

MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 1 kPa					Shoring Tables 		
	20 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in meters (m.)					Metric		
Number of shoring lines required	Total slab thickness (mm)							
	267	279	292	305	318	330	343	356
None	4.79	4.61	4.45	4.31	4.18	4.06	3.95	3.84
1 line at center of span	5.79	5.21	4.73	4.33	3.99	3.71	3.46	3.24
2 lines equally spaced across span	9.87	8.87	8.06	7.38	6.81	6.32	5.89	5.52

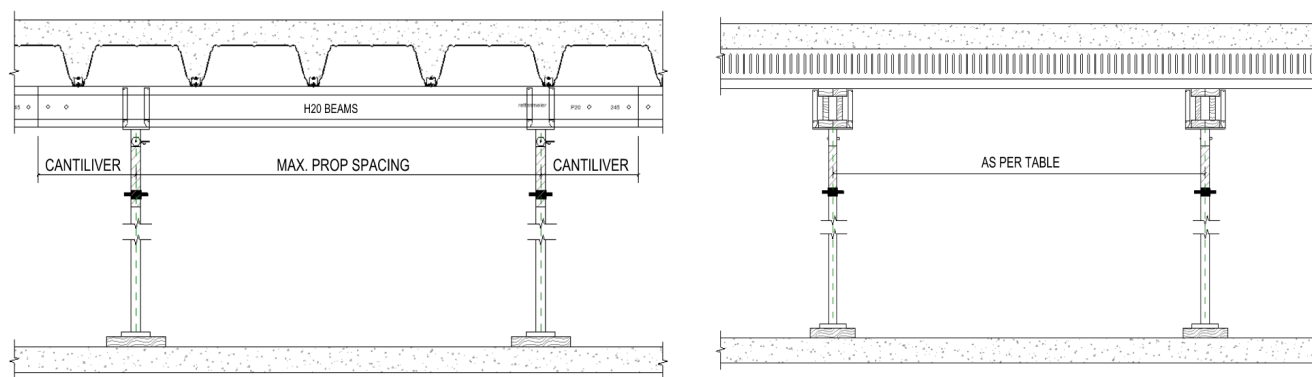
MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 1 kPa					Shoring Tables 		
	18 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in meters (m)					Metric		
Number of shoring lines required	Total slab thickness (mm)							
	267	279	292	305	318	330	343	356
None	5.10	4.96	4.85	4.74	4.61	4.48	4.36	4.25
1 line at center of span	7.81	7.15	6.60	6.08	5.61	5.21	4.86	4.56
2 lines equally spaced across span	11.00	11.00	11.00	10.37	9.57	8.88	8.29	7.77

MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 1 kPa					Shoring Tables 		
	16 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in meters (m)					Metric		
Number of shoring lines required	Total slab thickness (mm)							
	267	279	292	305	318	330	343	356
None	5.42	5.28	5.16	5.05	4.95	4.86	4.78	4.70
1 line at center of span	11.00	10.75	9.93	9.22	8.61	8.07	7.60	7.18
2 lines equally spaced across span	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00

TABLE NOTES:

- Purpose of this table is to provide guidance on the required number of shoring lines.
- Maximum unshored span values in above tables are limited to the maximum spans based on strength and deflection criteria of L/180 or max.20 mm as per CSSBI 12M-2018: Standard for Composite Steel Deck.
- Max. Prop spacing and shoring configuration as per the specifications of used shoring system and to be confirmed by the Project's Shoring Engineer.
- Values are based on Normal Density of Concrete = 2400 kg/m³.
- The uniform construction live load of 1 kPa is considered adequate for typical construction applications that consists of transport and placement by hose and finishing by hand tools. If concrete is poured using bucket/chutes and heavier equipments are used for finishing, uniform construction live load of 2.4 kPa or higher to be used.

TYPICAL SHORING SECTIONS:



MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 2.4 kPa					Shoring Tables 		
	20 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in meters (m)					Metric		
Number of shoring lines required	Total slab thickness (mm)							
	267	279	292	305	318	330	343	356
None	3.99	3.89	3.79	3.71	3.62	3.54	3.47	3.40
1 line at center of span	4.69	4.37	4.10	3.85	3.63	3.44	3.26	3.11
2 lines equally spaced across span	8.00	7.46	6.98	6.56	6.19	5.86	5.56	5.30

MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 2.4 kPa					Shoring Tables 		
	18 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in meters (m)					Metric		
Number of shoring lines required	Total slab thickness (mm)							
	267	279	292	305	318	330	343	356
None	4.40	4.29	4.18	4.09	3.99	3.91	3.83	3.75
1 line at center of span	6.21	5.79	5.43	5.10	4.81	4.56	4.33	4.12
2 lines equally spaced across span	10.59	9.87	9.25	8.70	8.21	7.77	7.38	7.02

MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 2.4 kPa					Shoring Tables 		
	16 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in meters (m)					Metric		
Number of shoring lines required	Total slab thickness (mm)							
	267	279	292	305	318	330	343	356
None	5.05	4.92	4.80	4.69	4.59	4.49	4.40	4.31
1 line at center of span	9.35	8.72	8.17	7.69	7.26	6.87	6.53	6.21
2 lines equally spaced across span	11.00	11.00	11.00	11.00	11.00	11.00	11.00	10.59

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2. Maximum unshored span values in above tables are limited to the maximum spans based on strength and deflection criteria of L/180 or max.20 mm as per CSSBI 12M-2018: Standard for Composite Steel Deck.
3. Max. Prop spacing and shoring configuration as per the specifications of used shoring system and to be confirmed by the Project's Shoring Engineer.
4. Values are based on Normal Density of Concrete = 2400 kg/m³.
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TYPICAL SHORING SECTIONS:

