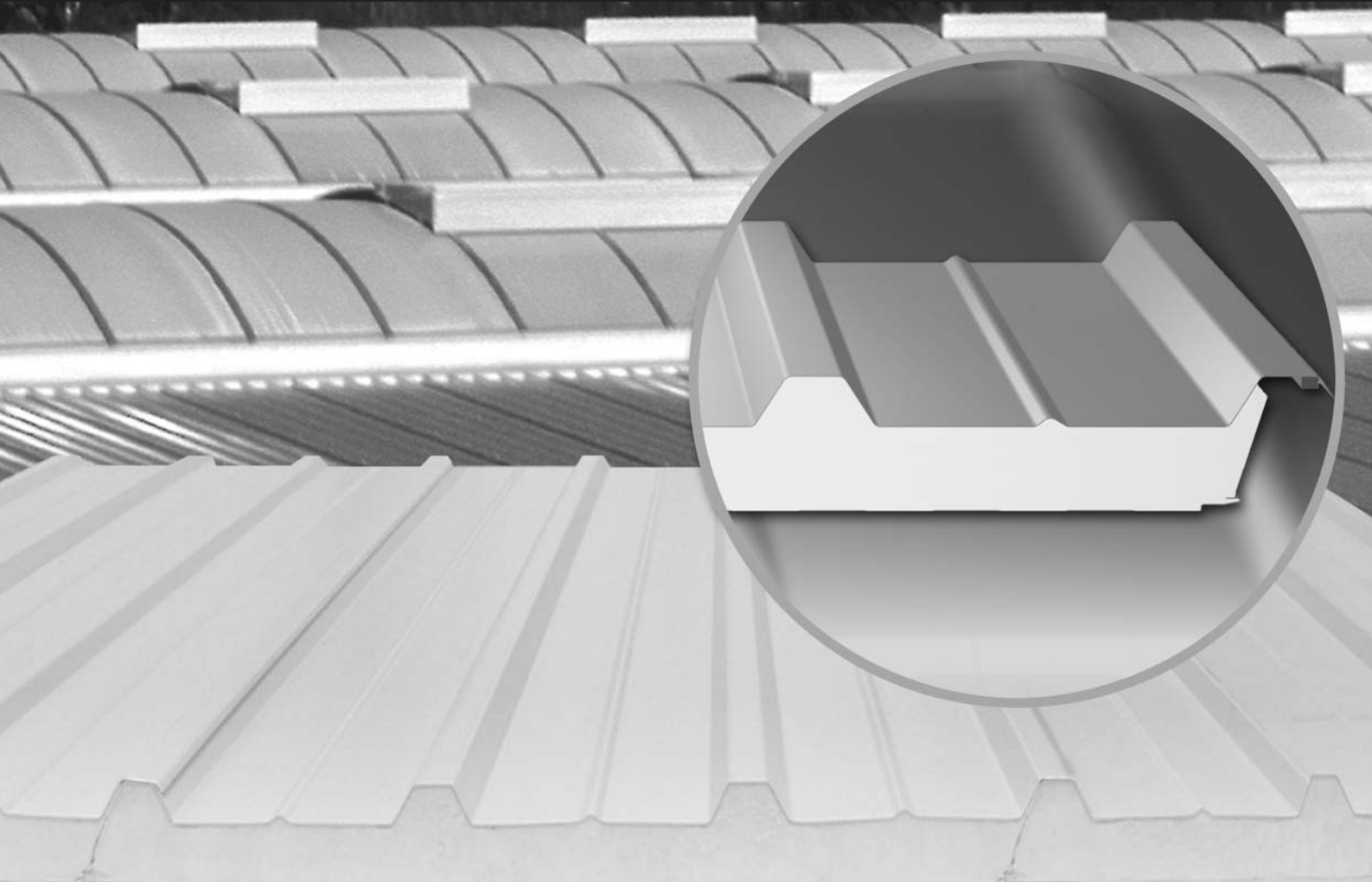


Load tables Hoesch Thermodach

Info 4.2.4 GB

ThyssenKrupp Bausysteme GmbH, Hammerstrasse 11, D-57223 Kreuztal,
Phone: +49 / 27 32 / 599 1 221, Fax: +49 / 27 32 / 599 1 219, export. tks-bau@thyssenkrupp.com, www.tks-bau.com



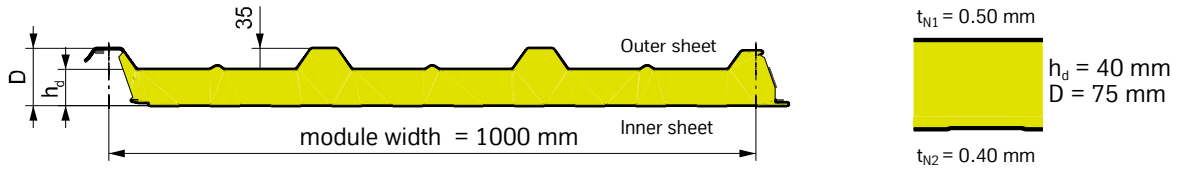
A company
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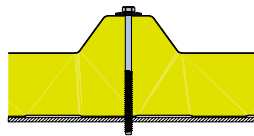


ThyssenKrupp

Load tables for preliminary design



Type of fixing



End support: screws with washer $d \geq 16$ mm
characteristic tensile force $F_z, k(b_A) = 2.0$ kN/screw

Intermediate support: screws with washer $d \geq 16$ mm
characteristic tensile force $F_z, k(b_B) = 2.0$ kN/screw

The connection screw / supporting structure must be calculated separately!

Line b_A : Minimum end support width b_A in [mm] for the relevant permissible snow load

Line b_B : Minimum intermediate support width b_B in [mm] for the relevant permissible snow load

Line n_A : Number of screws per meter at the end support for the relevant permissible wind-suction load

Line n_B : Number of screws per meter at the intermediate support for the relevant permissible wind-suction load

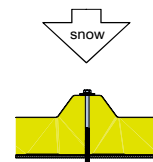
Lines CG I, CG II, CG III: Permissible load in [kN/m²] with due consideration of the deflection restriction $\max f = L/150$ (characteristic value of load, without safety factor). The following temperature differences between the cover sheets have been taken into consideration for secondary loads in the cover sheets, in accordance with the general approval issued by the building inspection authorities:

Season	Color Group	$t_{\text{outdoor}} - t_{\text{indoor}}$
summer	I / II / III	+30 / +40 / +55 °C
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Please note the maximum length supplied, especially in the case of multi-span girders.

Load tables for snow

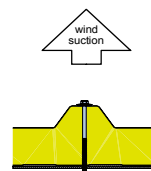


Single-span girder, permissible snow load perm. q_s [kN/m ²]																
Span L [m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00			
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40			
CG I-III	4.58	3.64	2.92	2.33	1.91	1.60	1.36	1.08	0.86	0.70	0.56					
$b_A \leq 60$ [mm]	48	42	40	40	40	40	40	40	40	40	40					
CG I-III	5.49	3.86	2.92	2.33	1.91	1.60	1.36	1.08	0.86	0.70	0.56					

Two-span girder, permissible snow load perm. q_s [kN/m ²]																
Span L [m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00			
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40			
CG I-III	3.41	2.71	2.24	1.91	1.66	1.46	1.30	1.17	1.01	0.88	0.77	0.68	0.60			
$b_B = 60$ [mm]	60	60	60	60	60	60	60	60	60	60	60	60	60			
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40			
CG I-III	4.59	3.65	2.92	2.33	1.91	1.60	1.36	1.17	1.01	0.88	0.77	0.68	0.60			
$b_B \leq 80$ [mm]	80	80	77	73	69	65	62	60	60	60	60	60	60			
$b_A \leq 60$ [mm]	48	42	40	40	40	40	40	40	40	40	40	40	40			
CG I-III	5.48	3.85	2.92	2.33	1.91	1.60	1.36	1.17	1.01	0.88	0.77	0.68	0.60			
$b_B \leq 100$ [mm]	95	84	77	73	69	65	62	60	60	60	60	60	60			

Three-span girder, permissible snow load perm. q_s [kN/m ²]																
Span L [m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00			
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40			
CG I-III	3.41	2.71	2.24	1.91	1.66	1.46	1.30	1.17	1.01	0.88	0.77	0.68	0.60			
$b_B = 60$ [mm]	60	60	60	60	60	60	60	60	60	60	60	60	60			
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40			
CG I-III	4.59	3.65	2.92	2.33	1.91	1.60	1.36	1.17	1.01	0.88	0.77	0.68	0.60			
$b_B \leq 80$ [mm]	80	80	77	73	69	65	62	60	60	60	60	60	60			
$b_A \leq 60$ [mm]	48	42	40	40	40	40	40	40	40	40	40	40	40			
CG I-III	5.49	3.86	2.92	2.33	1.91	1.60	1.36	1.17	1.01	0.88	0.77	0.68	0.60			
$b_B \leq 100$ [mm]	95	84	77	73	69	65	62	60	60	60	60	60	60			

Load tables for wind suction



Single-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00			
η_A	4	4	3	3	3	3	3	3	3	3	3					
CG I-III	6.65	4.89	3.87	3.18	2.70	2.22	1.77	1.45	1.10	0.82	0.61					

Two-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00			
η_A	3	3	3	3	3	3	3	3	3	3	3	3	3			
CG I-III	5.01	4.04	3.38	2.91	2.55	2.23	1.77	1.45	1.21	1.04	0.90	0.79	0.70			
η_B	6	6	6	6	6	6	6	5	5	4	4	4	4			

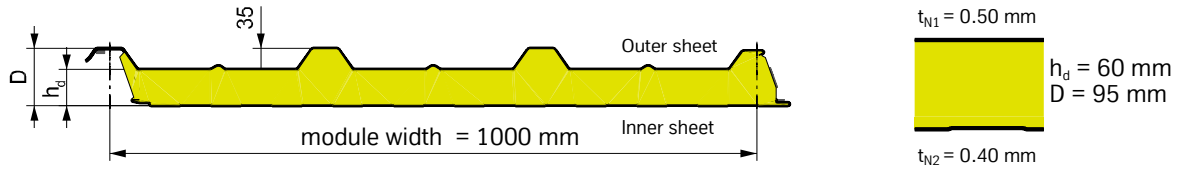
Three-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00			
η_A	3	3	3	3	3	3	3	3	3	3	3	3	3			
CG I-III	5.58	4.48	3.75	3.19	2.70	2.22	1.77	1.45	1.21	1.04	0.90	0.79	0.70			
η_B	6	6	6	6	6	6	5	5	4	4	4	3	3			

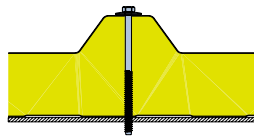
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Load tables for preliminary design



Type of fixing



End support:

screws with washer $d \geq 16$ mm
characteristic tensile force $F_z, k(b_A) = 2.0$ kN/screw

Intermediate support:

screws with washer $d \geq 16$ mm
characteristic tensile force $F_z, k(b_B) = 2.0$ kN/screw

The connection screw / supporting structure must be calculated separately!

Line b_A : Minimum end support width b_A in [mm] for the relevant permissible snow load

Line b_B : Minimum intermediate support width b_B in [mm] for the relevant permissible snow load

Line n_A : Number of screws per meter at the end support for the relevant permissible wind-suction load

Line n_B : Number of screws per meter at the intermediate support for the relevant permissible wind-suction load

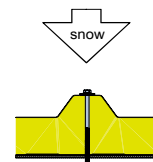
Lines CG I, CG II, CG III: Permissible load in [kN/m²] with due consideration of the deflection restriction $\max f = L/150$ (characteristic value of load, without safety factor). The following temperature differences between the cover sheets have been taken into consideration for secondary loads in the cover sheets, in accordance with the general approval issued by the building inspection authorities:

Season	Color Group	$t_{\text{outdoor}} - t_{\text{indoor}}$
summer	I / II / III	+30 / +40 / +55 °C
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The tables do not replace the structural analysis required for execution of the constructional work. The permissible snow/wind loads in specified [kN/m²] have been determined in accordance with the provisions of official approval no. Z-10.4-345 issued by the German building inspection authorities. The load tables contain both load and material safety factors.

Please note the maximum length supplied, especially in the case of multi-span girders.

Load tables for snow

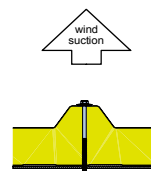


Single-span girder, permissible snow load perm. q_s [kN/m ²]																	
Span L [m]	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40				
CG I-III	4.57	3.64	3.02	2.56	2.23	1.97	1.76	1.48	1.22	1.01	0.85	0.71	0.60				
$b_A \leq 60$ [mm]	54	50	48	46	45	44	41	40	40	40	40	40	40				
CG I-III	6.26	4.59	3.62	2.98	2.52	2.17	1.82	1.48	1.22	1.01	0.85	0.71	0.60				

Two-span girder, permissible snow load perm. q_s [kN/m ²]																	
Span L [m]	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
CG I-III	3.40	2.70	2.23	1.90	1.65	1.45	1.30	1.17	1.06	0.97	0.89	0.80	0.71	0.64	0.57		
$b_B = 60$ [mm]	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60		
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
CG I-III	4.58	3.64	3.01	2.57	2.23	1.96	1.63	1.38	1.19	1.04	0.91	0.80	0.71	0.64	0.57		
$b_B \leq 80$ [mm]	80	80	80	80	80	79	74	70	67	64	61	60	60	60	60		
$b_A \leq 60$ [mm]	54	50	48	46	43	40	40	40	40	40	40	40	40	40	40		
CG I-III	6.26	4.59	3.62	2.98	2.39	1.96	1.63	1.38	1.19	1.04	0.91	0.80	0.71	0.64	0.57		
$b_B \leq 125$ [mm]	109	100	96	92	86	79	74	70	67	64	61	60	60	60	60		

Three-span girder, permissible snow load perm. q_s [kN/m ²]																	
Span L [m]	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	3.40	2.70	2.23	1.90	1.65	1.45	1.30	1.17	1.06	0.97	0.89	0.83	0.77	0.72	0.67	0.63	0.54
$b_B = 60$ [mm]	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	4.58	3.64	3.01	2.57	2.23	1.97	1.76	1.59	1.44	1.26	1.11	0.99	0.88	0.79	0.71	0.65	0.54
$b_B \leq 80$ [mm]	80	80	80	80	80	80	80	80	80	76	73	70	68	66	63	62	60
$b_A \leq 60$ [mm]	54	50	48	46	45	44	43	42	40	40	40	40	40	40	40	40	40
CG I-III	6.27	4.59	3.62	2.98	2.53	2.17	1.90	1.66	1.44	1.26	1.11	0.99	0.88	0.79	0.71	0.65	0.54
$b_B \leq 125$ [mm]	109	100	96	92	90	88	86	83	80	76	73	70	68	66	63	62	60

Load tables for wind suction



Single-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	
η_A	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	
CG I-III	7.51	5.72	4.65	3.94	3.42	2.93	2.34	1.92	1.61	1.38	1.19	1.05	0.86	0.69	0.56	0.46	0.37	

Two-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	
η_A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
CG I-III	5.08	4.10	3.44	2.95	2.59	2.31	2.08	1.90	1.61	1.38	1.19	1.05	0.93	0.83	0.75	0.68	0.63	
η_B	6	6	6	6	6	6	6	6	6	6	5	5	5	4	4	4	4	

Three-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	
η_A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
CG I-III	5.60	4.50	3.77	3.24	2.85	2.54	2.29	1.92	1.61	1.38	1.19	1.05	0.93	0.83	0.75	0.68	0.63	
η_B	6	6	6	6	6	6	6	6	5	5	5	4	4	4	4	4	3	

ThyssenKrupp Bausysteme GmbH

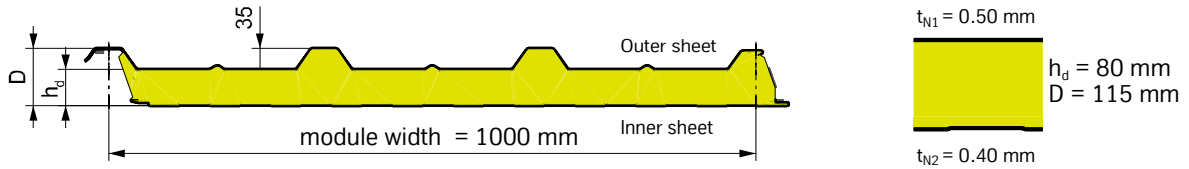
Hammerstraße 11 · D-57223 Kreuztal

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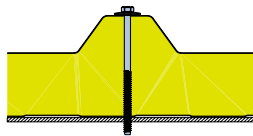
e-mail: export.tks-bau@thyssenkrupp.com · Internet: www.tks-bau.com



Load tables for preliminary design



Type of fixing



End support: screws with washer $d \geq 16$ mm
characteristic tensile force $F_z, k(b_A) = 2.0$ kN/screw

Intermediate support: screws with washer $d \geq 16$ mm
characteristic tensile force $F_z, k(b_B) = 2.0$ kN/screw

The connection screw / supporting structure must be calculated separately!

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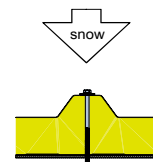
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Load tables for snow

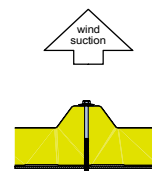


Single-span girder, permissible snow load perm. q_s [kN/m ²]																			
Span L [m]	1.00	1.25	1.50	1.75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4.25	4.50	4.75	5.00	5.25	5.50
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40			
CG I-III	4.57	3.63	3.00	2.56	2.22	1.96	1.75	1.58	1.44	1.32	1.15	0.98	0.85	0.73	0.63	0.54			
$b_A \leq 60$ [mm]	60	58	57	56	56	56	51	47	44	41	40	40	40	40	40	40			
CG I-III	6.90	5.34	4.33	3.66	3.17	2.78	2.29	1.90	1.59	1.35	1.15	0.98	0.85	0.73	0.63	0.54			
$b_A \leq 80$ [mm]	61	58	57	56	56	56	51	47	44	41	40	40	40	40	40	40			
CG I-III	7.05	5.34	4.33	3.66	3.17	2.78	2.29	1.90	1.59	1.35	1.15	0.98	0.85	0.73	0.63	0.54			

Two-span girder, permissible snow load perm. q_s [kN/m ²]																			
Span L [m]	1.00	1.25	1.50	1.75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4.25	4.50	4.75	5.00	5.25	5.50
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
CG I-III	3.40	2.69	2.22	1.89	1.64	1.44	1.29	1.16	1.05	0.96	0.88	0.82	0.76	0.71	0.66	0.60	0.54		
$b_B = 60$ [mm]	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60		
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
CG I-III	4.57	3.63	3.01	2.56	2.22	1.96	1.76	1.54	1.33	1.16	1.03	0.91	0.82	0.73	0.66	0.60	0.54		
$b_B \leq 80$ [mm]	80	80	80	80	80	80	80	78	74	71	69	66	64	62	60	60	60		
$b_A \leq 80$ [mm]	61	58	56	50	46	43	41	40	40	40	40	40	40	40	40	40	40		
CG I-III	7.05	5.34	4.22	3.25	2.60	2.14	1.80	1.54	1.33	1.16	1.03	0.91	0.82	0.73	0.66	0.60	0.54		
$b_B \leq 125$ [mm]	122	116	111	101	93	87	82	78	74	71	69	66	64	62	60	60	60		

Three-span girder, permissible snow load perm. q_s [kN/m ²]																			
Span L [m]	1.00	1.25	1.50	1.75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4.25	4.50	4.75	5.00	5.25	5.50
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	3.39	2.69	2.22	1.89	1.64	1.44	1.29	1.16	1.05	0.96	0.88	0.82	0.76	0.71	0.66	0.62	0.58	0.55	0.52
$b_B = 60$ [mm]	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	4.56	3.63	3.00	2.56	2.22	1.96	1.75	1.58	1.44	1.32	1.22	1.10	0.99	0.89	0.81	0.74	0.67	0.62	0.57
$b_B \leq 80$ [mm]	80	80	80	80	80	80	80	80	80	80	80	78	76	73	71	69	68	66	64
$b_A \leq 80$ [mm]	61	58	57	56	54	51	48	46	44	42	40	40	40	40	40	40	40	40	40
CG I-III	7.05	5.34	4.34	3.66	3.07	2.52	2.12	1.82	1.58	1.39	1.23	1.10	0.99	0.89	0.81	0.74	0.67	0.62	0.57
$b_B \leq 125$ [mm]	122	117	114	113	109	102	96	91	87	84	81	78	76	73	71	69	68	66	64

Load tables for wind suction



Single-span girder, permissible wind suction load perm. q_{ws} [kN/m ²]																			
Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50
η_A	5	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3			
CG I-III	8.35	6.53	5.44	4.70	4.15	3.64	2.92	2.40	2.02	1.72	1.49	1.31	1.16	1.04	0.94	0.85			

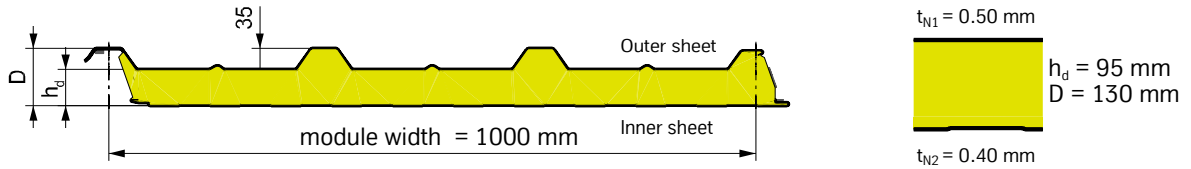
Two-span girder, permissible wind suction load perm. q_{ws} [kN/m ²]																			
Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50
η_A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
CG I-III	5.14	4.15	3.48	3.00	2.63	2.34	2.11	1.92	1.76	1.63	1.49	1.31	1.16	1.04	0.94	0.85	0.78		
η_B	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5		

Three-span girder, permissible wind suction load perm. q_{ws} [kN/m ²]																			
Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50
η_A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CG I-III	5.63	4.53	3.79	3.26	2.86	2.55	2.31	2.10	1.93	1.72	1.49	1.31	1.16	1.04	0.94	0.85	0.78	0.71	0.66
η_B	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	4	4	4	4

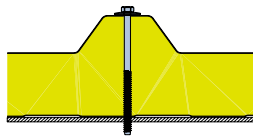
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Load tables for preliminary design



Type of fixing



End support: screws with washer $d \geq 16$ mm
characteristic tensile force $F_z, k(b_A) = 2.0$ kN/screw

Intermediate support: screws with washer $d \geq 16$ mm
characteristic tensile force $F_z, k(b_B) = 2.0$ kN/screw

The connection screw / supporting structure must be calculated separately!

Line b_A : Minimum end support width b_A in [mm] for the relevant permissible snow load

Line b_B : Minimum intermediate support width b_B in [mm] for the relevant permissible snow load

Line n_A : Number of screws per meter at the end support for the relevant permissible wind-suction load

Line n_B : Number of screws per meter at the intermediate support for the relevant permissible wind-suction load

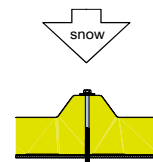
Lines CG I, CG II, CG III: Permissible load in [kN/m²] with due consideration of the deflection restriction $\max f = L/150$ (characteristic value of load, without safety factor). The following temperature differences between the cover sheets have been taken into consideration for secondary loads in the cover sheets, in accordance with the general approval issued by the building inspection authorities:

Season	Color Group	$t_{\text{outdoor}} - t_{\text{indoor}}$
summer	I / II / III	+30 / +40 / +55 °C
winter	all	-40 °C

The tables do not replace the structural analysis required for execution of the constructional work. The permissible snow/wind loads in specified [kN/m²] have been determined in accordance with the provisions of official approval no. Z-10.4-345 issued by the German building inspection authorities. The load tables contain both load and material safety factors.

Please note the maximum length supplied, especially in the case of multi-span girders.

Load tables for snow

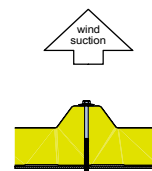


Single-span girder, permissible snow load perm. q_s [kN/m ²]																			
Span L [m]	1.00	1.25	1.50	1.75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4.25	4.50	4.75	5.00	5.25	5.50
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	4.56	3.63	3.00	2.56	2.22	1.96	1.75	1.58	1.44	1.32	1.22	1.13	1.05	0.95	0.83	0.73	0.64	0.56	0.49
$b_B \leq 60$ [mm]	60	60	60	60	60	60	60	56	53	49	46	44	41	40	40	40	40	40	40
CG I-III	6.91	5.50	4.56	3.89	3.39	3.00	2.69	2.28	1.94	1.66	1.43	1.25	1.08	0.95	0.83	0.73	0.64	0.56	0.49
$b_A \leq 80$ [mm]	67	65	65	65	65	65	61	56	53	49	46	44	41	40	40	40	40	40	40
CG I-III	7.69	5.95	4.92	4.23	3.71	3.29	2.71	2.28	1.94	1.66	1.43	1.25	1.08	0.95	0.83	0.73	0.64	0.56	0.49

Two-span girder, permissible snow load perm. q_s [kN/m ²]																			
Span L [m]	1.00	1.25	1.50	1.75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4.25	4.50	4.75	5.00	5.25	5.50
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	3.39	2.69	2.22	1.89	1.64	1.44	1.28	1.16	1.05	0.96	0.88	0.82	0.76	0.71	0.66	0.62	0.58	0.55	0.52
$b_B = 60$ [mm]	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	4.57	3.63	3.00	2.56	2.22	1.96	1.75	1.58	1.44	1.27	1.13	1.01	0.91	0.82	0.74	0.67	0.62	0.56	0.52
$b_B \leq 80$ [mm]	80	80	80	80	80	80	80	80	80	77	75	72	70	68	66	64	63	61	60
$b_A \leq 80$ [mm]	62	62	58	53	50	47	44	42	40	40	40	40	40	40	40	40	40	40	40
CG I-III	7.20	5.73	4.45	3.45	2.78	2.30	1.95	1.67	1.45	1.27	1.13	1.01	0.91	0.82	0.74	0.67	0.62	0.56	0.52
$b_B \leq 125$ [mm]	125	125	117	107	99	93	88	84	81	77	75	72	70	68	66	64	63	61	60

Three-span girder, permissible snow load perm. q_s [kN/m ²]																			
Span L [m]	1.00	1.25	1.50	1.75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4.25	4.50	4.75	5.00	5.25	5.50
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	3.39	2.69	2.22	1.89	1.64	1.44	1.28	1.16	1.05	0.96	0.88	0.82	0.76	0.71	0.66	0.62	0.58	0.55	0.52
$b_B = 60$ [mm]	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
$b_A = 40$ [mm]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
CG I-III	4.56	3.63	3.00	2.56	2.22	1.96	1.75	1.58	1.44	1.32	1.22	1.13	1.05	0.98	0.89	0.81	0.75	0.69	0.63
$b_B \leq 80$ [mm]	80	80	80	80	80	80	80	80	80	80	80	80	80	80	78	76	74	72	71
$b_A \leq 80$ [mm]	63	62	63	62	57	54	51	49	47	45	43	42	41	40	40	40	40	40	40
CG I-III	7.20	5.73	4.76	4.02	3.23	2.68	2.26	1.95	1.70	1.50	1.33	1.19	1.08	0.98	0.89	0.81	0.75	0.69	0.63
$b_B \leq 125$ [mm]	125	125	125	124	114	107	102	97	93	90	87	84	82	80	78	76	74	72	71

Load tables for wind suction



Single-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50
η_A	5	5	5	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3
CG I-III	8.97	7.14	6.04	5.28	4.70	4.18	3.36	2.77	2.32	1.98	1.72	1.51	1.33	1.19	1.08	0.98	0.89	0.82	0.76

Two-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50
η_A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CG I-III	5.18	4.19	3.52	3.03	2.65	2.36	2.13	1.94	1.78	1.65	1.53	1.43	1.34	1.19	1.08	0.98	0.89	0.82	0.76
η_B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5

Three-span girder, permissible wind suction load perm. q_{ws} [kN/m²]

Span L[m]	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50
η_A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CG I-III	5.65	4.54	3.80	3.27	2.87	2.56	2.31	2.11	1.94	1.80	1.68	1.51	1.33	1.19	1.08	0.98	0.89	0.82	0.76
η_B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	4

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