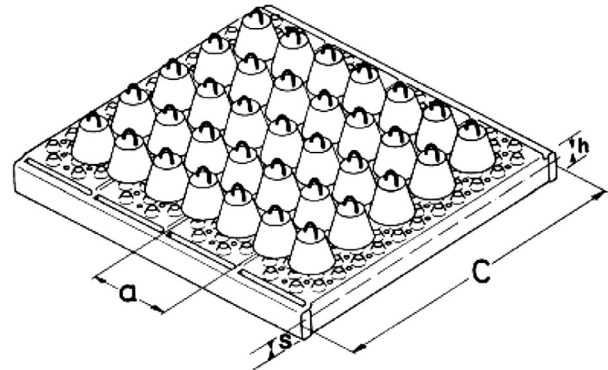


Metal sheet thickness: 2 mm

Material: Steel - STW 22
 Metal sheet thickness 2 mm
 Standard height: 32 mm
 Standard width: see table panel width
 Panel width: 3,000 mm
 Hole diameter: 9 mm
 Drainage hole diameter: 5 mm
 Max. deflection: 1/200 on the span



Load tables metal sheet thickness 2 mm

Evenly distributed load (kN /m²)

Panel width	Panel height	Span (mm)								
		300	400	500	600	700	800	900	1000	1100
50	32	237.0	133.3	85.3	59.2	43.5	33.3	26.3	21.3	17.6
62	32	204.3	114.9	73.6	51.1	37.5	28.7	22.7	18.4	15.2
75	32	177.2	99.7	63.8	44.3	32.5	24.9	19.7	15.9	13.2
87	32	158.8	89.3	57.2	39.7	29.2	22.3	17.6	14.3	11.8
100	32	142.4	80.1	51.3	35.6	26.2	20.0	15.8	12.8	10.6
112	32	130.4	73.4	47.0	32.6	24.0	18.3	14.5	11.7	9.7
125	32	119.3	67.1	43.0	29.8	21.9	16.8	13.3	10.7	8.9
137	32	110.9	62.4	39.9	27.7	20.4	15.6	12.3	10.0	8.2
150	32	102.9	57.9	37.0	25.7	18.9	14.5	11.4	9.3	7.7
200	32	80.8	45.5	29.1	20.2	14.8	11.4	9.0	7.3	6.0

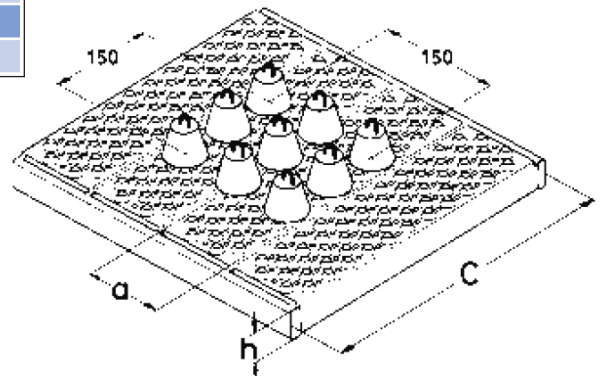
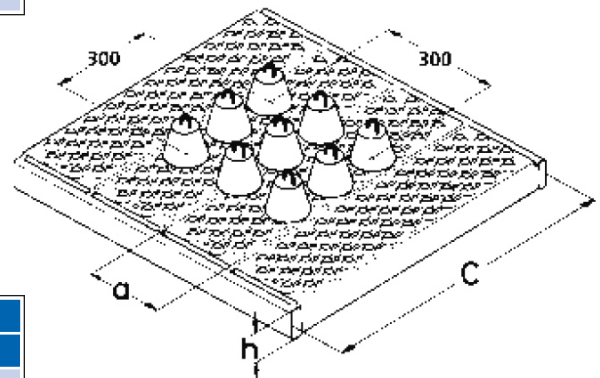
Panel width	Panel height	Span (mm)								
		1200	1300	1400	1500	1600	1700	1800	1900	2000
50	32	13.9	10.9	8.7	7.1	5.9	4.9	4.1	3.5	3.0
62	32	12.6	9.9	7.9	6.4	5.3	4.4	3.7	3.2	2.7
75	32	11.1	8.9	7.1	5.8	4.8	4.0	3.4	2.8	2.4
87	32	9.9	8.2	6.6	5.4	4.4	3.7	3.1	2.6	2.3
100	32	8.9	7.6	6.1	4.9	4.1	3.4	2.9	2.4	2.1
112	32	8.2	6.9	5.7	4.6	3.8	3.2	2.7	2.3	2.0
125	32	7.5	6.4	5.3	4.3	3.6	3.0	2.5	2.1	1.8
137	32	6.9	5.9	5.0	4.1	3.4	2.8	2.4	2.0	1.7
150	32	6.4	5.5	4.7	3.9	3.2	2.7	2.2	1.9	1.6
200	32	5.1	4.3	3.7	3.2	2.6	2.2	1.8	1.6	1.3

Point load on an area of
150 x 150 mm (kN)

Panel width	Panel height	Span (mm)				
		300	400	600	800	1000
50	32	6.58	4.95	3.07	2.16	1.74
62	32	5.75	4.26	2.63	2.00	1.49
75	32	4.89	4.08	2.27	1.63	1.30
87	32	4.38	3.30	2.04	1.51	1.20
100	32	3.87	2.92	1.80	1.30	1.02

Point load on an area of
300 x 300 mm (kN)

Panel width	Panel height	Span (mm)				
		300	400	600	800	1000
50	32	21.50	12.90	7.17	4.96	3.80
62	32	18.79	11.27	6.26	4.34	3.31
75	32	15.98	9.58	5.33	3.69	2.82
87	32	14.16	8.50	4.72	3.26	2.50
100	32	12.65	7.59	4.21	2.92	2.23
112	32	11.49	6.90	3.83	2.65	2.03
125	32	10.48	6.29	3.49	2.42	1.85
137	32	9.69	5.81	3.23	2.24	1.71
150	32	9.18	5.51	3.06	2.12	1.62

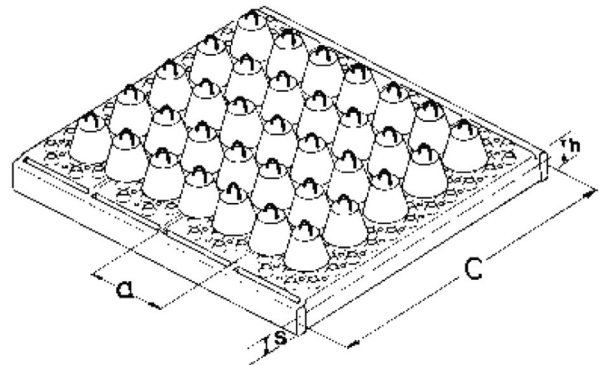


Load tables in general

The table values state the reliable load for standard panels metal sheet thickness 2 mm with a height of 32 mm. Special heights are available upon request.

Panels metal sheet thickness 3 mm

Material: Steel - STW 22
 Metal sheet thickness: 3 mm
 Standard height: 35 mm
 Standard width: see table panel width
 Max. panel width: 3,000 mm
 Hole diameter: 14 mm
 Drainage hole diameter: 8.5 mm
 Max. deflection: 1/200 on the span



Load tables metal sheet thickness 3 mm

Evenly distributed load (kN /m²)

Panel width	Panel height	Span (mm)								
		300	400	500	600	700	800	900	1000	1100
63	35	334.9	188.4	120.6	83.7	61.5	47.1	37.2	30.1	24.9
81	35	282.0	158.6	101.5	70.5	51.8	39.7	31.3	25.4	21.0
99	35	241.3	135.7	86.9	60.3	44.3	33.9	26.8	21.7	17.9
117	35	212.8	119.7	76.6	53.2	39.1	29.9	23.6	19.2	15.8
135	35	189.5	106.6	68.2	47.4	34.8	26.6	21.1	17.1	14.1
153	35	171.6	96.5	61.8	42.9	31.5	24.1	19.1	15.4	12.8
171	35	156.4	88.0	56.3	39.1	28.7	22.0	17.4	14.1	11.6
189	35	144.1	81.0	51.9	36.0	26.5	20.3	16.0	13.0	10.7
207	35	133.3	75.0	48.0	33.3	24.5	18.8	14.8	12.0	9.9
225	35	124.3	69.9	44.8	31.1	22.8	17.5	13.8	11.2	9.2
243	35	116.4	65.5	41.9	29.1	21.4	16.4	12.9	10.5	8.7
261	35	109.5	61.6	39.4	27.4	20.1	15.4	12.1	9.9	8.1
333	35	88.6	49.8	31.9	22.1	16.3	12.5	9.8	8.0	6.6

Panel width	Panel height	Span (mm)								
		1200	1300	1400	1500	1600	1700	1800	1900	2000
63	35	20.9	16.6	13.3	10.8	8.9	7.4	6.2	5.3	4.5
81	35	17.6	14.9	12.0	9.7	8.0	6.7	5.6	4.8	4.1
99	35	15.1	12.8	10.6	8.6	7.1	5.9	5.0	4.2	3.6
117	35	13.3	11.3	9.8	7.9	6.5	5.5	4.6	3.9	3.4
135	35	11.8	10.1	8.7	7.3	6.0	5.0	4.2	3.6	3.1
153	35	10.8	9.1	7.9	6.8	5.6	4.6	3.9	3.3	2.9
171	35	9.8	8.3	7.2	6.3	5.2	4.3	3.6	3.1	2.6
189	35	9.0	7.7	6.6	5.8	4.9	4.1	3.4	2.9	2.5
207	35	8.3	7.1	6.1	5.3	4.6	3.8	3.2	2.7	2.3
225	35	7.8	6.6	5.7	5.0	4.3	3.6	3.0	2.6	2.2
243	35	7.3	6.2	5.3	4.7	4.1	3.4	2.9	2.4	2.1
261	35	6.8	5.8	5.0	4.4	3.8	3.3	2.7	2.3	2.0
333	35	5.5	4.7	4.1	3.5	3.1	2.7	2.3	2.0	1.7

Point load on an area of 150 x 150 mm (kN)

Panel width	Panel height	Span (mm)													
		300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000
63	35	23.81	16.49	12.61	10.21	8.57	7.39	6.50	5.79	5.23	4.76	4.04	3.17	2.50	2.03
81	35	19.98	13.83	10.58	8.56	7.19	6.20	5.45	4.86	4.39	4.00	3.39	2.85	2.25	1.82
99	35	17.06	11.81	9.03	7.31	6.14	5.30	4.65	4.15	3.85	3.41	2.90	2.52	1.99	1.61
117	35	15.03	10.40	7.95	6.44	5.41	4.66	4.10	3.66	3.30	3.01	2.55	2.22	1.83	1.48
135	35	13.36	9.25	7.08	5.73	4.81	4.15	3.65	3.25	2.93	2.67	2.27	1.97	1.67	1.35
153	35	12.09	8.37	6.40	5.18	4.35	3.75	3.30	2.94	2.65	2.42	2.05	1.78	1.56	1.26
171	35	11.01	7.62	5.83	4.72	3.96	3.42	3.00	2.68	2.42	2.20	1.87	1.63	1.44	1.17
189	35	10.14	7.02	5.37	4.35	3.65	3.15	2.77	2.47	2.23	2.03	1.72	1.50	1.32	1.10
207	35	9.38	6.49	4.97	4.02	3.38	2.91	2.56	2.28	2.06	1.88	1.59	1.38	1.22	1.03
225	35	8.74	6.05	4.63	3.75	3.15	2.71	2.38	2.13	1.92	1.75	1.48	1.29	1.14	0.98
243	35	8.18	5.66	4.33	3.51	2.94	2.54	2.23	1.99	1.80	1.64	1.39	1.21	1.07	0.92
261	35	7.69	5.33	4.07	3.30	2.77	2.39	2.10	1.87	1.69	1.54	1.31	1.14	1.00	0.88
333	35	6.22	4.31	3.29	2.66	2.44	1.93	1.70	1.51	1.37	1.24	1.06	0.92	0.81	0.73

Point load on an area of 300 x 300 mm (kN)

Panel width	Panel height	Span (mm)													
		300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000
63	35	51.03	30.62	21.87	17.01	13.92	11.78	10.21	9.01	8.06	7.29	6.03	4.59	3.61	2.92
81	35	42.82	25.69	18.35	14.27	11.68	9.88	8.56	7.56	6.76	6.12	5.14	4.12	3.25	2.62
99	35	36.56	21.93	15.67	12.19	9.97	8.44	7.31	6.45	5.77	5.22	4.39	3.65	2.88	2.32
117	35	32.20	19.32	13.80	10.73	8.78	7.43	6.44	5.68	5.08	4.60	3.86	3.33	2.64	2.14
135	35	28.64	17.18	12.27	9.55	7.81	6.61	5.73	5.05	4.52	4.09	3.44	2.96	2.41	1.95
153	35	25.91	15.54	11.10	8.64	7.07	5.98	5.18	4.57	4.09	3.70	3.11	2.68	2.25	1.82
171	35	23.60	14.16	10.11	7.87	6.44	5.45	4.72	4.16	3.73	3.37	2.83	2.44	2.08	1.68
189	35	21.72	13.03	9.31	7.24	5.93	5.01	4.35	3.83	3.43	3.10	2.61	2.25	1.96	1.58
207	35	20.10	12.06	8.61	6.70	5.48	4.64	4.02	3.55	3.17	2.87	2.41	2.08	1.83	1.49
225	35	18.73	11.24	8.03	6.24	5.11	4.32	3.75	3.31	2.96	2.68	2.25	1.94	1.70	1.41
243	35	17.53	10.52	7.051	5.84	4.78	4.05	3.51	3.09	2.77	2.50	2.10	1.81	1.59	1.33
261	35	16.49	9.89	7.07	5.50	4.50	3.80	3.30	2.91	2.60	2.36	1.98	1.71	1.50	1.27
333	35	13.33	8.00	5.71	4.44	3.64	3.08	2.67	2.35	2.11	1.90	1.60	1.38	1.21	1.06