

Sandwich panels

Load tables for Ruukki AgriPro™ panels

Optimized PU panel for agricultural applications. Check out a new optimized PU panel for walls and roofs from Ruukki. This is an ideal solution for agricultural buildings and other applications of smaller halls for various purposes such as storage. The panel is a perfect solution when functionality and easy maintenance is a key.

Product application

- agricultural buildings
- storehouse halls
- warehouses

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• **Maximum allowed load [kN/m²] for span length Ruukki SP2B 60 Ag RiPRo**

Table 1

External facing thickness: 0.40 mm
 internal facing thickness: 0.40 mm
 External temperature: +55 °C; +65 °C; +80 °C/-20 °C (summer/winter)
 internal temperature: +20 °C/+20 °C (summer/winter)
 Min. end support width: 40 mm
 Min. intermediate support width: 60 mm
 Min. number of fasteners at end support: 2 or 3

Min. number of fasteners at intermediate support: 3 or 4
 SLS – Serviceability Limit State
 ULS 2/0 – Ultimate Limit State; 2 fasteners at the end support
 ULS 3/0 – Ultimate Limit State; 3 fasteners at the end support
 ULS 2/3 – Ultimate Limit State; 2 fasteners at the end support / 3 fasteners at intermediate support
 ULS 2/4 – Ultimate Limit State; 2 fasteners at the end support / 4 fasteners at intermediate support

Static scheme	Colour group	Criterion	Span length [m]																									
			Wind pressure													Wind suction												
			1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50		
Single span	i	ULS 3/0	6.49	4.28	3.20	2.55	1.97	1.44	1.11	0.87	0.71	0.59	0.49	0.42	6.49	4.29	3.20	2.56	2.13	1.79	1.36	1.08	0.87	0.73	0.61	0.52		
		ULS 2/0	6.49	4.28	3.20	2.55	1.97	1.44	1.11	0.87	0.71	0.59	0.49	0.42	6.49	4.29	3.20	2.56	2.13	1.79	1.36	1.08	0.87	0.73	0.61	0.52		
		L/100	10.34	6.19	4.06	2.79	1.99	1.46	1.09	0.81	0.60	0.46	0.34	0.25	10.34	6.19	4.06	2.80	1.99	1.45	1.09	0.83	0.63	0.48	0.38	0.29		
		SLS L/150	6.89	4.12	2.70	1.87	1.29	0.88	0.62	0.39	0.23	0.12	0.06	0.00	6.89	4.12	2.70	1.86	1.32	0.93	0.66	0.47	0.33	0.21	0.12	0.07		
		L/200	5.17	3.09	2.03	1.30	0.84	0.47	0.23	0.08	0.00	0.00	0.00	0.00	5.17	3.09	2.03	1.36	0.90	0.61	0.35	0.19	0.00	0.00	0.00	0.00		
Two span	i	ULS 2/4	5.48	3.65	2.74	2.19	1.71	1.09	0.72	0.51	0.38	0.29	0.23	0.20	5.80	3.65	2.65	2.00	1.00	0.57	0.36	0.23	0.16	0.12	0.09	0.07		
		ULS 2/3	5.48	3.65	2.74	2.19	1.71	1.09	0.72	0.51	0.38	0.29	0.23	0.20	4.24	2.65	1.90	1.50	1.01	0.57	0.36	0.24	0.16	0.12	0.09	0.07		
		L/100	10.48	6.48	4.49	3.30	2.52	1.98	1.58	1.28	1.05	0.87	0.72	0.61	10.48	6.49	4.49	3.31	2.53	1.98	1.58	1.27	1.05	0.86	0.72	0.61		
		SLS L/150	6.98	4.32	2.99	2.21	1.68	1.32	1.05	0.85	0.70	0.57	0.48	0.40	6.98	4.33	3.00	2.20	1.68	1.32	1.05	0.85	0.70	0.58	0.48	0.41		
		L/200	5.24	3.24	2.25	1.65	1.26	0.99	0.79	0.64	0.52	0.43	0.36	0.30	5.24	3.24	2.24	1.65	1.26	0.99	0.79	0.64	0.53	0.44	0.37	0.30		
Multi span	i	ULS 2/4	5.48	3.65	2.74	2.19	1.83	1.30	0.96	0.74	0.59	0.48	0.40	0.35	6.06	3.98	2.97	2.00	1.20	0.80	0.57	0.42	0.33	0.27	0.22	0.18		
		ULS 2/3	5.48	3.65	2.74	2.19	1.83	1.30	0.96	0.74	0.59	0.48	0.40	0.35	4.48	2.94	2.18	1.75	1.20	0.79	0.57	0.43	0.33	0.27	0.22	0.18		
		L/100	10.54	6.56	4.53	3.30	2.49	1.92	1.50	1.19	0.96	0.79	0.64	0.53	10.54	6.56	4.53	3.31	2.49	1.92	1.50	1.19	0.96	0.78	0.65	0.54		
		SLS L/150	7.03	4.37	3.02	2.20	1.67	1.28	1.00	0.80	0.64	0.52	0.43	0.35	7.03	4.37	3.02	2.20	1.66	1.28	1.00	0.79	0.64	0.52	0.43	0.36		
		L/200	5.27	3.28	2.27	1.65	1.24	0.96	0.75	0.59	0.47	0.37	0.29	0.24	5.27	3.28	2.27	1.65	1.25	0.96	0.75	0.61	0.49	0.39	0.32	0.25		

• **Maximum allowed load [kN/m²] for span length Ruukki SP2B 80 Ag RiPRo**

Table 2

External facing thickness: 0.40 mm
 internal facing thickness: 0.40 mm
 External temperature: +55 °C; +65 °C; +80 °C/-20 °C (summer/winter)
 internal temperature: +20 °C/+20 °C (summer/winter)
 Min. end support width: 40 mm
 Min. intermediate support width: 60 mm
 Min. number of fasteners at end support: 2 or 3

Min. number of fasteners at intermediate support: 3 or 4
 SLS – Serviceability Limit State
 ULS 2/0 – Ultimate Limit State; 2 fasteners at the end support
 ULS 3/0 – Ultimate Limit State; 3 fasteners at the end support
 ULS 2/3 – Ultimate Limit State; 2 fasteners at the end support / 3 fasteners at intermediate support
 ULS 2/4 – Ultimate Limit State; 2 fasteners at the end support / 4 fasteners at intermediate support

Static scheme	Colour group	Criterion	Span length [m]																									
			Wind pressure													Wind suction												
			1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50		
Single span	i	ULS 3/0	7.32	4.88	3.66	2.93	2.44	1.94	1.49	1.18	0.96	0.79	0.66	0.57	8.71	5.75	4.29	3.43	2.85	2.39	1.83	1.44	1.17	0.97	0.81	0.69		
		ULS 2/0	7.32	4.88	3.66	2.93	2.44	1.94	1.49	1.18	0.96	0.79	0.66	0.57	8.71	5.75	4.29	3.43	2.85	2.39	1.83	1.44	1.17	0.97	0.81	0.69		
		L/100	14.19	8.70	5.87	4.16	3.03	2.27	1.73	1.34	1.06	0.85	0.67	0.53	14.19	8.70	5.86	4.15	3.04	2.28	1.74	1.34	1.06	0.85	0.68	0.56		
		SLS L/150	9.46	5.81	3.91	2.76	2.02	1.51	1.13	0.84	0.63	0.47	0.33	0.22	9.46	5.80	3.91	2.78	2.02	1.52	1.16	0.88	0.66	0.51	0.39	0.30		
		L/200	7.09	4.35	2.93	2.07	1.47	1.03	0.74	0.48	0.29	0.16	0.07	0.01	7.09	4.35	2.93	2.08	1.52	1.09	0.78	0.57	0.39	0.26	0.16	0.09		
Two span	i	ULS 2/4	6.09	4.06	3.04	2.44	2.01	1.67	1.13	0.79	0.58	0.44	0.35	0.28	5.89	3.69	2.66	2.07	1.70	0.98	0.60	0.39	0.27	0.19	0.15	0.11		
		ULS 2/3	6.09	4.06	3.04	2.44	2.01	1.67	1.13	0.79	0.58	0.44	0.35	0.28	4.24	2.63	1.90	1.47	1.22	0.98	0.60	0.39	0.27	0.19	0.15	0.11		
		L/100	14.30	8.97	6.29	4.69	3.64	2.89	2.34	1.92	1.60	1.34	1.13	0.96	14.30	8.97	6.29	4.69	3.64	2.90	2.34	1.92	1.60	1.33	1.13	0.96		
		SLS L/150	9.53	5.98	4.20	3.13	2.42	1.93	1.56	1.28	1.06	0.89	0.76	0.64	9.54	5.98	4.19	3.13	2.42	1.93	1.56	1.28	1.06	0.89	0.75	0.64		
		L/200	7.16	4.49	3.15	2.34	1.82	1.44	1.17	0.96	0.80	0.67	0.57	0.48	7.15	4.48	3.15	2.35	1.82	1.45	1.17	0.96	0.80	0.67	0.57	0.48		
Multi span	i	ULS 2/4	6.09	4.06	3.04	2.44	2.03	1.74	1.34	1.03	0.81	0.66	0.55	0.46	6.11	3.99	2.94	2.35	1.80	1.17	0.82	0.61	0.47	0.37	0.30	0.25		
		ULS 2/3	6.09	4.06	3.04	2.44	2.03	1.74	1.34	1.03	0.81	0.66	0.55	0.46	4.44	2.90	2.14	1.72	1.44	1.17	0.82	0.61	0.47	0.37	0.31	0.25		
		L/100	14.37	9.06	6.36	4.73	3.63	2.85	2.27	1.84	1.50	1.24	1.03	0.87	14.37	9.06	6.36	4.73	3.63	2.85	2.27	1.84	1.50	1.24	1.03	0.87		
		SLS L/150	9.58	6.04	4.24	3.15	2.42	1.90	1.52	1.23	1.01	0.83	0.69	0.58	9.58	6.04	4.24	3.15	2.42	1.90	1.52	1.22	1.00	0.83	0.69	0.58		
		L/200	7.19	4.53	3.18	2.36	1.81	1.42	1.14	0.92	0.75	0.62	0.52	0.44	7.18	4.53	3.18	2.37	1.82	1.42	1.13	0.92	0.75	0.62	0.52	0.43		

• **Maximum allowed load [kN/m²] for span length Ruukki SP2B 100 Ag RiPro**

Table 3

External facing thickness: 0.40 mm
 internal facing thickness: 0.40 mm
 External temperature: +55 °C; +65 °C; +80 °C/-20 °C (summer/winter)
 internal temperature: +20 °C/+20 °C (summer/winter)
 Min. end support width: 40 mm
 Min. intermediate support width: 60 mm
 Min. number of fasteners at end support: 2 or 3
 Min. number of fasteners at intermediate support: 3 or 4

SLS – Serviceability Limit State
 ULS 2/0 – Ultimate Limit State; 2 fasteners at the end support
 ULS 3/0 – Ultimate Limit State; 3 fasteners at the end support
 ULS 2/3 – Ultimate Limit State; 2 fasteners at the end support / 3 fasteners at intermediate support
 ULS 2/4 – Ultimate Limit State; 2 fasteners at the end support / 4 fasteners at intermediate support

Static scheme	Colour group	Criterion	Span length [m]																							
			Wind pressure												Wind suction											
			1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
Single span	i	ULS 3/0	7.93	5.29	3.97	3.16	2.65	2.27	1.98	1.76	1.53	1.26	1.06	0.90	9.36	6.18	4.62	3.69	3.07	2.62	2.29	1.82	1.47	1.21	1.02	0.87
		ULS 2/0	7.93	5.29	3.97	3.16	2.65	2.27	1.98	1.76	1.53	1.26	1.06	0.90	9.36	6.18	4.62	3.69	3.07	2.62	2.29	1.82	1.47	1.21	1.02	0.87
		L/100	18.06	11.24	7.72	5.57	4.15	3.16	2.44	1.92	1.53	1.24	1.01	0.83	18.05	11.24	7.72	5.57	4.15	3.15	2.45	1.92	1.53	1.24	1.01	0.83
		SLS L/150	12.03	7.50	5.15	3.71	2.76	2.10	1.63	1.28	1.00	0.77	0.61	0.48	12.03	7.49	5.15	3.71	2.76	2.10	1.63	1.28	1.03	0.82	0.65	0.52
		L/200	9.03	5.62	3.86	2.79	2.07	1.57	1.16	0.86	0.66	0.46	0.31	0.20	9.03	5.62	3.86	2.78	2.07	1.58	1.22	0.92	0.71	0.54	0.41	0.29
Two span	i	ULS 2/4	6.70	4.47	3.35	2.68	2.23	1.90	1.58	1.12	0.80	0.61	0.47	0.38	5.91	3.69	2.65	2.04	1.68	1.28	0.76	0.48	0.31	0.22	0.16	0.11
		ULS 2/3	6.70	4.47	3.35	2.68	2.23	1.90	1.58	1.12	0.80	0.61	0.47	0.38	4.25	2.62	1.87	1.44	1.19	1.01	0.76	0.48	0.31	0.21	0.16	0.11
		L/100	18.16	11.48	8.13	6.12	4.79	3.84	3.14	2.60	2.18	1.85	1.57	1.35	18.16	11.49	8.12	6.11	4.78	3.84	3.14	2.60	2.18	1.85	1.57	1.35
		SLS L/150	12.10	7.66	5.42	4.08	3.19	2.56	2.09	1.74	1.45	1.23	1.05	0.90	12.10	7.66	5.41	4.08	3.19	2.56	2.09	1.73	1.46	1.23	1.06	0.90
		L/200	9.07	5.74	4.07	3.06	2.39	1.92	1.57	1.30	1.09	0.92	0.79	0.68	9.08	5.74	4.06	3.06	2.39	1.92	1.57	1.31	1.10	0.93	0.79	0.68
Multi span	i	ULS 2/4	6.70	4.47	3.35	2.68	2.23	1.91	1.68	1.33	1.04	0.85	0.70	0.58	6.09	3.96	2.91	2.34	1.95	1.39	0.95	0.69	0.52	0.41	0.33	0.27
		ULS 2/3	6.70	4.47	3.35	2.68	2.23	1.91	1.68	1.33	1.04	0.85	0.70	0.58	4.42	2.87	2.14	1.70	1.42	1.22	0.95	0.69	0.53	0.41	0.33	0.27
		L/100	18.21	11.58	8.22	6.17	4.80	3.82	3.09	2.52	2.09	1.74	1.47	1.24	18.21	11.58	8.22	6.18	4.80	3.82	3.08	2.53	2.09	1.74	1.47	1.25
		SLS L/150	12.14	7.72	5.48	4.12	3.20	2.55	2.06	1.68	1.39	1.16	0.97	0.82	12.14	7.72	5.48	4.12	3.20	2.55	2.06	1.68	1.39	1.17	0.98	0.83
		L/200	9.11	5.79	4.11	3.09	2.40	1.91	1.53	1.26	1.04	0.87	0.73	0.62	9.11	5.79	4.11	3.09	2.40	1.91	1.55	1.26	1.04	0.87	0.73	0.62

• **Maximum allowed load [kN/m²] for span length Ruukki SP2C 100/60 Ag RiPro**

Table 4

External facing thickness: 0.40 mm
 internal facing thickness: 0.40 mm
 External temperature: +55 °C; +65 °C; +80 °C/-20 °C (summer/winter)
 internal temperature: +20 °C/+20 °C (summer/winter)
 Min. end support width: 40 mm
 Min. intermediate support width: 60 mm
 Min. number of fasteners at end support: 1 or 2
 Min. number of fasteners at intermediate support: 3

ULS 2/0 – Ultimate Limit State; 2 fasteners at the end support
 ULS 1/0 – Ultimate Limit State; 1 fasteners at the end support
 ULS 2/3 – Ultimate Limit State; 2 fasteners at the end support / 3 fasteners at intermediate support
 ULS 1/3 – Ultimate Limit State; 1 fasteners at the end support / 3 fasteners at intermediate support
 SLS – Serviceability Limit State

Static scheme	Colour group	Criterion	Span length [m]																							
			Wind pressure												Wind suction											
			1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
Single span	i	ULS 2/0	4.43	3.32	2.18	1.60	1.24	0.99	0.81	0.67	0.55	0.46	0.37	0.31	4.68	3.66	3.23	2.81	2.31	1.92	1.63	1.40	1.22	1.01	0.86	0.75
		ULS 1/0	4.43	3.32	2.18	1.60	1.24	0.99	0.81	0.67	0.55	0.46	0.37	0.31	3.54	2.37	1.80	1.46	1.23	1.07	0.95	0.85	0.78	0.72	0.66	0.62
		L/200	12.21	4.36	2.23	1.36	0.91	0.65	0.47	0.36	0.27	0.00	0.00	0.00	12.42	4.57	2.44	1.58	1.12	0.86	0.69	0.57	0.48	0.00	0.00	0.00
		L/250	9.74	3.47	1.76	1.07	0.71	0.50	0.36	0.00	0.00	0.00	0.00	0.00	9.96	3.68	1.98	1.28	0.93	0.71	0.57	0.00	0.00	0.00	0.00	0.00
Two span	i	ULS 2/3	3.75	2.44	1.81	1.43	1.17	0.99	0.81	0.67	0.55	0.46	0.38	0.30	4.32	2.93	1.93	1.36	1.05	0.84	0.70	0.60	0.52	0.46	0.42	0.38
		ULS 1/3	3.75	2.44	1.81	1.43	1.17	0.99	0.81	0.67	0.55	0.46	0.38	0.30	3.46	2.18	1.62	1.34	1.05	0.84	0.70	0.60	0.53	0.47	0.42	0.38
		L/200	26.67	8.80	4.19	2.43	1.58	1.11	0.82	0.62	0.48	0.38	0.30	0.25	26.89	9.02	4.41	2.64	1.80	1.32	1.03	0.83	0.70	0.60	0.52	0.45
		L/250	21.31	7.02	3.33	1.92	1.24	0.86	0.63	0.48	0.36	0.29	0.22	0.17	21.53	7.23	3.55	2.13	1.46	1.08	0.85	0.69	0.58	0.50	0.43	0.38
Multi span	i	ULS 2/3	4.16	2.78	2.09	1.59	1.23	0.99	0.81	0.67	0.56	0.47	0.38	0.31	4.58	3.14	2.26	1.57	1.18	0.94	0.78	0.67	0.58	0.52	0.46	0.42
		ULS 1/3	4.16	2.78	2.09	1.59	1.23	0.99	0.81	0.67	0.56	0.47	0.38	0.31	2.95	1.95	1.54	1.29	1.14	0.95	0.78	0.67	0.58	0.51	0.47	0.42
		L/200	22.25	7.63	3.75	2.22	1.46	1.03	0.76	0.58	0.45	0.36	0.28	0.22	22.47	7.84	3.96	2.43	1.68	1.25	0.98	0.79	0.66	0.56	0.49	0.43
		L/250	17.78	6.08	2.97	1.76	1.15	0.81	0.59	0.45	0.33	0.26	0.20	0.15	18.00	6.30	3.19	1.97	1.37	1.02	0.81	0.66	0.55	0.47	0.41	0.37

• **Maximum allowed load [kN/m²] for span length Ruukki SP2C 120/80 Ag RiPro**

Table 5

External facing thickness: 0.40 mm
 internal facing thickness: 0.40 mm
 External temperature: +55 °C; +65 °C; +80 °C/-20 °C (summer/winter)
 internal temperature: +20 °C/+20 °C (summer/winter)
 Min. end support width: 40 mm
 Min. intermediate support width: 60 mm
 Min. number of fasteners at end support: 1 or 2
 Min. number of fasteners at intermediate support: 3

ULS 2/0 – Ultimate Limit State; 2 fasteners at the end support
 ULS 1/0 – Ultimate Limit State; 1 fasteners at the end support
 ULS 2/3 – Ultimate Limit State; 2 fasteners at the end support / 3 fasteners at intermediate support
 ULS 1/3 – Ultimate Limit State; 1 fasteners at the end support / 3 fasteners at intermediate support
 SLS – Serviceability Limit State

Static Colour scheme group	Criterion	Span length [m]																								
		Wind pressure												Wind suction												
		1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	
Single span	i	ULS 2/0	6.04	3.71	2.55	1.94	1.57	1.30	1.09	0.92	0.78	0.66	0.57	0.49	6.28	4.64	3.49	2.80	2.35	2.02	1.78	1.59	1.44	1.21	1.03	0.89
		ULS 1/0	6.04	3.71	2.55	1.94	1.57	1.30	1.09	0.92	0.78	0.66	0.57	0.49	3.53	2.37	1.79	1.45	1.22	1.06	0.94	0.85	0.77	0.71	0.66	0.61
	SLS	L/200	12.95	4.85	2.60	1.65	1.15	0.85	0.65	0.51	0.40	0.31	0.25	0.00	13.14	5.05	2.79	1.85	1.35	1.05	0.84	0.70	0.60	0.51	0.45	0.00
		L/250	10.34	3.86	2.06	1.30	0.90	0.66	0.50	0.39	0.30	0.00	0.00	0.00	10.53	4.06	2.25	1.50	1.10	0.86	0.69	0.58	0.50	0.00	0.00	0.00
Two span	i	ULS 2/3	5.03	3.29	2.44	1.93	1.56	1.23	0.98	0.81	0.68	0.57	0.49	0.42	4.68	3.20	2.04	1.46	1.13	0.92	0.76	0.66	0.57	0.51	0.46	0.42
		ULS 1/3	5.03	3.29	2.44	1.93	1.56	1.23	0.98	0.81	0.68	0.57	0.49	0.42	3.41	2.09	1.54	1.23	1.07	0.91	0.76	0.65	0.57	0.51	0.46	0.42
	SLS	L/200	27.53	9.37	4.61	2.77	1.86	1.34	1.02	0.80	0.64	0.52	0.43	0.36	27.73	9.57	4.81	2.96	2.05	1.54	1.21	0.99	0.83	0.71	0.62	0.55
		L/250	22.00	7.47	3.67	2.19	1.47	1.05	0.79	0.62	0.49	0.40	0.32	0.27	22.20	7.67	3.87	2.39	1.66	1.25	0.99	0.82	0.69	0.59	0.52	0.46
Multi span	i	ULS 2/3	5.54	3.71	2.55	1.95	1.57	1.29	1.09	0.91	0.77	0.65	0.56	0.49	5.25	3.54	2.35	1.65	1.26	1.01	0.84	0.72	0.63	0.56	0.50	0.46
		ULS 1/3	5.54	3.71	2.55	1.95	1.57	1.29	1.09	0.91	0.77	0.65	0.56	0.49	2.78	1.80	1.40	1.20	1.04	0.94	0.84	0.72	0.63	0.56	0.51	0.46
	SLS	L/200	23.25	8.26	4.21	2.58	1.75	1.28	0.97	0.76	0.61	0.49	0.40	0.33	23.43	8.46	4.41	2.78	1.96	1.48	1.16	0.95	0.80	0.69	0.59	0.53
		L/250	18.58	6.59	3.35	2.05	1.38	1.00	0.75	0.59	0.47	0.37	0.30	0.24	18.77	6.79	3.55	2.24	1.58	1.20	0.95	0.78	0.66	0.57	0.50	0.44

• **Maximum allowed load [kN/m²] for span length Ruukki SP2C 140/100 Ag RiPro**

Table 6

External facing thickness: 0.40 mm
 internal facing thickness: 0.40 mm
 External temperature: +55 °C; +65 °C; +80 °C/-20 °C (summer/winter)
 internal temperature: +20 °C/+20 °C (summer/winter)
 Min. end support width: 40 mm
 Min. intermediate support width: 60 mm
 Min. number of fasteners at end support: 1 or 2
 Min. number of fasteners at intermediate support: 3

ULS 2/0 – Ultimate Limit State; 2 fasteners at the end support
 ULS 1/0 – Ultimate Limit State; 1 fasteners at the end support
 ULS 2/3 – Ultimate Limit State; 2 fasteners at the end support / 3 fasteners at intermediate support
 ULS 1/3 – Ultimate Limit State; 1 fasteners at the end support / 3 fasteners at intermediate support
 SLS – Serviceability Limit State

Static Colour scheme group	Criterion	Span length [m]																								
		Wind pressure												Wind suction												
		1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	
Single span	i	ULS 2/0	7.24	4.13	2.96	2.34	1.94	1.65	1.42	1.22	1.06	0.91	0.80	0.69	6.99	4.66	3.51	2.82	2.37	2.04	1.80	1.62	1.47	1.34	1.23	1.07
		ULS 1/0	7.24	4.13	2.96	2.34	1.94	1.65	1.42	1.22	1.06	0.91	0.80	0.69	3.56	2.39	1.82	1.47	1.24	1.09	0.96	0.87	0.80	0.73	0.68	0.64
	SLS	L/200	13.64	5.31	2.93	1.92	1.37	1.03	0.80	0.63	0.50	0.41	0.32	0.26	13.88	5.56	3.18	2.16	1.61	1.28	1.04	0.88	0.74	0.65	0.57	0.51
		L/250	10.89	4.22	2.33	1.51	1.07	0.80	0.61	0.48	0.38	0.30	0.24	0.00	11.14	4.47	2.57	1.76	1.32	1.04	0.86	0.72	0.62	0.54	0.48	0.00
Two span	i	ULS 2/3	6.30	4.13	2.96	2.25	1.68	1.32	1.07	0.89	0.75	0.64	0.55	0.48	4.77	3.24	2.17	1.58	1.24	1.02	0.86	0.74	0.66	0.59	0.53	0.49
		ULS 1/3	6.30	4.13	2.96	2.25	1.68	1.32	1.07	0.89	0.75	0.64	0.55	0.48	3.36	2.04	1.49	1.20	1.04	0.92	0.84	0.75	0.66	0.59	0.53	0.49
	SLS	L/200	28.35	9.90	5.01	3.07	2.10	1.55	1.18	0.94	0.76	0.62	0.52	0.44	28.59	10.15	5.25	3.32	2.35	1.79	1.43	1.19	1.01	0.86	0.76	0.68
		L/250	22.64	7.90	3.98	2.43	1.66	1.21	0.93	0.73	0.58	0.48	0.40	0.32	22.89	8.14	4.23	2.68	1.91	1.46	1.17	0.97	0.82	0.72	0.64	0.57
Multi span	i	ULS 2/3	6.58	4.13	2.96	2.35	1.89	1.48	1.20	0.99	0.84	0.72	0.62	0.54	5.33	3.58	2.47	1.77	1.37	1.11	0.93	0.81	0.71	0.64	0.58	0.53
		ULS 1/3	6.58	4.13	2.96	2.35	1.89	1.48	1.20	0.99	0.84	0.72	0.62	0.54	2.69	1.69	1.31	1.12	1.00	0.92	0.84	0.78	0.71	0.64	0.58	0.53
	SLS	L/200	24.19	8.86	4.63	2.90	2.01	1.49	1.14	0.91	0.73	0.60	0.49	0.41	24.44	9.10	4.88	3.15	2.26	1.74	1.39	1.15	0.98	0.84	0.74	0.66
		L/250	19.34	7.06	3.68	2.30	1.58	1.17	0.89	0.70	0.56	0.45	0.37	0.31	19.58	7.31	3.93	2.54	1.83	1.41	1.14	0.95	0.81	0.70	0.61	0.55

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