

ProSigma+ S390 (Prepainted) - Single Span Sleeved Rails - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads									Ultimate U.D.L. in kN/Span				
			Allowable loading in kN/m ²									Deflection Span /150	Gravity Load	Uplift - metal cladding		
			Rail Centres in millimetres			2400			2600					Number of anti sag rods		
1200	1400	1600	1800	2000	2200	2400	2600	2800	0	1	2					
S390 - Single Span Sleeved Rails - Span = 3m																
DP-PSP145/65/150	3.71	16.82	4.67	4.00	3.50	3.11	2.80	2.55	2.34	2.16	2.00	27.95	25.23	25.23	25.23	25.23
DP-PSP145/65/200	4.91	27.84	7.73	6.63	5.80	5.16	4.64	4.22	3.87	3.57	3.31	36.55	41.76	41.76	41.76	41.76
DP-PSP175/65/150	4.06	21.66	6.02	5.16	4.51	4.01	3.61	3.28	3.01	2.78	2.58	36.66	32.49	32.49	32.49	32.49
DP-PSP175/65/200	5.37	35.92	9.98	8.55	7.48	6.65	5.99	5.44	4.99	4.61	4.28	48.02	53.89	53.89	53.89	53.89
DP-PSP205/65/150	4.4	26.89	7.47	6.40	5.60	4.98	4.48	4.07	3.73	3.45	3.20	53.29	40.33	40.33	40.33	40.33
DP-PSP205/65/200	5.83	44.65	12.40	10.63	9.30	8.27	7.44	6.77	6.20	5.72	5.32	69.92	66.98	66.98	66.98	66.98
DP-PSP235/65/150	4.75	32.48	9.02	7.73	6.77	6.01	5.41	4.92	4.51	4.16	3.87	64.82	48.71	48.71	48.71	48.71
DP-PSP235/65/200	6.29	54.01	15.00	12.86	11.25	10.00	9.00	8.18	7.50	6.92	6.43	85.15	81.01	80.21	81.01	81.01
DP-PSP265/65/150	5.09	38.43	10.67	9.15	8.01	7.12	6.40	5.82	5.34	4.93	4.57	86.49	57.64	57.64	57.64	57.64
DP-PSP265/65/200	6.75	63.97	17.77	15.23	13.33	11.85	10.66	9.69	8.89	8.20	7.62	113.73	95.96	88.82	95.96	95.96
DP-PSP300/65/150	5.49	45.82	12.73	10.91	9.55	8.48	7.64	6.94	6.36	5.87	5.45	116.74	68.73	65.51	68.73	68.73
DP-PSP300/65/200	7.29	76.37	21.21	18.18	15.91	14.14	12.73	11.57	10.61	9.79	9.09	153.69	114.55	100.11	114.55	114.55
DP-PSP325/65/150	5.78	51.39	14.28	12.24	10.71	9.52	8.57	7.79	7.14	6.59	6.12	141.86	77.09	70.15	77.09	77.09
DP-PSP325/65/200	7.68	85.72	23.81	20.41	17.86	15.87	14.29	12.99	11.91	10.99	10.20	186.89	128.58	106.69	128.58	128.58
S390 - Single Span Sleeved Rails - Span = 3.5m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	14.42	3.43	2.94	2.57	2.29	2.06	1.87	1.72	1.58	1.47	20.54	21.63	21.63	21.63	21.63
DP-PSP145/65/200	4.91	23.86	5.68	4.87	4.26	3.79	3.41	3.10	2.84	2.62	2.43	26.85	35.79	35.79	35.79	35.79
DP-PSP175/65/150	4.06	18.57	4.42	3.79	3.32	2.95	2.65	2.41	2.21	2.04	1.89	26.93	27.85	27.85	27.85	27.85
DP-PSP175/65/200	5.37	30.79	7.33	6.28	5.50	4.89	4.40	4.00	3.67	3.38	3.14	35.28	46.19	45.50	46.19	46.19
DP-PSP205/65/150	4.4	23.05	5.49	4.70	4.12	3.66	3.29	2.99	2.74	2.53	2.35	39.15	34.57	33.03	34.57	34.57
DP-PSP205/65/200	5.83	38.27	9.11	7.81	6.83	6.08	5.47	4.97	4.56	4.21	3.91	51.37	57.41	51.15	57.41	57.41
DP-PSP235/65/150	4.75	27.84	6.63	5.68	4.97	4.42	3.98	3.62	3.31	3.06	2.84	47.62	41.76	39.07	41.76	41.76
DP-PSP235/65/200	6.29	46.29	11.02	9.45	8.27	7.35	6.61	6.01	5.51	5.09	4.72	62.56	69.44	60.51	69.44	69.44
DP-PSP265/65/150	5.09	32.94	7.84	6.72	5.88	5.23	4.71	4.28	3.92	3.62	3.36	63.54	49.41	43.25	49.41	49.41
DP-PSP265/65/200	6.75	54.83	13.06	11.19	9.79	8.70	7.83	7.12	6.53	6.03	5.60	83.56	82.25	66.60	82.25	82.25
DP-PSP300/65/150	5.49	39.27	9.35	8.01	7.01	6.23	5.61	5.10	4.68	4.32	4.01	85.77	58.91	48.72	58.91	58.91
DP-PSP300/65/200	7.29	65.46	15.58	13.36	11.69	10.39	9.35	8.50	7.79	7.19	6.68	112.92	98.18	74.75	98.18	98.18
DP-PSP325/65/150	5.78	44.05	10.49	8.99	7.87	6.99	6.29	5.72	5.24	4.84	4.50	104.22	66.08	51.91	66.08	66.08
DP-PSP325/65/200	7.68	73.47	17.49	14.99	13.12	11.66	10.50	9.54	8.75	8.07	7.50	137.31	110.21	79.29	110.21	110.21
S390 - Single Span Sleeved Rails - Span = 4m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	12.62	2.63	2.25	1.97	1.75	1.58	1.43	1.31	1.21	1.13	15.72	18.92	18.92	18.92	18.92
DP-PSP145/65/200	4.91	20.56	4.28	3.67	3.21	2.86	2.57	2.34	2.14	1.98	1.84	20.56	31.32	31.03	31.32	31.32
DP-PSP175/65/150	4.06	16.25	3.38	2.90	2.54	2.26	2.03	1.85	1.69	1.56	1.45	20.62	24.37	22.98	24.37	24.37
DP-PSP175/65/200	5.37	26.94	5.61	4.81	4.21	3.74	3.37	3.06	2.81	2.59	2.41	27.01	40.41	36.18	40.41	40.41
DP-PSP205/65/150	4.4	20.16	4.20	3.60	3.15	2.80	2.52	2.29	2.10	1.94	1.80	29.98	30.25	25.85	30.25	30.25
DP-PSP205/65/200	5.83	33.49	6.98	5.98	5.23	4.65	4.19	3.81	3.49	3.22	2.99	39.33	50.24	40.34	50.24	50.24
DP-PSP235/65/150	4.75	24.36	5.07	4.35	3.81	3.38	3.04	2.77	2.54	2.34	2.17	36.46	36.54	30.58	36.54	36.54
DP-PSP235/65/200	6.29	40.51	8.44	7.23	6.33	5.63	5.06	4.60	4.22	3.89	3.62	47.89	60.76	47.75	60.76	60.76
DP-PSP265/65/150	5.09	28.82	6.00	5.15	4.50	4.00	3.60	3.27	3.00	2.77	2.57	48.65	43.23	33.66	43.23	43.23
DP-PSP265/65/200	6.75	47.98	10.00	8.57	7.50	6.66	6.00	5.45	5.00	4.61	4.28	63.97	71.97	52.30	71.97	71.97
DP-PSP300/65/150	5.49	34.36	7.16	6.14	5.37	4.77	4.30	3.90	3.58	3.30	3.07	65.67	51.55	37.79	51.55	51.55
DP-PSP300/65/200	7.29	57.27	11.93	10.23	8.95	7.95	7.16	6.51	5.97	5.51	5.11	86.45	85.91	58.52	83.66	85.91
DP-PSP325/65/150	5.78	38.54	8.03	6.88	6.02	5.35	4.82	4.38	4.02	3.71	3.44	79.80	57.82	40.10	57.82	57.82
DP-PSP325/65/200	7.68	64.29	13.39	11.48	10.04	8.93	8.04	7.31	6.70	6.18	5.74	105.13	96.43	61.85	89.50	96.43
S390 - Single Span Sleeved Rails - Span = 4.5m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	11.21	2.08	1.78	1.56	1.38	1.25	1.13	1.04	0.96	0.89	12.42	16.82	16.04	16.82	16.82
DP-PSP145/65/200	4.91	16.24	3.01	2.58	2.26	2.01	1.80	1.64	1.50	1.39	1.29	16.24	27.84	25.70	27.84	27.84
DP-PSP175/65/150	4.06	14.44	2.67	2.29	2.01	1.78	1.60	1.46	1.34	1.23	1.15	16.29	21.66	18.73	21.66	21.66
DP-PSP175/65/200	5.37	21.34	3.95	3.39	2.96	2.63	2.37	2.16	1.98	1.82	1.69	21.34	35.92	29.78	35.92	35.92
DP-PSP205/65/150	4.4	17.92	3.32	2.85	2.49	2.21	1.99	1.81	1.66	1.53	1.42	23.69	26.89	20.92	26.89	26.89
DP-PSP205/65/200	5.83	29.77	5.51	4.73	4.13	3.68	3.31	3.01	2.76	2.54	2.36	31.07	44.65	32.98	44.65	44.65
DP-PSP235/65/150	4.75	21.65	4.01	3.44	3.01	2.67	2.41	2.19	2.00	1.85	1.72	28.81	32.48	24.76	32.48	32.48
DP-PSP235/65/200	6.29	36.00	6.67	5.72	5.00	4.45	4.00	3.64	3.33	3.08	2.86	37.84	54.01	39.07	53.47	54.01
DP-PSP265/65/150	5.09	25.62	4.74	4.07	3.56	3.16	2.85	2.59	2.37	2.19	2.03	38.44	38.43	27.14	38.43	38.43
DP-PSP265/65/200	6.75	42.65	7.90	6.77	5.92	5.27	4.74	4.31	3.95	3.65	3.38	50.55	63.97	42.62	59.21	63.97
DP-PSP300/65/150	5.49	30.55	5.66	4.85	4.24	3.77	3.39	3.09	2.83	2.61	2.42	51.89	45.82	30.39	43.68	45.82
DP-PSP300/65/200	7.29	50.91	9.43	8.08	7.07	6.29	5.66	5.14	4.71	4.35	4.04	68.31	76.37	47.58	66.74	76.37
DP-PSP325/65/150	5.78	34.26	6.34	5.44	4.76	4.23	3.81	3.46	3.17	2.93	2.72	63.05	51.39	32.14	46.76	51.39
DP-PSP325/65/200	7.68	57.14	10.58	9.07	7.94	7.05	6.35	5.77	5.29	4.88	4.54	83.06	85.72	50.12	71.13	85.72
S390 - Single Span Sleeved Rails - Span = 5m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	10.06	1.68	1.44	1.26	1.12	1.01	0.91	0.84	0.77	0.72	10.06	15.14	13.51	15.14	15.14
DP-PSP145/65/200																

ProSigma+ S390 (Prepainted) - Single Span Sleeved Rails - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads									Ultimate U.D.L. in kN/Span				
			Allowable loading in kN/m ²									Deflection Span /150	Gravity Load	Uplift - metal cladding		
			Rail Centres in millimetres											Number of anti sag rods		
			1200	1400	1600	1800	2000	2200	2400	2600	2800			0	1	2
DP-PSP145/65/200	4.91	10.87	1.65	1.41	1.24	1.10	0.99	0.90	0.82	0.76	0.71	10.87	22.78	18.96	22.78	22.78
DP-PSP175/65/150	4.06	10.91	1.65	1.42	1.24	1.10	0.99	0.90	0.83	0.76	0.71	10.91	17.72	13.44	17.72	17.72
DP-PSP175/65/200	5.37	14.29	2.16	1.86	1.62	1.44	1.30	1.18	1.08	1.00	0.93	14.29	29.39	21.78	27.98	29.39
DP-PSP205/65/150	4.4	14.67	2.22	1.90	1.67	1.48	1.33	1.21	1.11	1.03	0.95	15.86	22.00	14.84	20.21	22.00
DP-PSP205/65/200	5.83	20.80	3.15	2.70	2.36	2.10	1.89	1.72	1.58	1.45	1.35	20.80	36.53	23.87	31.36	36.53
DP-PSP235/65/150	4.75	17.71	2.68	2.30	2.01	1.79	1.61	1.46	1.34	1.24	1.15	19.29	26.57	17.59	23.90	26.57
DP-PSP235/65/200	6.29	25.33	3.84	3.29	2.88	2.56	2.30	2.09	1.92	1.77	1.64	25.33	44.19	28.33	37.11	44.19
DP-PSP265/65/150	5.09	20.96	3.18	2.72	2.38	2.12	1.91	1.73	1.59	1.47	1.36	25.73	31.44	19.15	26.41	31.44
DP-PSP265/65/200	6.75	33.84	5.13	4.39	3.85	3.42	3.08	2.80	2.56	2.37	2.20	33.84	52.34	30.71	40.77	52.34
DP-PSP300/65/150	5.49	24.99	3.79	3.25	2.84	2.52	2.27	2.07	1.89	1.75	1.62	34.73	37.49	21.36	29.71	37.49
DP-PSP300/65/200	7.29	41.65	6.31	5.41	4.73	4.21	3.79	3.44	3.16	2.91	2.70	45.73	62.48	34.17	45.71	62.48
DP-PSP325/65/150	5.78	28.03	4.25	3.64	3.19	2.83	2.55	2.32	2.12	1.96	1.82	42.21	42.05	22.47	31.61	42.05
DP-PSP325/65/200	7.68	46.75	7.08	6.07	5.31	4.72	4.25	3.86	3.54	3.27	3.04	55.60	70.13	35.82	48.43	70.13

S390 - Single Span Sleeved Rails - Span = 6m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	6.99	0.97	0.83	0.73							6.99	12.62	10.18	12.62	12.62
DP-PSP145/65/200	4.91	9.14	1.27	1.09	0.95	0.85	0.76	0.69				9.14	20.88	16.74	20.69	20.88
DP-PSP175/65/150	4.06	9.16	1.27	1.09	0.95	0.85	0.76	0.69				9.16	16.25	11.72	15.32	16.25
DP-PSP175/65/200	5.37	12.00	1.67	1.43	1.25	1.11	1.00	0.91	0.83	0.77	0.71	12.00	26.94	19.16	24.12	26.94
DP-PSP205/65/150	4.4	13.32	1.85	1.59	1.39	1.23	1.11	1.01	0.93	0.85	0.79	13.32	20.16	12.88	17.23	20.16
DP-PSP205/65/200	5.83	17.48	2.43	2.08	1.82	1.62	1.46	1.32	1.21	1.12	1.04	17.48	33.49	20.91	26.89	33.49
DP-PSP235/65/150	4.75	16.20	2.25	1.93	1.69	1.50	1.35	1.23	1.13	1.04	0.96	16.20	24.36	15.29	20.38	24.36
DP-PSP235/65/200	6.29	21.29	2.96	2.53	2.22	1.97	1.77	1.61	1.48	1.36	1.27	21.29	40.51	24.84	31.84	40.51
DP-PSP265/65/150	5.09	19.21	2.67	2.29	2.00	1.78	1.60	1.46	1.33	1.23	1.14	21.62	28.82	16.60	22.44	28.82
DP-PSP265/65/200	6.75	28.43	3.95	3.38	2.96	2.63	2.37	2.15	1.97	1.82	1.69	28.43	47.98	26.87	34.87	47.98
DP-PSP300/65/150	5.49	22.91	3.18	2.73	2.39	2.12	1.91	1.74	1.59	1.47	1.36	29.19	34.36	18.49	25.19	34.36
DP-PSP300/65/200	7.29	38.18	5.30	4.55	3.98	3.54	3.18	2.89	2.65	2.45	2.27	38.42	57.27	29.85	39.02	55.78
DP-PSP325/65/150	5.78	25.70	3.57	3.06	2.68	2.38	2.14	1.95	1.78	1.65	1.53	35.47	38.54	19.41	26.73	38.54
DP-PSP325/65/200	7.68	42.86	5.95	5.10	4.46	3.97	3.57	3.25	2.98	2.75	2.55	46.72	64.29	31.24	41.23	59.67

S390 - Single Span Sleeved Rails - Span = 6.5m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	5.95	0.76									5.95	11.64	9.04	11.39	11.64
DP-PSP145/65/200	4.91	7.79	1.00	0.86	0.75	0.67						7.79	19.27	14.98	18.18	19.27
DP-PSP175/65/150	4.06	7.81	1.00	0.86	0.75	0.67						7.81	15.00	10.38	13.33	15.00
DP-PSP175/65/200	5.37	10.23	1.31	1.12	0.98	0.87	0.79	0.72				10.23	24.87	17.09	21.11	24.87
DP-PSP205/65/150	4.4	11.35	1.46	1.25	1.09	0.97	0.87	0.79	0.73	0.67		11.35	18.61	11.36	14.92	18.61
DP-PSP205/65/200	5.83	14.89	1.91	1.64	1.43	1.27	1.15	1.04	0.95	0.88	0.82	14.89	30.91	18.60	23.43	30.91
DP-PSP235/65/150	4.75	13.81	1.77	1.52	1.33	1.18	1.06	0.97	0.89	0.82	0.76	13.81	22.48	13.50	17.65	22.48
DP-PSP235/65/200	6.29	18.14	2.33	1.99	1.74	1.55	1.40	1.27	1.16	1.07	1.00	18.14	37.39	22.11	27.75	37.39
DP-PSP265/65/150	5.09	17.74	2.27	1.95	1.71	1.52	1.36	1.24	1.14	1.05	0.97	18.42	26.60	14.62	19.37	26.60
DP-PSP265/65/200	6.75	24.23	3.11	2.66	2.33	2.07	1.86	1.69	1.55	1.43	1.33	24.23	44.29	23.86	30.31	42.39
DP-PSP300/65/150	5.49	21.15	2.71	2.32	2.03	1.81	1.63	1.48	1.36	1.25	1.16	24.87	31.72	16.26	21.71	31.29
DP-PSP300/65/200	7.29	32.74	4.20	3.60	3.15	2.80	2.52	2.29	2.10	1.94	1.80	32.74	52.87	26.48	33.86	47.83
DP-PSP325/65/150	5.78	23.72	3.04	2.61	2.28	2.03	1.82	1.66	1.52	1.40	1.30	30.22	35.58	17.04	22.98	33.54
DP-PSP325/65/200	7.68	39.56	5.07	4.35	3.80	3.38	3.04	2.77	2.54	2.34	2.17	39.81	59.34	27.67	35.71	51.04

S390 - Single Span Sleeved Rails - Span = 7m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/200	4.91	6.71	0.80	0.68								6.71	17.90	13.55	16.19	17.90
DP-PSP175/65/150	4.06	6.73	0.80	0.69								6.73	13.93	9.30	11.74	13.93
DP-PSP175/65/200	5.37	8.82	1.05	0.90	0.79	0.70						8.82	23.09	15.43	18.72	23.09
DP-PSP205/65/150	4.4	9.79	1.17	1.00	0.87	0.78	0.70					9.79	17.28	10.15	13.08	17.28
DP-PSP205/65/200	5.83	12.84	1.53	1.31	1.15	1.02	0.92	0.83	0.76	0.71		12.84	28.71	16.74	20.70	28.18
DP-PSP235/65/150	4.75	11.91	1.42	1.21	1.06	0.94	0.85	0.77	0.71			11.91	20.88	12.07	15.49	20.88
DP-PSP235/65/200	6.29	15.64	1.86	1.60	1.40	1.24	1.12	1.02	0.93	0.86	0.80	15.64	34.72	19.91	24.53	33.34
DP-PSP265/65/150	5.09	15.89	1.89	1.62	1.42	1.26	1.13	1.03	0.95	0.87	0.81	15.89	24.70	13.05	16.96	24.02
DP-PSP265/65/200	6.75	20.89	2.49	2.13	1.87	1.66	1.49	1.36	1.24	1.15	1.07	20.89	41.13	21.46	26.72	36.86
DP-PSP300/65/150	5.49	19.64	2.34	2.00	1.75	1.56	1.40	1.28	1.17	1.08	1.00	21.44	29.45	14.50	18.97	27.16
DP-PSP300/65/200	7.29	28.23	3.36	2.88	2.52	2.24	2.02	1.83	1.68	1.55	1.44	28.23	49.09	23.79	29.81	41.50
DP-PSP325/65/150	5.78	22.03	2.62	2.25	1.97	1.75	1.57	1.43	1.31	1.21	1.12	26.06	33.04	15.17	20.04	29.04
DP-PSP325/65/200	7.68	34.33	4.09	3.50	3.06	2.72	2.45	2.23	2.04	1.89	1.75	34.33	55.10	24.82	31.38	44.18

S390 - Single Span Sleeved Rails - Span = 7.5m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP175/65/200	5.37	7.68	0.85	0.73								7.68	21.55	14.06	16.79	21.55
DP-PSP205/65/150	4.4	8.53	0.95	0.81	0.71							8.53	16.13	9.17	11.61	16.07
DP-PSP205/65/200	5.83	11.19	1.24	1.07	0.93	0.83	0.75	0.68				11.19	26.79	15.22	18.49	24.84
DP-PSP235/65/150	4.75	10.37	1.15	0.99	0.86	0.77	0.69					10.37	19.49	10.91	13.75	19.01
DP-PSP235/65/200	6.29	13.62	1.51	1.30	1.14	1.01	0.91	0.83	0.76	0.70		13.62	32.40	18.11	21.93	29.38
DP-PSP265/65/150	5.09	13.84	1.54	1.32	1.15	1.03	0.92	0.84	0.77	0.71	0.66	13.84	23.06	11.78	15.02	21.08
DP-PSP265/65/200	6.75	18.20	2.02	1.73	1.52	1.35	1.21	1.10	1.01	0.93	0.87	18.20	38.38	19.49	23.84	32.40
DP-PSP300/65/150	5.49	18.33	2.04	1.75	1.53	1.36	1.22	1.11	1.02	0.94	0.87	18.68	27.49	13.07	16.78	23.78
DP-PSP300/65/200	7.29	24.59	2.73	2.34	2.05	1.82	1.64	1.49	1.37	1.26	1.17	24.59	45.82	21.59	26.56	36.41
DP-PSP325/65/150	5.78	20.56	2.28	1.96	1.71	1.52	1.37	1.25	1.14	1.05	0.98	22.70	30.84	13.65	17.70	25.38
DP-PSP325/65/200	7.68	29.90	3.32	2.85	2.49	2.22	1.99	1.81	1.66	1.53	1.42	29.90	51.43	22.50	27.91	38.68

S390 - Single Span Sleeved Rails - Span = 8m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800										

ProSigma+ S390 (Prepainted) - Single Span Sleeved Rails - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Ultimate U.D.L. in kN/Span				
			Allowable loading in kN/m ²										Deflection Span /150	Gravity Load	Uplift - metal cladding		
			Rail Centres in millimetres												0	1	2
1200	1400	1600	1800	2000	2200	2400	2600	2800									
DP-PSP300/65/150	5.49	16.42	1.71	1.47	1.28	1.14	1.03	0.93	0.86	0.79	0.73	16.42	25.77	11.90	15.00	21.01	
DP-PSP300/65/200	7.29	21.61	2.25	1.93	1.69	1.50	1.35	1.23	1.13	1.04	0.96	21.61	42.96	19.77	23.92	32.26	
DP-PSP325/65/150	5.78	19.27	2.01	1.72	1.51	1.34	1.20	1.10	1.00	0.93	0.86	19.95	28.91	12.41	15.80	22.37	
DP-PSP325/65/200	7.68	26.28	2.74	2.35	2.05	1.83	1.64	1.49	1.37	1.26	1.17	26.28	48.22	20.58	25.10	34.21	

S390 - Single Span Sleeved Rails - Span = 8.5m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP205/65/200	5.83	8.71	0.85	0.73	0.64							8.71	23.64	12.88	15.20	19.83
DP-PSP235/65/150	4.75	8.07	0.79	0.68								8.07	17.19	9.15	11.17	15.09
DP-PSP235/65/200	6.29	10.61	1.04	0.89	0.78	0.69						10.61	28.59	15.35	18.05	23.46
DP-PSP265/65/150	5.09	10.77	1.06	0.91	0.79	0.70	0.63	0.58	0.53	0.49	0.45	10.77	20.34	9.85	12.15	16.64
DP-PSP265/65/200	6.75	14.17	1.39	1.19	1.04	0.93	0.83	0.76	0.69	0.64	0.60	14.17	33.87	16.48	19.55	25.75
DP-PSP300/65/150	5.49	14.54	1.43	1.22	1.07	0.95	0.86	0.78	0.71			14.54	24.26	10.91	13.54	18.71
DP-PSP300/65/200	7.29	19.15	1.88	1.61	1.41	1.25	1.13	1.02	0.94	0.87	0.80	19.15	40.43	18.23	21.73	28.85
DP-PSP325/65/150	5.78	17.67	1.73	1.48	1.30	1.15	1.04	0.94	0.87	0.80	0.74	17.67	27.21	11.38	14.24	19.89
DP-PSP325/65/200	7.68	23.28	2.28	1.96	1.71	1.52	1.37	1.24	1.14	1.05	0.98	23.28	45.38	18.96	22.77	30.54

S390 - Single Span Sleeved Rails - Span = 9m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP205/65/200	5.83	7.77	0.72									7.77	22.33	11.97	13.94	17.93
DP-PSP235/65/150	4.75	7.20	0.67									7.20	16.24	8.47	10.19	13.59
DP-PSP235/65/200	6.29	9.46	0.88	0.75								9.46	27.00	14.27	16.56	21.22
DP-PSP265/65/150	5.09	9.61	0.89	0.76	0.67							9.61	19.21	9.10	11.07	14.96
DP-PSP265/65/200	6.75	12.64	1.17	1.00	0.88	0.78	0.70					12.64	31.99	15.30	17.91	23.25
DP-PSP300/65/150	5.49	12.97	1.20	1.03	0.90	0.80	0.72					12.97	22.91	10.08	12.32	16.80
DP-PSP300/65/200	7.29	17.08	1.58	1.36	1.19	1.05	0.95	0.86	0.79	0.73	0.68	17.08	38.18	16.92	19.90	26.01
DP-PSP325/65/150	5.78	15.76	1.46	1.25	1.09	0.97	0.88	0.80	0.73	0.67		15.76	25.70	10.50	12.94	17.82
DP-PSP325/65/200	7.68	20.77	1.92	1.65	1.44	1.28	1.15	1.05	0.96	0.89	0.82	20.77	42.86	17.59	20.83	27.49

S390 - Single Span Sleeved Rails - Span = 9.5m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP235/65/200	6.29	8.49	0.74									8.49	25.58	13.33	15.30	19.34
DP-PSP265/65/150	5.09	8.62	0.76	0.65								8.62	18.20	8.47	10.15	13.54
DP-PSP265/65/200	6.75	11.34	0.99	0.85	0.75	0.66						11.34	30.30	14.28	16.53	21.14
DP-PSP300/65/150	5.49	11.64	1.02	0.88	0.77	0.68						11.64	21.70	9.37	11.30	15.18
DP-PSP300/65/200	7.29	15.33	1.34	1.15	1.01	0.90	0.81	0.73	0.67			15.33	36.17	15.79	18.35	23.63
DP-PSP325/65/150	5.78	14.15	1.24	1.06	0.93	0.83	0.74	0.68				14.15	24.34	9.75	11.84	16.09
DP-PSP325/65/200	7.68	18.64	1.63	1.40	1.23	1.09	0.98	0.89	0.82	0.75	0.70	18.64	40.60	16.40	19.18	24.93

S390 - Single Span Sleeved Rails - Span = 10m																
Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP265/65/200	6.75	10.24	0.85	0.73								10.24	28.79	13.40	15.34	19.35
DP-PSP300/65/150	5.49	10.51	0.88	0.75								10.51	20.62	8.75	10.42	13.81
DP-PSP300/65/200	7.29	13.83	1.15	0.99	0.86	0.77	0.69					13.83	34.36	14.80	17.01	21.60
DP-PSP325/65/150	5.78	12.77	1.06	0.91	0.80	0.71						12.77	23.13	9.10	10.91	14.62
DP-PSP325/65/200	7.68	16.82	1.40	1.20	1.05	0.93	0.84	0.76	0.70			16.82	38.57	15.37	17.77	22.77