

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 40/75 panels

Table 1a

Thickness of outer facing	0.50 [mm]
Thickness of inner facing	0.50 [mm]
Temperature outside of a building	+55 °C; +65 °C; +80 °C / -20 °C (summer/winter)
Temperature inside of a building	+25 °C / +20 °C (summer/winter)
Minimal width of edge support	40 [mm]
Minimal width of central support	60 [mm]

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

* Required number of fasteners

a	b
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a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]															
			-1.2	-1.0	-0.8	-0.6	-0.4	0.6	0.8	1.0	1.3	1.6	2.0	2.2	2.6	3.4		
Single span	I	ULS	2.83	3.25	3.83	4.69	6.19	2.47	2.06	1.79	1.52	1.33	1.17	1.10	1.00	0.86		
		fasteners*	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS L/200	2.98	3.25	3.61	3.87	3.87	3.07	2.92	2.77	2.55	2.37	2.19	2.11	1.96	1.72		
	II	ULS	2.74	3.15	3.71	4.55	6.03	2.47	2.06	1.79	1.52	1.33	1.17	1.10	1.00	0.86		
		fasteners*	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS L/200	2.93	3.09	3.29	3.54	3.87	3.07	2.92	2.77	2.55	2.37	2.19	2.11	1.96	1.72		
	III	ULS	2.60	2.98	3.53	4.34	5.77	2.47	2.06	1.79	1.52	1.33	1.17	1.10	1.00	0.86		
		fasteners*	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS L/200	2.57	2.68	2.81	2.97	3.17	3.07	2.92	2.77	2.55	2.37	2.19	2.11	1.96	1.72		
Double span	I	ULS	1.88	2.24	2.60	3.21	4.46	3.26	2.80	2.46	1.90	1.54	1.24	1.13	0.97	0.76		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	3.80	4.16	4.65	5.38	6.64	4.62	4.14	3.79	3.39	3.10	2.80	2.68	2.48	2.19		
	II	ULS	1.75	2.11	2.43	2.97	4.12	3.26	2.80	2.46	1.90	1.54	1.24	1.13	0.97	0.76		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	3.80	4.16	4.65	5.38	6.64	4.62	4.14	3.79	3.39	3.10	2.80	2.68	2.48	2.19		
	III	ULS	1.54	1.91	2.18	2.63	3.58	3.26	2.80	2.46	1.90	1.54	1.24	1.13	0.97	0.76		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	3.80	4.16	4.65	5.38	6.64	4.62	4.14	3.79	3.39	3.10	2.80	2.68	2.48	2.19		
Multi span	I	ULS	2.28	2.58	3.01	3.74	5.26	3.60	3.00	2.58	2.15	1.87	1.53	1.39	1.17	0.90		
		fasteners*	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	3.63	3.96	4.41	5.07	6.23	4.31	3.94	3.61	3.24	2.97	2.69	2.58	2.40	2.12		
	II	ULS	2.19	2.47	2.88	3.57	5.02	3.61	3.01	2.59	2.17	1.88	1.53	1.39	1.17	0.90		
		fasteners*	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	3.63	3.96	4.41	5.07	6.23	4.31	3.94	3.61	3.24	2.97	2.69	2.58	2.40	2.12		
	III	ULS	2.05	2.30	2.67	3.30	4.64	3.63	3.03	2.61	2.18	1.89	1.53	1.39	1.17	0.90		
		fasteners*	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	3.63	3.96	4.41	4.94	5.61	4.31	3.94	3.61	3.24	2.97	2.69	2.58	2.40	2.12		

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 40/75 panels

Table

1b

Thickness of outer facing	0.50	[mm]
Thickness of inner facing	0.40	[mm]
Temperature outside of a building	+55 °C; +65 °C; +80 °C / -20 °C (summer/winter)	
Temperature inside of a building	+25 °C / +20 °C (summer/winter)	
Minimal width of edge support	40	[mm]
Minimal width of central support	60	[mm]

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

* Required number of fasteners

a	b	a – on edge support
		b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]													
			-1.2	-1.0	-0.8	-0.6	-0.4	0.6	0.8	1.0	1.3	1.6	2.0	2.2	2.6	3.4
Single span	I	ULS	2.77	3.17	3.72	4.54	5.72	2.47	2.06	1.79	1.52	1.34	1.17	1.11	1.00	0.86
		fasteners*	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	2.89	3.15	3.50	3.92	3.92	3.07	2.91	2.74	2.52	2.35	2.17	2.08	1.93	1.71
	II	ULS	2.69	3.08	3.61	4.42	5.72	2.47	2.06	1.79	1.52	1.34	1.17	1.11	1.00	0.86
		fasteners*	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	2.89	3.05	3.24	3.50	3.85	3.07	2.91	2.74	2.52	2.35	2.17	2.08	1.93	1.71
	III	ULS	2.55	2.92	3.44	4.22	5.57	2.47	2.06	1.79	1.52	1.34	1.17	1.11	1.00	0.86
		fasteners*	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	2.56	2.67	2.80	2.96	3.16	3.07	2.91	2.74	2.52	2.35	2.17	2.08	1.93	1.71
Double span	I	ULS	1.90	2.25	2.61	3.21	4.42	3.33	2.85	2.52	1.94	1.57	1.26	1.15	0.98	0.76
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	3.71	4.05	4.52	5.19	6.36	4.54	4.07	3.72	3.34	3.05	2.77	2.65	2.46	2.18
	II	ULS	1.78	2.13	2.46	3.01	4.13	3.33	2.85	2.52	1.94	1.57	1.26	1.15	0.98	0.76
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	3.71	4.05	4.52	5.19	6.36	4.54	4.07	3.72	3.34	3.05	2.77	2.65	2.46	2.18
	III	ULS	1.58	1.95	2.23	2.70	3.67	3.33	2.85	2.52	1.94	1.57	1.26	1.15	0.98	0.76
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	3.71	4.05	4.52	5.19	6.36	4.54	4.07	3.72	3.34	3.05	2.77	2.65	2.46	2.18
Multi span	I	ULS	2.29	2.59	3.02	3.73	5.19	3.59	3.00	2.58	2.16	1.87	1.55	1.41	1.19	0.91
		fasteners*	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	3.53	3.85	4.27	4.89	5.96	4.25	3.86	3.54	3.19	2.92	2.66	2.55	2.37	2.10
	II	ULS	2.21	2.49	2.90	3.59	4.98	3.62	3.02	2.60	2.17	1.89	1.55	1.41	1.19	0.91
		fasteners*	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	3.53	3.85	4.27	4.89	5.96	4.25	3.86	3.54	3.19	2.92	2.66	2.55	2.37	2.10
	III	ULS	2.09	2.35	2.73	3.36	4.66	3.65	3.05	2.63	2.20	1.90	1.55	1.41	1.19	0.91
		fasteners*	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	3.53	3.85	4.27	4.85	5.51	4.25	3.86	3.54	3.19	2.92	2.66	2.55	2.37	2.10

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 60/95 panels

Table

2a

Thickness of outer facing	0.50 [mm]
Thickness of inner facing	0.50 [mm]
Temperature outside of a building	+55 °C; +65 °C; +80 °C / -20 °C (summer/winter)
Temperature inside of a building	+25 °C / +20 °C (summer/winter)
Minimal width of edge support	40 [mm]
Minimal width of central support	60 [mm]

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

* Required number of fasteners	a	b	a – on edge support
			b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]													
			-1.2	-1.0	-0.8	-0.6	-0.4	0.6	0.8	1.0	1.3	1.6	2.0	2.2	2.6	3.4
Single span	I	ULS	3.78	4.33	5.08	6.02	7.63	3.34	2.74	2.31	1.88	1.59	1.35	1.26	1.12	0.94
		fasteners*	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	3.67	4.02	4.49	4.88	4.88	3.82	3.62	3.41	3.12	2.89	2.66	2.55	2.35	2.04
	II	ULS	3.68	4.22	4.96	6.02	7.63	3.34	2.74	2.31	1.88	1.59	1.35	1.26	1.12	0.94
		fasteners*	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	3.67	3.90	4.16	4.51	4.88	3.82	3.62	3.41	3.12	2.89	2.66	2.55	2.35	2.04
	III	ULS	3.53	4.06	4.79	5.85	7.63	3.34	2.74	2.31	1.88	1.59	1.35	1.26	1.12	0.94
		fasteners*	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	3.21	3.36	3.54	3.76	4.05	3.82	3.62	3.41	3.12	2.89	2.66	2.55	2.35	2.04
Double span	I	ULS	1.83	2.25	2.86	3.59	5.16	3.58	3.05	2.69	2.11	1.72	1.39	1.27	1.09	0.85
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.64	5.10	5.73	6.66	8.28	5.64	5.04	4.59	4.08	3.70	3.33	3.17	2.92	2.54
	II	ULS	1.67	2.05	2.65	3.31	4.73	3.58	3.05	2.69	2.11	1.72	1.39	1.27	1.09	0.85
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.64	5.10	5.73	6.66	8.28	5.64	5.04	4.59	4.08	3.70	3.33	3.17	2.92	2.54
	III	ULS	1.44	1.75	2.29	2.88	4.06	3.58	3.05	2.69	2.11	1.72	1.39	1.27	1.09	0.85
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.64	5.10	5.73	6.66	8.28	5.64	5.04	4.59	4.08	3.70	3.33	3.17	2.92	2.54
Multi span	I	ULS	2.28	2.78	3.30	4.19	6.10	4.14	3.50	3.07	2.60	2.12	1.70	1.54	1.31	1.00
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.44	4.87	5.45	6.29	7.78	5.30	4.81	4.40	3.93	3.58	3.22	3.08	2.84	2.48
	II	ULS	2.19	2.65	3.13	3.97	5.79	4.14	3.50	3.07	2.60	2.12	1.70	1.54	1.31	1.00
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.44	4.87	5.45	6.29	7.78	5.30	4.81	4.40	3.93	3.58	3.22	3.08	2.84	2.48
	III	ULS	2.04	2.45	2.89	3.65	5.32	4.14	3.50	3.07	2.61	2.12	1.70	1.54	1.31	1.00
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.44	4.87	5.45	6.29	7.25	5.30	4.81	4.40	3.93	3.58	3.22	3.08	2.84	2.48

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 60/95 panels

Table

2a

Thickness of outer facing	0.50	[mm]
Thickness of inner facing	0.50	[mm]
Temperature outside of a building	+55 °C; +65 °C; +80 °C / -20 °C (summer/winter)	
Temperature inside of a building	+25 °C / +20 °C (summer/winter)	
Minimal width of edge support	40	[mm]
Minimal width of central support	60	[mm]

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

* Required number of fasteners

a	b
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a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]													
			-1.2	-1.0	-0.8	-0.6	-0.4	0.6	0.8	1.0	1.3	1.6	2.0	2.2	2.6	3.4
Single span	I	ULS	3.78	4.33	5.08	6.02	7.63	3.34	2.74	2.31	1.88	1.59	1.35	1.26	1.12	0.94
		fasteners*	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	3.67	4.02	4.49	4.88	4.88	3.82	3.62	3.41	3.12	2.89	2.66	2.55	2.35	2.04
	II	ULS	3.68	4.22	4.96	6.02	7.63	3.34	2.74	2.31	1.88	1.59	1.35	1.26	1.12	0.94
		fasteners*	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	3.67	3.90	4.16	4.51	4.88	3.82	3.62	3.41	3.12	2.89	2.66	2.55	2.35	2.04
	III	ULS	3.53	4.06	4.79	5.85	7.63	3.34	2.74	2.31	1.88	1.59	1.35	1.26	1.12	0.94
		fasteners*	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	3.21	3.36	3.54	3.76	4.05	3.82	3.62	3.41	3.12	2.89	2.66	2.55	2.35	2.04
Double span	I	ULS	1.83	2.25	2.86	3.59	5.16	3.58	3.05	2.69	2.11	1.72	1.39	1.27	1.09	0.85
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.64	5.10	5.73	6.66	8.28	5.64	5.04	4.59	4.08	3.70	3.33	3.17	2.92	2.54
	II	ULS	1.67	2.05	2.65	3.31	4.73	3.58	3.05	2.69	2.11	1.72	1.39	1.27	1.09	0.85
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.64	5.10	5.73	6.66	8.28	5.64	5.04	4.59	4.08	3.70	3.33	3.17	2.92	2.54
	III	ULS	1.44	1.75	2.29	2.88	4.06	3.58	3.05	2.69	2.11	1.72	1.39	1.27	1.09	0.85
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.64	5.10	5.73	6.66	8.28	5.64	5.04	4.59	4.08	3.70	3.33	3.17	2.92	2.54
Multi span	I	ULS	2.28	2.78	3.30	4.19	6.10	4.14	3.50	3.07	2.60	2.12	1.70	1.54	1.31	1.00
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.44	4.87	5.45	6.29	7.78	5.30	4.81	4.40	3.93	3.58	3.22	3.08	2.84	2.48
	II	ULS	2.19	2.65	3.13	3.97	5.79	4.14	3.50	3.07	2.60	2.12	1.70	1.54	1.31	1.00
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.44	4.87	5.45	6.29	7.78	5.30	4.81	4.40	3.93	3.58	3.22	3.08	2.84	2.48
	III	ULS	2.04	2.45	2.89	3.65	5.32	4.14	3.50	3.07	2.61	2.12	1.70	1.54	1.31	1.00
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	4.44	4.87	5.45	6.29	7.25	5.30	4.81	4.40	3.93	3.58	3.22	3.08	2.84	2.48

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 80/115 panels

Table

3a

Thickness of outer facing	0.50 [mm]
Thickness of inner facing	0.50 [mm]
Temperature outside of a building	+55 °C; +65 °C; +80 °C / -20 °C (summer/winter)
Temperature inside of a building	+25 °C / +20 °C (summer/winter)
Minimal width of edge support	40 [mm]
Minimal width of central support	60 [mm]

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

* Required number of fasteners

a	b	a – on edge support
		b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]													
			-1.2	-1.0	-0.8	-0.6	-0.4	0.6	0.8	1.0	1.3	1.6	2.0	2.2	2.6	3.4
Single span	I	ULS	4.67	5.15	5.81	6.82	8.68	4.27	3.54	2.99	2.40	1.98	1.61	1.47	1.27	1.03
		fasteners*	3	3	3	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	4.37	4.78	5.34	5.91	5.91	4.59	4.34	4.05	3.71	3.43	3.14	3.01	2.76	2.39
	II	ULS	4.64	5.15	5.81	6.82	8.68	4.27	3.54	2.99	2.40	1.98	1.61	1.47	1.27	1.03
		fasteners*	3	3	3	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	4.37	4.73	5.07	5.52	5.91	4.59	4.34	4.05	3.71	3.43	3.14	3.01	2.76	2.39
	III	ULS	4.51	5.14	5.81	6.82	8.68	4.27	3.54	2.99	2.40	1.98	1.61	1.47	1.27	1.03
		fasteners*	3	3	3	2	2	2	2	2	2	2	2	2	2	2
		SLS L/200	3.90	4.09	4.33	4.62	5.01	4.59	4.34	4.05	3.71	3.43	3.14	3.01	2.76	2.39
Double span	I	ULS	1.80	2.19	2.83	3.98	5.87	3.89	3.29	2.88	2.33	1.92	1.55	1.42	1.22	0.95
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	5.48	6.04	6.80	7.92	9.89	6.63	5.92	5.39	4.78	4.33	3.87	3.69	3.37	2.91
	II	ULS	1.62	1.97	2.55	3.65	5.36	3.89	3.29	2.88	2.33	1.92	1.55	1.42	1.22	0.95
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	5.48	6.04	6.80	7.92	9.89	6.63	5.92	5.39	4.78	4.33	3.87	3.69	3.37	2.91
	III	ULS	1.35	1.55	1.93	3.08	4.56	3.89	3.29	2.88	2.33	1.92	1.55	1.42	1.22	0.95
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	5.48	6.04	6.80	7.92	9.89	6.63	5.92	5.39	4.78	4.33	3.87	3.69	3.37	2.91
Multi span	I	ULS	2.23	2.76	3.59	4.63	6.94	4.48	3.76	3.27	2.78	2.33	1.87	1.70	1.44	1.11
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	5.26	5.77	6.47	7.49	9.29	6.28	5.66	5.17	4.61	4.20	3.77	3.59	3.30	2.86
	II	ULS	2.12	2.63	3.40	4.38	6.58	4.48	3.76	3.27	2.78	2.33	1.87	1.70	1.44	1.11
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	5.26	5.77	6.47	7.49	9.29	6.28	5.66	5.17	4.61	4.20	3.77	3.59	3.30	2.86
	III	ULS	1.94	2.43	3.11	4.00	6.02	4.48	3.76	3.27	2.78	2.33	1.87	1.70	1.44	1.11
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS L/200	5.26	5.77	6.47	7.49	8.92	6.28	5.66	5.17	4.61	4.20	3.77	3.59	3.30	2.86

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 80/115 panels

Table

3b

Thickness of outer facing	0.50 [mm]
Thickness of inner facing	0.40 [mm]
Temperature outside of a building	+55 °C; +65 °C; +80 °C / -20 °C (summer/winter)
Temperature inside of a building	+25 °C / +20 °C (summer/winter)
Minimal width of edge support	40 [mm]
Minimal width of central support	60 [mm]

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

* Required number of fasteners

a	b
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a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]															
			-1.2	-1.0	-0.8	-0.6	-0.4	0.6	0.8	1.0	1.3	1.6	2.0	2.2	2.6	3.4		
Single span	I	ULS	4.14	4.56	5.13	6.02	7.63	4.21	3.49	2.96	2.38	1.97	1.60	1.47	1.27	1.03		
		fasteners*	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS L/200	4.21	4.60	5.13	5.89	5.92	4.54	4.26	3.97	3.63	3.36	3.08	2.94	2.70	2.35		
	II	ULS	4.14	4.56	5.13	6.02	7.63	4.21	3.49	2.96	2.38	1.97	1.60	1.47	1.27	1.03		
		fasteners*	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS L/200	4.21	4.60	4.95	5.39	5.92	4.54	4.26	3.97	3.63	3.36	3.08	2.94	2.70	2.35		
	III	ULS	4.14	4.56	5.13	6.02	7.63	4.21	3.49	2.96	2.38	1.97	1.60	1.47	1.27	1.03		
		fasteners*	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS L/200	3.83	4.02	4.25	4.55	4.94	4.54	4.26	3.97	3.63	3.36	3.08	2.94	2.70	2.35		
Double span	I	ULS	1.82	2.22	2.86	3.98	5.81	3.97	3.35	2.93	2.38	1.95	1.58	1.44	1.23	0.96		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	5.31	5.84	6.55	7.60	9.42	6.46	5.77	5.26	4.68	4.24	3.80	3.62	3.32	2.88		
	II	ULS	1.65	2.01	2.61	3.69	5.38	3.97	3.35	2.93	2.38	1.95	1.58	1.44	1.23	0.96		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	5.31	5.84	6.55	7.60	9.42	6.46	5.77	5.26	4.68	4.24	3.80	3.62	3.32	2.88		
	III	ULS	1.41	1.68	2.19	3.24	4.69	3.97	3.35	2.93	2.38	1.95	1.58	1.44	1.23	0.96		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	5.31	5.84	6.55	7.60	9.42	6.46	5.77	5.26	4.68	4.24	3.80	3.62	3.32	2.88		
Multi span	I	ULS	2.25	2.77	3.59	4.62	6.83	4.57	3.83	3.33	2.82	2.37	1.90	1.73	1.46	1.12		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	5.08	5.56	6.22	7.17	8.83	6.13	5.50	5.03	4.50	4.10	3.69	3.52	3.24	2.82		
	II	ULS	2.15	2.67	3.43	4.40	6.52	4.57	3.83	3.33	2.82	2.37	1.90	1.73	1.46	1.12		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	5.08	5.56	6.22	7.17	8.83	6.13	5.50	5.03	4.50	4.10	3.69	3.52	3.24	2.82		
	III	ULS	1.99	2.49	3.17	4.07	6.05	4.57	3.83	3.33	2.82	2.37	1.90	1.73	1.46	1.12		
		fasteners*	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS L/200	5.08	5.56	6.22	7.17	8.62	6.13	5.50	5.03	4.50	4.10	3.69	3.52	3.24	2.82		

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 100/135 panels

Table	1a
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Thickness of outer facing 0.50 [mm] Profile: T
Thickness of inner facing 0.50 [mm] Profile: L, M, R, P
Temperature outside of a building +55 °C; +65 °C; +80 °C / -20 °C
Temperature inside of a building +25 °C / +20 °C
Minimal width of edge support 40 [mm]
Minimal width of central support 60 [mm]
* Required number of fasteners

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

(summer/winter)
(summer/winter)

a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]																							
			-1.2	-1.0	-0.8	-0.6	-0.4	-0.2	0.6	1.0	1.4	1.8	2.0	2.6	3.0	3.4	4.0	4.4	4.8	5.2	5.6	6.0	6.5			
Single span	I	ULS	5.16	5.69	6.43	7.57	9.66	13.71	5.14	3.71	2.82	2.20	1.97	1.49	1.29	1.15	1.00	0.93	0.86	0.81	0.77	0.74	0.70			
		fasteners ^a		3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		SLS	L/200	5.04	5.52	6.17	6.91	6.91	6.91	5.34	4.69	4.17	3.79	3.62	3.17	2.94	2.74	2.50	2.36	2.24	2.14	2.04	1.96	1.86		
	II	ULS	5.16	5.69	6.43	7.57	9.66	13.71	5.14	3.71	2.82	2.20	1.97	1.49	1.29	1.15	1.00	0.93	0.86	0.81	0.77	0.74	0.70			
		fasteners ^a		3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		SLS	L/200	5.04	5.52	5.98	6.53	6.91	6.91	5.34	4.69	4.17	3.79	3.62	3.17	2.94	2.74	2.50	2.36	2.24	2.14	2.04	1.96	1.86		
	III	ULS	5.16	5.69	6.43	7.57	9.66	13.71	5.14	3.71	2.82	2.20	1.97	1.49	1.29	1.15	1.00	0.93	0.86	0.81	0.77	0.74	0.70			
		fasteners ^a		3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		SLS	L/200	4.59	4.83	5.13	5.50	6.00	6.80	5.34	4.69	4.17	3.79	3.62	3.17	2.94	2.74	2.50	2.36	2.24	2.14	2.04	1.96	1.86		
Double span	I	ULS	1.78	2.16	2.76	3.93	6.58	12.05	4.17	3.07	2.31	1.83	1.66	1.31	1.15	1.02	0.88	0.81	0.74	0.69	0.65	0.61	0.56			
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.32	6.97	7.85	9.16	11.47	12.49	7.58	6.16	5.29	4.67	4.42	3.84	3.55	3.30	3.01	2.84	2.70	2.57	2.46	2.36	2.25		
	II	ULS	1.59	1.92	2.45	3.51	6.00	12.05	4.17	3.07	2.31	1.83	1.66	1.31	1.15	1.02	0.88	0.81	0.74	0.69	0.65	0.61	0.56			
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.32	6.97	7.85	9.16	11.47	12.49	7.58	6.16	5.29	4.67	4.42	3.84	3.55	3.30	3.01	2.84	2.70	2.57	2.46	2.36	2.25		
	III	ULS	1.27	1.42	1.65	2.15	5.07	12.05	4.17	3.07	2.31	1.83	1.66	1.31	1.15	1.02	0.88	0.81	0.74	0.69	0.65	0.61	0.56			
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.32	6.97	7.85	9.16	11.47	12.49	7.58	6.16	5.29	4.67	4.42	3.84	3.55	3.30	3.01	2.84	2.70	2.57	2.46	2.36	2.25		
Multi span	I	ULS	2.20	2.72	3.55	5.05	7.78	15.06	4.78	3.47	2.80	2.19	1.98	1.53	1.33	1.18	1.01	0.92	0.85	0.79	0.74	0.69	0.64			
		fasteners ^a		2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.05	6.65	7.46	8.65	10.76	10.92	7.21	5.92	5.11	4.54	4.31	3.76	3.48	3.25	2.96	2.81	2.67	2.54	2.43	2.34	2.23		
	II	ULS	2.06	2.57	3.39	4.79	7.37	15.06	4.78	3.47	2.80	2.19	1.98	1.53	1.33	1.18	1.01	0.92	0.85	0.79	0.74	0.69	0.64			
		fasteners ^a		2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.05	6.65	7.46	8.65	10.76	10.92	7.21	5.92	5.11	4.54	4.31	3.76	3.48	3.25	2.96	2.81	2.67	2.54	2.43	2.34	2.23		
	III	ULS	1.85	2.32	3.12	4.35	6.72	15.06	4.78	3.47	2.80	2.19	1.98	1.53	1.33	1.18	1.01	0.92	0.85	0.79	0.74	0.69	0.64			
		fasteners ^a		2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.05	6.65	7.46	8.65	10.59	10.92	7.21	5.92	5.11	4.54	4.31	3.76	3.48	3.25	2.96	2.81	2.67	2.54	2.43	2.34	2.23		

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 100/135 panels

Table	1b
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Thickness of outer facing 0.50 [mm] Profile: T
Thickness of inner facing 0.40 [mm] Profile: L, M, R, P
Temperature outside of a building +55 °C; +65 °C; +80 °C / -20 °C
Temperature inside of a building +25 °C / +20 °C
Minimal width of edge support 40 [mm]
Minimal width of central support 60 [mm]
* Required number of fasteners

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

(summer/winter)
(summer/winter)

a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]																							
			-1.2	-1.0	-0.8	-0.6	-0.4	-0.2	0.6	1.0	1.4	1.8	2.0	2.6	3.0	3.4	4.0	4.4	4.8	5.2	5.6	6.0	6.5			
Single span	I	ULS	4.57	5.03	5.68	6.67	8.48	13.80	5.07	3.66	2.79	2.19	1.96	1.49	1.29	1.15	1.00	0.93	0.87	0.81	0.77	0.74	0.70			
		fasteners ^a	3		3		2		2		2		2		2		2		2		2		2		2	
		SLS	L/200	4.85	5.30	5.91	6.80	6.89	6.89	5.27	4.58	4.08	3.71	3.53	3.10	2.88	2.69	2.45	2.32	2.21	2.11	2.01	1.93	1.84		
	II	ULS	4.57	5.03	5.68	6.67	8.48	13.80	5.07	3.66	2.79	2.19	1.96	1.49	1.29	1.15	1.00	0.93	0.87	0.81	0.77	0.74	0.70			
		fasteners ^a	3		3		2		2		2		2		2		2		2		2		2		2	
		SLS	L/200	4.85	5.30	5.81	6.35	6.89	6.89	5.27	4.58	4.08	3.71	3.53	3.10	2.88	2.69	2.45	2.32	2.21	2.11	2.01	1.93	1.84		
	III	ULS	4.57	5.03	5.68	6.67	8.48	13.80	5.07	3.66	2.79	2.19	1.96	1.49	1.29	1.15	1.00	0.93	0.87	0.81	0.77	0.74	0.70			
		fasteners ^a	3		3		2		2		2		2		2		2		2		2		2		2	
		SLS	L/200	4.50	4.74	5.02	5.39	5.90	6.71	5.27	4.58	4.08	3.71	3.53	3.10	2.88	2.69	2.45	2.32	2.21	2.11	2.01	1.93	1.84		
Double span	I	ULS	1.80	2.18	2.80	3.98	6.51	10.41	4.26	3.12	2.35	1.86	1.68	1.32	1.15	1.03	0.88	0.81	0.75	0.69	0.65	0.61	0.56			
		fasteners ^a	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.10	6.72	7.55	8.76	10.90	12.41	7.37	6.01	5.16	4.57	4.33	3.77	3.49	3.25	2.97	2.81	2.67	2.55	2.44	2.34	2.23		
	II	ULS	1.62	1.96	2.51	3.61	6.01	10.41	4.26	3.12	2.35	1.86	1.68	1.32	1.15	1.03	0.88	0.81	0.75	0.69	0.65	0.61	0.56			
		fasteners ^a	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.10	6.72	7.55	8.76	10.90	12.41	7.37	6.01	5.16	4.57	4.33	3.77	3.49	3.25	2.97	2.81	2.67	2.55	2.44	2.34	2.23		
	III	ULS	1.33	1.50	1.81	2.97	5.22	10.41	4.26	3.12	2.35	1.86	1.68	1.32	1.15	1.03	0.88	0.81	0.75	0.69	0.65	0.61	0.56			
		fasteners ^a	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.10	6.72	7.55	8.76	10.90	12.41	7.37	6.01	5.16	4.57	4.33	3.77	3.49	3.25	2.97	2.81	2.67	2.55	2.44	2.34	2.23		
Multi span	I	ULS	2.22	2.74	3.56	5.05	7.65	13.36	4.88	3.53	2.84	2.23	2.01	1.55	1.35	1.19	1.02	0.93	0.85	0.79	0.74	0.69	0.64			
		fasteners ^a	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	5.84	6.40	7.16	8.27	10.22	10.85	7.00	5.75	4.98	4.43	4.21	3.69	3.42	3.19	2.92	2.76	2.63	2.51	2.41	2.31	2.20		
	II	ULS	2.10	2.61	3.42	4.81	7.30	13.36	4.88	3.53	2.84	2.23	2.01	1.55	1.35	1.19	1.02	0.93	0.85	0.79	0.74	0.69	0.64			
		fasteners ^a	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	5.84	6.40	7.16	8.27	10.22	10.85	7.00	5.75	4.98	4.43	4.21	3.69	3.42	3.19	2.92	2.76	2.63	2.51	2.41	2.31	2.20		
	III	ULS	1.91	2.39	3.19	4.44	6.76	13.36	4.88	3.53	2.84	2.23	2.01	1.55	1.35	1.19	1.02	0.93	0.85	0.79	0.74	0.69	0.64			
		fasteners ^a	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	5.84	6.40	7.16	8.27	10.20	10.85	7.00	5.75	4.98	4.43	4.21	3.69	3.42	3.19	2.92	2.76	2.63	2.51	2.41	2.31	2.20		

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 120/155 panels

Table	2a
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Thickness of outer facing 0.50 [mm] Profile: T
Thickness of inner facing 0.50 [mm] Profile: L, M, R, P
Temperature outside of a building +55 °C; +65 °C; +80 °C / -20 °C
Temperature inside of a building +25 °C / +20 °C
Minimal width of edge support 40 [mm]
Minimal width of central support 60 [mm]
* Required number of fasteners

ULS	– Ultimate Limit Stress
SLS	– Serviceability Limit State

(summer/winter)
(summer/winter)

a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]																									
			-1.2	-1.0	-0.8	-0.6	-0.4	-0.2	0.6	1.0	1.4	1.8	2.0	2.6	3.0	3.4	4.0	4.4	4.8	5.2	5.6	6.0	6.5					
Single span	I	ULS	5.59	6.19	7.01	8.26	10.59	15.27	5.93	4.38	3.41	2.71	2.43	1.79	1.51	1.31	1.11	1.01	0.94	0.88	0.82	0.78	0.73					
		fasteners*	3		3		3		3		2		2		2		2		2		2		2		2		2	
		SLS	L/200	5.69	6.23	6.96	7.86	7.86	7.86	6.07	5.30	4.72	4.29	4.09	3.58	3.32	3.10	2.82	2.67	2.53	2.41	2.30	2.20	2.09				
	II	ULS	5.59	6.19	7.01	8.26	10.59	15.27	5.93	4.38	3.41	2.71	2.43	1.79	1.51	1.31	1.11	1.01	0.94	0.88	0.82	0.78	0.73					
		fasteners*	3		3		3		2		2		2		2		2		2		2		2		2		2	
		SLS	L/200	5.69	6.23	6.87	7.53	7.86	7.86	6.07	5.30	4.72	4.29	4.09	3.58	3.32	3.10	2.82	2.67	2.53	2.41	2.30	2.20	2.09				
	III	ULS	5.59	6.19	7.01	8.26	10.59	15.27	5.93	4.38	3.41	2.71	2.43	1.79	1.51	1.31	1.11	1.01	0.94	0.88	0.82	0.78	0.73					
		fasteners*	3		3		3		2		2		2		2		2		2		2		2		2		2	
		SLS	L/200	5.29	5.57	5.92	6.38	7.00	7.86	6.07	5.30	4.72	4.29	4.09	3.58	3.32	3.10	2.82	2.67	2.53	2.41	2.30	2.20	2.09				
Double span	I	ULS	1.77	2.13	2.71	3.84	6.75	12.63	4.43	3.06	2.27	1.81	1.65	1.30	1.14	1.02	0.88	0.81	0.75	0.69	0.65	0.61	0.56					
		fasteners*	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.13	7.87	8.87	10.36	13.01	13.91	8.49	6.92	5.94	5.25	4.97	4.31	3.98	3.70	3.36	3.17	3.00	2.86	2.73	2.62	2.49				
	II	ULS	1.58	1.88	2.38	3.36	6.16	12.63	4.43	3.06	2.27	1.81	1.65	1.30	1.14	1.02	0.88	0.81	0.75	0.69	0.65	0.61	0.56					
		fasteners*	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.13	7.87	8.87	10.36	13.01	13.91	8.49	6.92	5.94	5.25	4.97	4.31	3.98	3.70	3.36	3.17	3.00	2.86	2.73	2.62	2.49				
	III	ULS	1.24	1.36	1.53	1.82	5.03	12.63	4.43	3.06	2.27	1.81	1.65	1.30	1.14	1.02	0.88	0.81	0.75	0.69	0.65	0.61	0.56					
		fasteners*	2	3	2	3	2	3	2	3	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.13	7.87	8.87	10.36	13.01	13.91	8.49	6.92	5.94	5.25	4.97	4.31	3.98	3.70	3.36	3.17	3.00	2.86	2.73	2.62	2.49				
Multi span	I	ULS	2.17	2.68	3.51	5.03	8.57	15.79	5.07	3.65	2.75	2.16	1.95	1.51	1.32	1.17	1.00	0.92	0.85	0.79	0.73	0.69	0.64					
		fasteners*	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.83	7.51	8.42	9.77	12.20	12.22	8.07	6.64	5.74	5.10	4.84	4.23	3.91	3.65	3.32	3.14	2.98	2.83	2.71	2.59	2.47				
	II	ULS	2.02	2.51	3.31	4.83	8.16	15.79	5.07	3.65	2.75	2.16	1.95	1.51	1.32	1.17	1.00	0.92	0.85	0.79	0.73	0.69	0.64					
		fasteners*	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.83	7.51	8.42	9.77	12.20	12.22	8.07	6.64	5.74	5.10	4.84	4.23	3.91	3.65	3.32	3.14	2.98	2.83	2.71	2.59	2.47				
	III	ULS	1.78	2.23	2.99	4.49	7.44	15.79	5.07	3.65	2.75	2.16	1.95	1.51	1.32	1.17	1.00	0.92	0.85	0.79	0.73	0.69	0.64					
		fasteners*	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.83	7.51	8.42	9.77	12.20	12.22	8.07	6.64	5.74	5.10	4.84	4.23	3.91	3.65	3.32	3.14	2.98	2.83	2.71	2.59	2.47				

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 120/155 panels

Table

2b

Thickness of outer facing 0.50 [mm] Profile: T
Thickness of inner facing 0.40 [mm] Profile: L, M, R, P
Temperature outside of a building +55 °C; +65 °C; +80 °C / -20 °C
Temperature inside of a building +25 °C / +20 °C
Minimal width of edge support 40 [mm]
Minimal width of central support 60 [mm]
* Required number of fasteners

ULS – Ultimate Limit Stress
SLS – Serviceability Limit State

(summer/winter)
(summer/winter)

a b

a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]																					
			-1.2	-1.0	-0.8	-0.6	-0.4	-0.2	0.6	1.0	1.4	1.8	2.0	2.6	3.0	3.4	4.0	4.4	4.8	5.2	5.6	6.0	6.5	
Single span	I	ULS	4.96	5.47	6.18	7.28	9.29	15.31	5.86	4.32	3.37	2.68	2.41	1.79	1.51	1.31	1.11	1.01	0.94	0.88	0.82	0.78	0.73	
		fasteners ^a		3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	5.47	5.98	6.67	7.68	7.82	7.82	5.97	5.17	4.60	4.17	3.97	3.49	3.24	3.03	2.76	2.62	2.48	2.37	2.26	2.17	2.06
	II	ULS	4.96	5.47	6.18	7.28	9.29	15.31	5.86	4.32	3.37	2.68	2.41	1.79	1.51	1.31	1.11	1.01	0.94	0.88	0.82	0.78	0.73	
		fasteners ^a		3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	5.47	5.98	6.67	7.31	7.82	7.82	5.97	5.17	4.60	4.17	3.97	3.49	3.24	3.03	2.76	2.62	2.48	2.37	2.26	2.17	2.06
	III	ULS	4.96	5.47	6.18	7.28	9.29	15.31	5.86	4.32	3.37	2.68	2.41	1.79	1.51	1.31	1.11	1.01	0.94	0.88	0.82	0.78	0.73	
		fasteners ^a		3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	5.17	5.45	5.79	6.24	6.87	7.82	5.97	5.17	4.60	4.17	3.97	3.49	3.24	3.03	2.76	2.62	2.48	2.37	2.26	2.17	2.06
Double span	I	ULS	1.78	2.16	2.75	3.90	6.77	10.88	4.53	3.14	2.31	1.84	1.67	1.31	1.15	1.03	0.88	0.81	0.75	0.69	0.65	0.61	0.56	
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.88	7.58	8.52	9.90	12.35	13.79	8.24	6.73	5.79	5.12	4.86	4.23	3.90	3.64	3.31	3.12	2.97	2.82	2.70	2.59	2.46
	II	ULS	1.60	1.92	2.43	3.47	6.27	10.88	4.53	3.14	2.31	1.84	1.67	1.31	1.15	1.03	0.88	0.81	0.75	0.69	0.65	0.61	0.56	
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.88	7.58	8.52	9.90	12.35	13.79	8.24	6.73	5.79	5.12	4.86	4.23	3.90	3.64	3.31	3.12	2.97	2.82	2.70	2.59	2.46
	III	ULS	1.27	1.42	1.63	2.06	5.36	10.88	4.53	3.14	2.31	1.84	1.67	1.31	1.15	1.03	0.88	0.81	0.75	0.69	0.65	0.61	0.56	
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.88	7.58	8.52	9.90	12.35	13.79	8.24	6.73	5.79	5.12	4.86	4.23	3.90	3.64	3.31	3.12	2.97	2.82	2.70	2.59	2.46
Multi span	I	ULS	2.19	2.70	3.53	5.03	8.47	13.97	5.18	3.72	2.80	2.19	1.98	1.53	1.33	1.18	1.01	0.92	0.85	0.79	0.74	0.69	0.64	
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.58	7.22	8.07	9.33	11.57	12.11	7.82	6.44	5.58	4.97	4.72	4.13	3.83	3.58	3.26	3.09	2.93	2.79	2.67	2.56	2.44
	II	ULS	2.05	2.55	3.36	4.86	8.08	13.97	5.18	3.72	2.80	2.19	1.98	1.53	1.33	1.18	1.01	0.92	0.85	0.79	0.74	0.69	0.64	
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.58	7.22	8.07	9.33	11.57	12.11	7.82	6.44	5.58	4.97	4.72	4.13	3.83	3.58	3.26	3.09	2.93	2.79	2.67	2.56	2.44
	III	ULS	1.84	2.30	3.08	4.57	7.47	13.97	5.18	3.72	2.80	2.19	1.98	1.53	1.33	1.18	1.01	0.92	0.85	0.79	0.74	0.69	0.64	
		fasteners ^a		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.58	7.22	8.07	9.33	11.57	12.11	7.82	6.44	5.58	4.97	4.72	4.13	3.83	3.58	3.26	3.09	2.93	2.79	2.67	2.56	2.44

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 145/180 panels

Table

3a

Thickness of outer facing 0.50 [mm] Profile: T
Thickness of inner facing 0.50 [mm] Profile: L, M, R, P
Temperature outside of a building +55 °C; +65 °C; +80 °C / -20 °C
Temperature inside of a building +25 °C / +20 °C
Minimal width of edge support 40 [mm]
Minimal width of central support 60 [mm]
* Required number of fasteners

ULS – Ultimate Limit Stress
SLS – Serviceability Limit State

(summer/winter)
(summer/winter)

a b

a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]																					
			-1.2	-1.0	-0.8	-0.6	-0.4	-0.2	0.6	1.0	1.4	1.8	2.0	2.6	3.0	3.4	4.0	4.4	4.8	5.2	5.6	6.0	6.5	
Single span	I	ULS	5.62	6.78	7.68	9.08	11.69	15.99	6.82	5.14	3.98	3.15	2.85	2.23	1.89	1.60	1.30	1.16	1.05	0.97	0.90	0.85	0.79	
		fasteners*		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.48	7.10	7.93	8.98	8.98	8.98	6.95	6.03	5.37	4.88	4.64	4.08	3.78	3.53	3.22	3.04	2.89	2.75	2.62	2.51	2.38
	II	ULS	5.62	6.78	7.68	9.08	11.69	15.99	6.82	5.14	3.98	3.15	2.85	2.23	1.89	1.60	1.30	1.16	1.05	0.97	0.90	0.85	0.79	
		fasteners*		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.48	7.10	7.93	8.77	8.98	8.98	6.95	6.03	5.37	4.88	4.64	4.08	3.78	3.53	3.22	3.04	2.89	2.75	2.62	2.51	2.38
	III	ULS	5.62	6.78	7.68	9.08	11.69	15.99	6.82	5.14	3.98	3.15	2.85	2.23	1.89	1.60	1.30	1.16	1.05	0.97	0.90	0.85	0.79	
		fasteners*		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		SLS	L/200	6.15	6.49	6.92	7.47	8.27	8.98	6.95	6.03	5.37	4.88	4.64	4.08	3.78	3.53	3.22	3.04	2.89	2.75	2.62	2.51	2.38
Double span	I	ULS	1.76	2.11	2.67	3.75	6.67	13.14	4.68	2.98	2.23	1.79	1.63	1.30	1.14	1.02	0.88	0.81	0.75	0.69	0.65	0.61	0.56	
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	8.13	8.97	10.12	11.82	14.92	15.53	9.56	7.82	6.72	5.95	5.63	4.89	4.51	4.19	3.80	3.58	3.39	3.22	3.07	2.94	2.79
	II	ULS	1.56	1.85	2.31	3.21	5.93	13.14	4.68	2.98	2.23	1.79	1.63	1.30	1.14	1.02	0.88	0.81	0.75	0.69	0.65	0.61	0.56	
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	8.13	8.97	10.12	11.82	14.92	15.53	9.56	7.82	6.72	5.95	5.63	4.89	4.51	4.19	3.80	3.58	3.39	3.22	3.07	2.94	2.79
	III	ULS	1.21	1.32	1.46	1.66	2.05	13.14	4.68	2.98	2.23	1.79	1.63	1.30	1.14	1.02	0.88	0.81	0.75	0.69	0.65	0.61	0.56	
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	8.13	8.97	10.12	11.82	14.92	15.53	9.56	7.82	6.72	5.95	5.63	4.89	4.51	4.19	3.80	3.58	3.39	3.22	3.07	2.94	2.79
Multi span	I	ULS	2.13	2.64	3.46	5.00	8.66	15.99	5.39	3.72	2.69	2.11	1.91	1.49	1.30	1.16	1.00	0.91	0.84	0.78	0.73	0.69	0.64	
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.78	8.55	9.59	11.14	13.71	13.71	9.08	7.49	6.49	5.78	5.49	4.79	4.44	4.13	3.76	3.55	3.37	3.20	3.06	2.92	2.78
	II	ULS	1.97	2.44	3.23	4.76	8.42	15.99	5.39	3.72	2.69	2.11	1.91	1.49	1.30	1.16	1.00	0.91	0.84	0.78	0.73	0.69	0.64	
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.78	8.55	9.59	11.14	13.71	13.71	9.08	7.49	6.49	5.78	5.49	4.79	4.44	4.13	3.76	3.55	3.37	3.20	3.06	2.92	2.78
	III	ULS	1.72	2.12	2.85	4.34	8.03	15.99	5.39	3.72	2.69	2.11	1.91	1.49	1.30	1.16	1.00	0.91	0.84	0.78	0.73	0.69	0.64	
		fasteners*		2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.78	8.55	9.59	11.14	13.71	13.71	9.08	7.49	6.49	5.78	5.49	4.79	4.44	4.13	3.76	3.55	3.37	3.20	3.06	2.92	2.78

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 145/180 panels

Table	3b
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Thickness of outer facing 0.50 [mm] Profile: T
Thickness of inner facing 0.40 [mm] Profile: L, M, R, P
Temperature outside of a building +55 °C; +65 °C; +80 °C / -20 °C
Temperature inside of a building +25 °C / +20 °C
Minimal width of edge support 40 [mm]
Minimal width of central support 60 [mm]
* Required number of fasteners

ULS	–	Ultimate Limit Stress
SLS	–	Serviceability Limit State

(summer/winter)
(summer/winter)

a	b	a	–	on edge support
		b	–	on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]																												
			-1.2	-1.0	-0.8	-0.6	-0.4	-0.2	0.6	1.0	1.4	1.8	2.0	2.6	3.0	3.4	4.0	4.4	4.8	5.2	5.6	6.0	6.5								
Single span	I	ULS	5.43	5.99	6.78	7.99	10.25	15.99	6.75	5.07	4.00	3.16	2.87	2.23	1.88	1.60	1.30	1.16	1.05	0.97	0.90	0.85	0.79								
		fasteners*		3		3		3		2		2		2		2		2		2		2		2		2		2		2	
		SLS	L/200	6.23	6.80	7.58	8.74	8.92	8.92	6.82	5.87	5.24	4.73	4.51	3.97	3.69	3.45	3.15	2.98	2.83	2.69	2.57	2.46	2.34							
	II	ULS	5.43	5.99	6.78	7.99	10.25	15.99	6.75	5.07	4.00	3.16	2.87	2.23	1.88	1.60	1.30	1.16	1.05	0.97	0.90	0.85	0.79								
		fasteners*		3		3		3		2		2		2		2		2		2		2		2		2		2		2	
		SLS	L/200	6.23	6.80	7.58	8.49	8.92	8.92	6.82	5.87	5.24	4.73	4.51	3.97	3.69	3.45	3.15	2.98	2.83	2.69	2.57	2.46	2.34							
	III	ULS	5.43	5.99	6.78	7.99	10.25	15.99	6.75	5.07	4.00	3.16	2.87	2.23	1.88	1.60	1.30	1.16	1.05	0.97	0.90	0.85	0.79								
		fasteners*		3		3		3		2		2		2		2		2		2		2		2		2		2		2	
		SLS	L/200	5.99	6.33	6.75	7.30	8.08	8.92	6.82	5.87	5.24	4.73	4.51	3.97	3.69	3.45	3.15	2.98	2.83	2.69	2.57	2.46	2.34							
Double span	I	ULS	1.77	2.13	2.70	3.82	6.71	11.39	4.83	3.05	2.27	1.82	1.65	1.31	1.15	1.03	0.89	0.81	0.75	0.70	0.65	0.61	0.57								
		fasteners*		2	3	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.83	8.63	9.70	11.29	14.14	15.35	9.28	7.60	6.55	5.80	5.50	4.79	4.42	4.11	3.74	3.53	3.34	3.18	3.04	2.91	2.76							
	II	ULS	1.58	1.88	2.36	3.32	6.09	11.39	4.83	3.05	2.27	1.82	1.65	1.31	1.15	1.03	0.89	0.81	0.75	0.70	0.65	0.61	0.57								
		fasteners*		2	3	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.83	8.63	9.70	11.29	14.14	15.35	9.28	7.60	6.55	5.80	5.50	4.79	4.42	4.11	3.74	3.53	3.34	3.18	3.04	2.91	2.76							
	III	ULS	1.24	1.36	1.52	1.78	2.58	11.39	4.83	3.05	2.27	1.82	1.65	1.31	1.15	1.03	0.89	0.81	0.75	0.70	0.65	0.61	0.57								
		fasteners*		2	3	2	3	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.83	8.63	9.70	11.29	14.14	15.35	9.28	7.60	6.55	5.80	5.50	4.79	4.42	4.11	3.74	3.53	3.34	3.18	3.04	2.91	2.76							
Multi span	I	ULS	2.16	2.67	3.49	5.01	8.57	14.60	5.51	3.79	2.74	2.15	1.94	1.51	1.32	1.17	1.00	0.92	0.85	0.79	0.73	0.69	0.64								
		fasteners*		2	3	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.49	8.21	9.19	10.63	13.24	13.55	8.80	7.27	6.31	5.62	5.34	4.68	4.34	4.05	3.69	3.49	3.31	3.15	3.01	2.88	2.74							
	II	ULS	2.01	2.49	3.29	4.80	8.36	14.60	5.51	3.79	2.74	2.15	1.94	1.51	1.32	1.17	1.00	0.92	0.85	0.79	0.73	0.69	0.64								
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.49	8.21	9.19	10.63	13.24	13.55	8.80	7.27	6.31	5.62	5.34	4.68	4.34	4.05	3.69	3.49	3.31	3.15	3.01	2.88	2.74							
	III	ULS	1.77	2.20	2.96	4.45	8.03	14.60	5.51	3.79	2.74	2.15	1.94	1.51	1.32	1.17	1.00	0.92	0.85	0.79	0.73	0.69	0.64								
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	7.49	8.21	9.19	10.63	13.24	13.55	8.80	7.27	6.31	5.62	5.34	4.68	4.34	4.05	3.69	3.49	3.31	3.15	3.01	2.88	2.74							

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 165/200 panels

Table

4a

Thickness of outer facing 0.50 [mm] Profile: T
Thickness of inner facing 0.50 [mm] Profile: L, M, R, P
Temperature outside of a building +55 °C; +65 °C; +80 °C / -20 °C
Temperature inside of a building +25 °C / +20 °C
Minimal width of edge support 40 [mm]
Minimal width of central support 60 [mm]
* Required number of fasteners

ULS – Ultimate Limit Stress
SLS – Serviceability Limit State

(summer/winter)
(summer/winter)

a b

a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m ²]																							
			-1.2	-1.0	-0.8	-0.6	-0.4	-0.2	0.6	1.0	1.4	1.8	2.0	2.6	3.0	3.4	4.0	4.4	4.8	5.2	5.6	6.0	6.5			
Single span	I	ULS	5.65	6.91	8.19	9.70	12.53	15.99	7.48	5.35	3.96	3.14	2.85	2.22	1.94	1.72	1.47	1.32	1.18	1.07	0.98	0.91	0.84			
		fasteners*		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
		SLS	L/200	7.10	7.77	8.68	9.83	9.83	9.83	7.61	6.59	5.88	5.32	5.07	4.46	4.14	3.87	3.53	3.34	3.17	3.02	2.88	2.75	2.59		
	II	ULS	5.65	6.91	8.19	9.70	12.53	15.99	7.48	5.35	3.96	3.14	2.85	2.22	1.94	1.72	1.47	1.32	1.18	1.07	0.98	0.91	0.84			
		fasteners*		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
		SLS	L/200	7.10	7.77	8.68	9.75	9.83	9.83	7.61	6.59	5.88	5.32	5.07	4.46	4.14	3.87	3.53	3.34	3.17	3.02	2.88	2.75	2.59		
	III	ULS	5.65	6.91	8.19	9.70	12.53	15.99	7.48	5.35	3.96	3.14	2.85	2.22	1.94	1.72	1.47	1.32	1.18	1.07	0.98	0.91	0.84			
		fasteners*		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
		SLS	L/200	6.82	7.21	7.70	8.34	9.28	9.83	7.61	6.59	5.88	5.32	5.07	4.46	4.14	3.87	3.53	3.34	3.17	3.02	2.88	2.75	2.59		
Double span	I	ULS	1.76	2.10	2.64	3.68	6.60	13.45	4.53	2.92	2.20	1.78	1.63	1.30	1.14	1.02	0.88	0.81	0.75	0.70	0.65	0.61	0.57			
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2		
		SLS	L/200	8.91	9.83	11.09	12.97	15.99	15.99	10.38	8.51	7.33	6.49	6.15	5.34	4.93	4.58	4.15	3.91	3.70	3.52	3.35	3.20	3.04		
	II	ULS	1.56	1.84	2.23	3.07	5.74	13.45	4.53	2.92	2.20	1.78	1.63	1.30	1.14	1.02	0.88	0.81	0.75	0.70	0.65	0.61	0.57			
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2		
		SLS	L/200	8.91	9.83	11.09	12.97	15.99	15.99	10.38	8.51	7.33	6.49	6.15	5.34	4.93	4.58	4.15	3.91	3.70	3.52	3.35	3.20	3.04		
	III	ULS	1.19	1.29	1.42	1.59	1.87	13.45	4.53	2.92	2.20	1.78	1.63	1.30	1.14	1.02	0.88	0.81	0.75	0.70	0.65	0.61	0.57			
		fasteners*		2	3	2	3	2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2		
		SLS	L/200	8.91	9.83	11.09	12.97	15.99	15.99	10.38	8.51	7.33	6.49	6.15	5.34	4.93	4.58	4.15	3.91	3.70	3.52	3.35	3.20	3.04		
Multi span	I	ULS	2.11	2.61	3.43	4.98	8.74	15.99	5.62	3.64	2.64	2.08	1.89	1.48	1.29	1.15	0.99	0.91	0.84	0.78	0.73	0.68	0.64			
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2		
		SLS	L/200	8.52	9.36	10.50	12.22	14.82	14.82	9.86	8.15	7.07	6.30	5.99	5.24	4.85	4.52	4.11	3.88	3.68	3.50	3.34	3.19	3.03		
	II	ULS	1.94	2.39	3.17	4.70	8.46	15.99	5.62	3.64	2.64	2.08	1.89	1.48	1.29	1.15	0.99	0.91	0.84	0.78	0.73	0.68	0.64			
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2		
		SLS	L/200	8.52	9.36	10.50	12.22	14.82	14.82	9.86	8.15	7.07	6.30	5.99	5.24	4.85	4.52	4.11	3.88	3.68	3.50	3.34	3.19	3.03		
	III	ULS	1.68	2.06	2.74	4.21	8.00	15.99	5.62	3.64	2.64	2.08	1.89	1.48	1.29	1.15	0.99	0.91	0.84	0.78	0.73	0.68	0.64			
		fasteners*		2	3	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2		
		SLS	L/200	8.52	9.36	10.50	12.22	14.82	14.82	9.86	8.15	7.07	6.30	5.99	5.24	4.85	4.52	4.11	3.88	3.68	3.50	3.34	3.19	3.03		

Maximum allowable wind and snow load [kN/m²] for the length of span
for TD 165/200 panels

Table

4b

Thickness of outer facing 0.50 [mm] Profile: T
Thickness of inner facing 0.40 [mm] Profile: L, M, R, P
Temperature outside of a building +55 °C; +65 °C; +80 °C / -20 °C
Temperature inside of a building +25 °C / +20 °C
Minimal width of edge support 40 [mm]
Minimal width of central support 60 [mm]
* Required number of fasteners

ULS – Ultimate Limit Stress
SLS – Serviceability Limit State

(summer/winter)
(summer/winter)

a b

a – on edge support
b – on central support

Static diagram	Colours group	Criterion	Service load [kN/m²]																					
			-1.2	-1.0	-0.8	-0.6	-0.4	-0.2	0.6	1.0	1.4	1.8	2.0	2.6	3.0	3.4	4.0	4.4	4.8	5.2	5.6	6.0	6.5	
Single span	I	ULS	5.62	6.38	7.23	8.54	10.98	15.99	7.40	5.39	3.98	3.15	2.86	2.23	1.94	1.72	1.47	1.32	1.18	1.07	0.98	0.91	0.84	
		fasteners* ₃		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.81	7.44	8.30	9.57	9.74	9.74	7.44	6.41	5.72	5.16	4.92	4.34	4.03	3.78	3.45	3.27	3.10	2.96	2.82	2.70	2.57
	II	ULS	5.62	6.38	7.23	8.54	10.98	15.99	7.40	5.39	3.98	3.15	2.86	2.23	1.94	1.72	1.47	1.32	1.18	1.07	0.98	0.91	0.84	
		fasteners* ₃		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.81	7.44	8.30	9.43	9.74	9.74	7.44	6.41	5.72	5.16	4.92	4.34	4.03	3.78	3.45	3.27	3.10	2.96	2.82	2.70	2.57
	III	ULS	5.62	6.38	7.23	8.54	10.98	15.99	7.40	5.39	3.98	3.15	2.86	2.23	1.94	1.72	1.47	1.32	1.18	1.07	0.98	0.91	0.84	
		fasteners* ₃		3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		SLS	L/200	6.65	7.03	7.50	8.14	9.06	9.74	7.44	6.41	5.72	5.16	4.92	4.34	4.03	3.78	3.45	3.27	3.10	2.96	2.82	2.70	2.57
Double span	I	ULS	1.77	2.12	2.68	3.76	6.67	11.75	4.70	2.99	2.24	1.80	1.64	1.31	1.15	1.03	0.89	0.81	0.75	0.70	0.65	0.61	0.57	
		fasteners* _{2 3}		2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS	L/200	8.58	9.45	10.63	12.38	15.56	15.99	10.06	8.26	7.13	6.33	6.00	5.22	4.83	4.49	4.08	3.85	3.65	3.47	3.31	3.16	3.00
	II	ULS	1.57	1.87	2.32	3.22	5.94	11.75	4.70	2.99	2.24	1.80	1.64	1.31	1.15	1.03	0.89	0.81	0.75	0.70	0.65	0.61	0.57	
		fasteners* _{2 3}		2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS	L/200	8.58	9.45	10.63	12.38	15.56	15.99	10.06	8.26	7.13	6.33	6.00	5.22	4.83	4.49	4.08	3.85	3.65	3.47	3.31	3.16	3.00
	III	ULS	1.22	1.33	1.47	1.68	2.09	11.75	4.70	2.99	2.24	1.80	1.64	1.31	1.15	1.03	0.89	0.81	0.75	0.70	0.65	0.61	0.57	
		fasteners* _{2 3}		2 3	2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS	L/200	8.58	9.45	10.63	12.38	15.56	15.99	10.06	8.26	7.13	6.33	6.00	5.22	4.83	4.49	4.08	3.85	3.65	3.47	3.31	3.16	3.00
Multi span	I	ULS	2.14	2.64	3.46	5.00	8.65	15.03	5.75	3.72	2.70	2.12	1.92	1.49	1.31	1.16	1.00	0.91	0.84	0.78	0.73	0.69	0.64	
		fasteners* _{2 3}		2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	
		SLS	L/200	8.19	8.98	10.05	11.65	14.56	14.62	9.54	7.90	6.87	6.13	5.83	5.11	4.74	4.42	4.03	3.81	3.61	3.44	3.28	3.14	2.99
	II	ULS	1.97	2.44	3.24	4.76	8.41	15.03	5.75	3.72	2.70	2.12	1.92	1.49	1.31	1.16	1.00	0.91	0.84	0.78	0.73	0.69	0.64	
		fasteners* _{2 3}		2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS	L/200	8.19	8.98	10.05	11.65	14.56	14.62	9.54	7.90	6.87	6.13	5.83	5.11	4.74	4.42	4.03	3.81	3.61	3.44	3.28	3.14	2.99
	III	ULS	1.72	2.13	2.86	4.35	8.02	15.03	5.75	3.72	2.70	2.12	1.92	1.49	1.31	1.16	1.00	0.91	0.84	0.78	0.73	0.69	0.64	
		fasteners* _{2 3}		2 3	2 3	2 3	2 3	2 3	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
		SLS	L/200	8.19	8.98	10.05	11.65	14.56	14.62	9.54	7.90	6.87	6.13	5.83	5.11	4.74	4.42	4.03	3.81	3.61	3.44	3.28	3.14	2.99