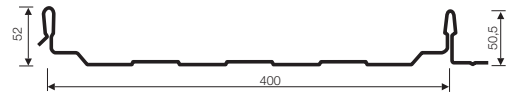


# FischerKLIPTEC – Load Tables

## Load Values **Mechanical Load**



Load tables as per DIN 18807, Section 2.

<b>Single-span support</b>																	
Sheet thickness t [mm]	Dead weight g [kN/m <sup>2</sup> ]	Permissible load q [kN/m <sup>2</sup> ] in span L [m]															
		1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50
0.63	0.077	6.06	5.01	4.21	3.59	3.09	2.69	nz	nz	nz	nz	nz	nz	nz	nz	nz	nz
0.75	0.092	8.63	7.13	5.99	5.11	4.40	3.84	3.37	2.99	2.66	2.35	2.02	1.74	1.51	1.33	1.17	1.03

<b>Double-span support</b>																	
Sheet thickness t [mm]	Dead weight g [kN/m <sup>2</sup> ]	Permissible load q [kN/m <sup>2</sup> ] in span L [m]															
		1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50
0.63	0.077	6.06	5.01	4.21	3.59	3.09	2.69	nz	nz	nz	nz	nz	nz	nz	nz	nz	nz
0.75	0.092	8.63	7.13	5.99	5.11	4.40	3.84	3.37	2.99	2.66	2.39	2.16	1.96	1.78	1.63	1.50	1.38

<b>Triple-span support</b>																	
Sheet thickness t [mm]	Dead weight g [kN/m <sup>2</sup> ]	Permissible load q [kN/m <sup>2</sup> ] in span L [m]															
		1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50
0.63	0.077	6.17	5.53	4.68	4.00	3.46	3.03	nz	nz	nz	nz	nz	nz	nz	nz	nz	nz
0.75	0.092	8.81	8.01	6.78	5.79	5.01	4.37	3.85	3.42	3.05	2.74	2.48	2.25	2.05	1.88	1.73	1.60

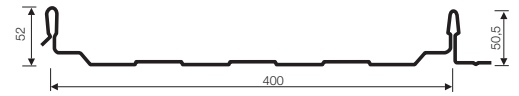
Permissible load with deflection of  $f \geq L/150$

nz → not permissible

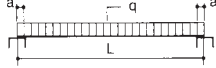
Unsupported FischerKLIPTEC elements may only be walked on with load-distributing measures in place (e.g. wooden planks 24/4 cm, length 3 m).

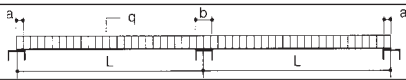
Profile projection over the internal edge of the end support must be at least 100 mm.


## Load Values **Wind Suction/Uplifting**



Load tables as per DIN 18807, Section 2.

<b>Single-span support</b>																	
Sheet thickness $t$ [mm]	Dead weight $g$ [kN/m <sup>2</sup> ]	Permissible load $q$ [kN/m <sup>2</sup> ] in span $L$ [m]															
		1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50
0.63	0.077	4.95	4.09	3.43	2.93	2.52	2.20	nz	nz	nz	nz	nz	nz	nz	nz	nz	nz
0.75	0.092	7.08	5.85	4.92	4.19	3.61	3.15	2.77	2.41	2.03	1.72	1.48	1.28	1.11	0.97	0.86	0.76

<b>Double-span support</b>																	
Sheet thickness $t$ [mm]	Dead weight $g$ [kN/m <sup>2</sup> ]	Permissible load $q$ [kN/m <sup>2</sup> ] in span $L$ [m]															
		1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50
0.63	0.077	2.64	2.23	1.90	1.64	1.44	1.26	nz	nz	nz	nz	nz	nz	nz	nz	nz	nz
0.75	0.092	4.01	3.36	2.86	2.46	2.14	1.88	1.66	1.48	1.33	1.20	1.09	0.99	0.91	0.83	0.77	0.71

<b>Triple-span support</b>																	
Sheet thickness $t$ [mm]	Dead weight $g$ [kN/m <sup>2</sup> ]	Permissible load $q$ [kN/m <sup>2</sup> ] in span $L$ [m]															
		1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50
0.63	0.077	3.20	2.73	2.34	2.02	1.77	1.56	nz	nz	nz	nz	nz	nz	nz	nz	nz	nz
0.75	0.092	4.57	4.14	3.52	3.04	2.64	2.32	2.06	1.83	1.65	1.49	1.35	1.23	1.12	1.03	0.95	0.88

In addition, proof of the fastening connections must be provided. Smaller permissible spans could result from this.  
 nz → not permissible

Profile projection over the internal edge of the end support must be at least 100 mm.