I, II, III	40 6,02	43 4,78	46 3,96	48 3,36	49 2,91	50 2,57	50 2,30	51 2,08	52 1,91	52 1,77	53 1,65	55 1,47	56 1,33	
	I(f), II(f), III(f)	40 4,79	40 4,04	41 3,55	45 3,19	49 2,91	50 2,57	50 2,30	51 2,08	52 1,91	52 1,77	53 1,65	55 1,47	56 1,33	
 TWO SPAN SUPPORT	I, II, III	40 4,29	40 3,46	40 2,95	40 2,61	40 2,36	42 2,16	44 2,01	46 1,89	48 1,78	50 1,69	52 1,62	55 1,47	56 1,33	
		60 62	62 68	68 74	74 79	79 83	83 87	87 92	92 96	96 99	99 104	104 109	109 112	112	
 THREE SPAN SUPPORT	I, II, III	40 4,85	40 3,90	40 3,32	41 2,92	44 2,64	47 2,42	49 2,24	51 2,08	52 1,91	52 1,77	53 1,65	55 1,47	56 1,33	
		62 70	70 77	77 82	82 88	88 93	93 97	97 101	101 103	103 104	104 105	105 109	109 112	112	

**WIND SUCTION LOAD**

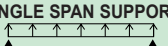
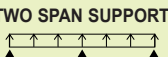

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
 SINGLE SPAN SUPPORT	I, II, III	7,15	5,60	4,76	4,23	3,84	3,55	3,32	3,14	2,98	2,84	2,73	2,44	2,17	
 TWO SPAN SUPPORT	I, II, III	7,15	5,60	4,76	4,23	3,84	3,55	3,32	3,14	2,98	2,84	2,73	2,44	2,17	
 THREE SPAN SUPPORT	I, II, III	7,15	5,60	4,76	4,23	3,84	3,55	3,32	3,14	2,98	2,84	2,73	2,44	2,17	

**SNOW LOAD**

**STEEL SHEET THICKNESS  $t = 0,60/0,60$  mm**

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
 SINGLE SPAN SUPPORT	I, II, III	43 6,48	47 5,16	50 4,28	52 3,64	53 3,16	54 2,79	55 2,50	56 2,27	56 2,08	57 1,93	58 1,80	60 1,60	62 1,46	
	I(f), II(f), III(f)	40 4,88	40 4,14	43 3,65	47 3,29	51 3,02	54 2,79	55 2,50	56 2,27	56 2,08	57 1,93	58 1,80	60 1,60	62 1,46	
 TWO SPAN SUPPORT	I, II, III	40 4,60	40 3,73	40 3,20	41 2,83	43 2,56	46 2,36	48 2,19	51 2,06	43 1,94	55 1,85	57 1,76	60 1,60	62 1,46	
		61 69	68 77	75 84	81 90	86 97	91 102	96 107	101 111	105 112	109 114	113 116	119 119	124 124	
 THREE SPAN SUPPORT	I, II, III	40 5,20	40 4,20	42 3,59	45 3,17	49 2,87	51 2,63	54 2,44	56 2,27	56 2,08	57 1,93	58 1,80	60 1,60	62 1,46	
		69 77	77 84	84 90	90 97	97 102	102 107	107 111	111 112	112 114	114 116	116 119	119 119	124 124	

**WIND SUCTION LOAD**

STATIC SYSTEM	COLOR GROUP	UNIFORMLY DISTRIBUTED LOAD (daN/m <sup>2</sup> )													
		50	75	100	125	150	175	200	225	250	275	300	350	400	
		MAXIMUM ALLOWABLE SPANS (m)													
 SINGLE SPAN SUPPORT	I, II, III	7,94	6,16	5,23	4,63	4,20	3,88	3,63	3,42	3,25	3,10	2,98	2,70	2,40	
 TWO SPAN SUPPORT	I, II, III	7,94	6,16	5,23	4,63	4,20	3,88	3,63	3,42	3,25	3,10	2,98	2,70	2,40	
 THREE SPAN SUPPORT	I, II, III	7,94	6,16	5,23	4,63	4,20	3,88	3,63	3,42	3,25	3,10	2,98	2,70	2,40	

NOTE: 1 daN/m<sup>2</sup> = 1,02Kp = 1,02Kgr/m<sup>2</sup>