

ProSigma+ S390 (Prepainted) - Single Span Purlins - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span /180	Gravity Load	Ultimate U.D.L. in kN/Span		
			Allowable loading in kN/m ²												Uplift - metal cladding		
			Purlin Centres in millimetres												Number of anti sag rods		
			1200	1400	1600	1800	2000	2200	2400	2600	2800			0	1	2	
S390 - Single Span Purlins - Span = 3m																	
DP-PSP145/65/150	3.71	13.34	3.71	3.18	2.78	2.47	2.22	2.02	1.85	1.71	1.59	21.41	20.01	16.07	20.01	20.01	
DP-PSP145/65/200	4.91	23.23	6.45	5.53	4.84	4.30	3.87	3.52	3.23	2.98	2.77	27.99	34.85	25.34	34.85	34.85	
DP-PSP175/65/150	4.06	17.18	4.77	4.09	3.58	3.18	2.86	2.60	2.39	2.20	2.05	28.57	25.77	19.00	25.77	25.77	
DP-PSP175/65/200	5.37	29.98	8.33	7.14	6.25	5.55	5.00	4.54	4.16	3.84	3.57	37.42	44.97	29.71	44.97	44.97	
DP-PSP205/65/150	4.4	21.32	5.92	5.08	4.44	3.95	3.55	3.23	2.96	2.73	2.54	41.54	31.99	21.50	31.99	31.99	
DP-PSP205/65/200	5.83	37.27	10.35	8.87	7.76	6.90	6.21	5.65	5.18	4.78	4.44	54.49	55.90	33.34	52.85	55.90	
DP-PSP235/65/150	4.75	25.76	7.15	6.13	5.37	4.77	4.29	3.90	3.58	3.30	3.07	51.69	38.64	25.43	38.64	38.64	
DP-PSP235/65/200	6.29	45.07	12.52	10.73	9.39	8.35	7.51	6.83	6.26	5.78	5.37	67.90	67.61	39.44	62.96	67.61	
DP-PSP265/65/150	5.09	30.48	8.47	7.26	6.35	5.64	5.08	4.62	4.23	3.91	3.63	68.97	45.72	28.12	44.49	45.72	
DP-PSP265/65/200	6.75	53.39	14.83	12.71	11.12	9.89	8.90	8.09	7.42	6.85	6.36	90.69	80.09	43.37	71.04	80.09	
DP-PSP300/65/150	5.49	36.34	10.09	8.65	7.57	6.73	6.06	5.51	5.05	4.66	4.33	93.09	54.51	31.65	51.22	54.51	
DP-PSP300/65/200	7.29	63.73	17.70	15.17	13.28	11.80	10.62	9.66	8.85	8.17	7.59	122.56	95.60	48.64	81.33	95.60	
DP-PSP325/65/150	5.78	40.76	11.32	9.71	8.49	7.55	6.79	6.18	5.66	5.23	4.85	113.12	61.14	33.69	55.64	61.14	
DP-PSP325/65/200	7.68	71.54	19.87	17.03	14.90	13.25	11.92	10.84	9.94	9.17	8.52	149.03	107.31	51.55	87.91	107.31	
S390 - Single Span Purlins - 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	11.43	2.72	2.33	2.04	1.82	1.63	1.49	1.36	1.26	1.17	15.73	17.15	12.35	17.15	17.15	
DP-PSP145/65/200	4.91	19.92	4.74	4.06	3.56	3.16	2.85	2.59	2.37	2.19	2.03	20.56	29.87	19.66	29.33	29.87	
DP-PSP175/65/150	4.06	14.73	3.51	3.01	2.63	2.34	2.10	1.91	1.75	1.62	1.50	20.99	22.09	14.47	22.09	22.09	
DP-PSP175/65/200	5.37	25.70	6.12	5.24	4.59	4.08	3.67	3.34	3.06	2.82	2.62	27.49	38.55	22.86	35.30	38.55	
DP-PSP205/65/150	4.4	18.28	4.35	3.73	3.26	2.90	2.61	2.37	2.18	2.01	1.87	30.52	27.42	16.23	25.84	27.42	
DP-PSP205/65/200	5.83	31.94	7.61	6.52	5.70	5.07	4.56	4.15	3.80	3.51	3.26	40.03	47.92	25.42	40.72	47.92	
DP-PSP235/65/150	4.75	22.08	5.26	4.51	3.94	3.50	3.15	2.87	2.63	2.43	2.25	37.97	33.12	19.20	30.75	33.12	
DP-PSP235/65/200	6.29	38.64	9.20	7.88	6.90	6.13	5.52	5.02	4.60	4.25	3.94	49.88	57.95	30.10	48.34	57.95	
DP-PSP265/65/150	5.09	26.12	6.22	5.33	4.66	4.15	3.73	3.39	3.11	2.87	2.67	50.67	39.18	21.10	34.67	39.18	
DP-PSP265/65/200	6.75	45.76	10.90	9.34	8.17	7.26	6.54	5.94	5.45	5.03	4.67	66.63	68.65	32.91	54.14	68.65	
DP-PSP300/65/150	5.49	31.15	7.42	6.36	5.56	4.94	4.45	4.05	3.71	3.42	3.18	68.40	46.72	23.66	39.65	46.72	
DP-PSP300/65/200	7.29	54.63	13.01	11.15	9.76	8.67	7.80	7.09	6.50	6.00	5.57	90.04	81.94	36.79	61.57	81.12	
DP-PSP325/65/150	5.78	34.94	8.32	7.13	6.24	5.55	4.99	4.54	4.16	3.84	3.57	83.11	52.41	25.07	42.84	52.41	
DP-PSP325/65/200	7.68	61.32	14.60	12.51	10.95	9.73	8.76	7.96	7.30	6.74	6.26	109.49	91.98	38.83	66.17	88.44	
S390 - Single Span Purlins - Span = 4m																	
DP-PSP145/65/150	3.71	10.01	2.08	1.79	1.56	1.39	1.25	1.14	1.04	0.96	0.89	12.04	15.01	9.90	14.86	15.01	
DP-PSP145/65/200	4.91	15.74	3.28	2.81	2.46	2.19	1.97	1.79	1.64	1.51	1.41	15.74	26.14	15.94	23.47	26.14	
DP-PSP175/65/150	4.06	12.89	2.68	2.30	2.01	1.79	1.61	1.46	1.34	1.24	1.15	16.07	19.33	11.51	17.87	19.33	
DP-PSP175/65/200	5.37	21.05	4.39	3.76	3.29	2.92	2.63	2.39	2.19	2.02	1.88	21.05	33.73	18.41	28.02	33.73	
DP-PSP205/65/150	4.4	15.99	3.33	2.86	2.50	2.22	2.00	1.82	1.67	1.54	1.43	23.36	23.99	12.81	20.62	23.99	
DP-PSP205/65/200	5.83	27.95	5.82	4.99	4.37	3.88	3.49	3.18	2.91	2.69	2.50	30.65	41.93	20.32	32.05	41.93	
DP-PSP235/65/150	4.75	19.32	4.02	3.45	3.02	2.68	2.41	2.20	2.01	1.86	1.72	29.07	28.98	15.17	24.47	28.98	
DP-PSP235/65/200	6.29	33.81	7.04	6.04	5.28	4.70	4.23	3.84	3.52	3.25	3.02	38.19	50.71	24.09	37.96	50.60	
DP-PSP265/65/150	5.09	22.86	4.76	4.08	3.57	3.17	2.86	2.60	2.38	2.20	2.04	38.79	34.29	16.59	27.41	34.29	
DP-PSP265/65/200	6.75	40.04	8.34	7.15	6.26	5.56	5.01	4.55	4.17	3.85	3.58	51.01	60.07	26.23	42.26	57.40	
DP-PSP300/65/150	5.49	27.25	5.68	4.87	4.26	3.79	3.41	3.10	2.84	2.62	2.43	52.36	40.88	18.55	31.17	40.81	
DP-PSP300/65/200	7.29	47.80	9.96	8.54	7.47	6.64	5.98	5.43	4.98	4.60	4.27	68.94	71.70	29.24	47.81	66.04	
DP-PSP325/65/150	5.78	30.57	6.37	5.46	4.78	4.25	3.82	3.47	3.18	2.94	2.73	63.63	45.86	19.58	33.51	44.49	
DP-PSP325/65/200	7.68	53.65	11.18	9.58	8.38	7.45	6.71	6.10	5.59	5.16	4.79	83.83	80.48	30.76	51.14	71.69	
S390 - Single Span Purlins - 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	8.89	1.65	1.41	1.24	1.10	0.99	0.90	0.82	0.76	0.71	9.51	13.34	8.20	12.21	13.34	
DP-PSP145/65/200	4.91	12.44	2.30	1.97	1.73	1.54	1.38	1.26	1.15	1.06	0.99	12.44	23.23	13.36	19.19	23.23	
DP-PSP175/65/150	4.06	11.45	2.12	1.82	1.59	1.41	1.27	1.16	1.06	0.98	0.91	12.70	17.18	9.49	14.59	17.18	
DP-PSP175/65/200	5.37	16.63	3.08	2.64	2.31	2.05	1.85	1.68	1.54	1.42	1.32	16.63	29.98	15.35	22.75	29.98	
DP-PSP205/65/150	4.4	14.22	2.63	2.26	1.97	1.76	1.58	1.44	1.32	1.22	1.13	18.46	21.32	10.49	16.71	21.32	
DP-PSP205/65/200	5.83	24.22	4.48	3.84	3.36	2.99	2.69	2.45	2.24	2.07	1.92	24.22	37.27	16.84	25.82	35.23	

ProSigma+ S390 (Prepainted) - Single Span Purlins - Load Tables

Section reference	Weight (kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span /180	Ultimate U.D.L. in kN/Span				
			Allowable loading in kN/m ²											Gravity Load	Uplift - metal cladding			
			Purlin Centres in millimetres												0	1	2	
1200	1400	1600	1800	2000	2200	2400	2600	2800	2800	2800	0	1	2					
DP-PSP235/65/150	4.75	17.17	3.18	2.73	2.38	2.12	1.91	1.73	1.59	1.47	1.36	22.97	25.76	12.43	19.79	25.76		
DP-PSP235/65/200	6.29	30.05	5.56	4.77	4.17	3.71	3.34	3.04	2.78	2.57	2.38	30.18	45.07	19.98	30.55	41.98		
DP-PSP265/65/150	5.09	20.32	3.76	3.23	2.82	2.51	2.26	2.05	1.88	1.74	1.61	30.65	30.48	13.54	22.04	29.66		
DP-PSP265/65/200	6.75	35.59	6.59	5.65	4.94	4.39	3.95	3.60	3.30	3.04	2.82	40.31	53.39	21.68	33.84	47.36		
DP-PSP300/65/150	5.49	24.23	4.49	3.85	3.36	2.99	2.69	2.45	2.24	2.07	1.92	41.37	36.34	15.11	24.96	34.14		
DP-PSP300/65/200	7.29	42.49	7.87	6.74	5.90	5.25	4.72	4.29	3.93	3.63	3.37	54.47	63.73	24.12	38.14	54.22		
DP-PSP325/65/150	5.78	27.17	5.03	4.31	3.77	3.35	3.02	2.74	2.52	2.32	2.16	50.28	40.76	15.90	26.72	37.09		
DP-PSP325/65/200	7.68	47.69	8.83	7.57	6.62	5.89	5.30	4.82	4.42	4.08	3.79	66.24	71.54	25.30	40.64	58.61		

S390 - Single Span Purlins - 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	7.71	1.28	1.10	0.96	0.86	0.77	0.70				7.71	12.01	6.98	10.20	12.01
DP-PSP145/65/200	4.91	10.08	1.68	1.44	1.26	1.12	1.01	0.92	0.84	0.78	0.72	10.08	20.91	11.48	16.03	20.91
DP-PSP175/65/150	4.06	10.28	1.71	1.47	1.29	1.14	1.03	0.93	0.86	0.79	0.73	10.28	15.46	8.04	12.11	15.46
DP-PSP175/65/200	5.37	13.47	2.25	1.92	1.68	1.50	1.35	1.22	1.12	1.04	0.96	13.47	26.98	13.14	18.88	25.54
DP-PSP205/65/150	4.4	12.79	2.13	1.83	1.60	1.42	1.28	1.16	1.07	0.98	0.91	14.95	19.19	8.83	13.77	18.63
DP-PSP205/65/200	5.83	19.62	3.27	2.80	2.45	2.18	1.96	1.78	1.63	1.51	1.40	19.62	33.54	14.34	21.29	29.55
DP-PSP235/65/150	4.75	15.45	2.58	2.21	1.93	1.72	1.55	1.40	1.29	1.19	1.10	18.61	23.18	10.48	16.29	22.20
DP-PSP235/65/200	6.29	24.44	4.07	3.49	3.06	2.72	2.44	2.22	2.04	1.88	1.75	24.44	40.57	17.04	25.18	35.11
DP-PSP265/65/150	5.09	18.29	3.05	2.61	2.29	2.03	1.83	1.66	1.52	1.41	1.31	24.83	27.43	11.38	18.07	25.08
DP-PSP265/65/200	6.75	32.04	5.34	4.58	4.00	3.56	3.20	2.91	2.67	2.46	2.29	32.65	48.05	18.42	27.77	39.42
DP-PSP300/65/150	5.49	21.80	3.63	3.11	2.73	2.42	2.18	1.98	1.82	1.68	1.56	33.51	32.71	12.68	20.39	28.74
DP-PSP300/65/200	7.29	38.24	6.37	5.46	4.78	4.25	3.82	3.48	3.19	2.94	2.73	44.12	57.36	20.47	31.21	44.92
DP-PSP325/65/150	5.78	24.46	4.08	3.49	3.06	2.72	2.45	2.22	2.04	1.88	1.75	40.72	36.69	13.31	21.75	31.11
DP-PSP325/65/200	7.68	42.92	7.15	6.13	5.37	4.77	4.29	3.90	3.58	3.30	3.07	53.65	64.39	21.42	33.15	48.36

S390 - Single Span Purlins - Span = 5.5m

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	6.37	0.97	0.83	0.72							6.37	10.91	6.06	8.65	10.91
DP-PSP145/65/200	4.91	8.33	1.26	1.08	0.95	0.84	0.76	0.69				8.33	19.01	10.06	13.65	18.11
DP-PSP175/65/150	4.06	8.50	1.29	1.10	0.97	0.86	0.77	0.70				8.50	14.06	6.96	10.21	13.76
DP-PSP175/65/200	5.37	11.13	1.69	1.45	1.27	1.12	1.01	0.92	0.84	0.78	0.72	11.13	24.53	11.47	15.99	21.74
DP-PSP205/65/150	4.4	11.63	1.76	1.51	1.32	1.17	1.06	0.96	0.88	0.81	0.76	12.36	17.45	7.61	11.55	15.95
DP-PSP205/65/200	5.83	16.21	2.46	2.11	1.84	1.64	1.47	1.34	1.23	1.13	1.05	16.21	30.49	12.48	17.92	25.00
DP-PSP235/65/150	4.75	14.05	2.13	1.82	1.60	1.42	1.28	1.16	1.06	0.98	0.91	15.38	21.07	9.04	13.66	18.97
DP-PSP235/65/200	6.29	20.20	3.06	2.62	2.30	2.04	1.84	1.67	1.53	1.41	1.31	20.20	36.88	14.83	21.21	29.65
DP-PSP265/65/150	5.09	16.62	2.52	2.16	1.89	1.68	1.51	1.37	1.26	1.16	1.08	20.52	24.94	9.79	15.09	21.33
DP-PSP265/65/200	6.75	26.98	4.09	3.50	3.07	2.73	2.45	2.23	2.04	1.89	1.75	26.98	43.68	16.00	23.30	33.14
DP-PSP300/65/150	5.49	19.82	3.00	2.57	2.25	2.00	1.80	1.64	1.50	1.39	1.29	27.70	29.73	10.89	16.98	24.35
DP-PSP300/65/200	7.29	34.76	5.27	4.51	3.95	3.51	3.16	2.87	2.63	2.43	2.26	36.46	52.15	17.76	26.12	37.61
DP-PSP325/65/150	5.78	22.23	3.37	2.89	2.53	2.25	2.02	1.84	1.68	1.55	1.44	33.66	33.35	11.40	18.06	26.27
DP-PSP325/65/200	7.68	39.02	5.91	5.07	4.43	3.94	3.55	3.22	2.96	2.73	2.53	44.34	58.53	18.55	27.67	40.36

S390 - Single Span Purlins - 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	5.35	0.74									5.35	10.01	5.36	7.45	9.91
DP-PSP145/65/200	4.91	7.00	0.97	0.83	0.73							7.00	17.43	8.95	11.82	15.65
DP-PSP175/65/150	4.06	7.14	0.99	0.85	0.74							7.14	12.89	6.13	8.76	11.92
DP-PSP175/65/200	5.37	9.36	1.30	1.11	0.97	0.87	0.78	0.71				9.36	22.49	10.18	13.78	18.68
DP-PSP205/65/150	4.4	10.38	1.44	1.24	1.08	0.96	0.87	0.79	0.72	0.67		10.38	15.99	6.68	9.85	13.75
DP-PSP205/65/200	5.83	13.62	1.89	1.62	1.42	1.26	1.14	1.03	0.95	0.87	0.81	13.62	27.95	11.04	15.37	21.37
DP-PSP235/65/150	4.75	12.88	1.79	1.53	1.34	1.19	1.07	0.98	0.89	0.83	0.77	12.92	19.32	7.94	11.65	16.31
DP-PSP235/65/200	6.29	16.97	2.36	2.02	1.77	1.57	1.41	1.29	1.18	1.09	1.01	16.97	33.81	13.13	18.19	25.31
DP-PSP265/65/150	5.09	15.24	2.12	1.81	1.59	1.41	1.27	1.15	1.06	0.98	0.91	17.24	22.86	8.58	12.82	18.27
DP-PSP265/65/200	6.75	22.67	3.15	2.70	2.36	2.10	1.89	1.72	1.57	1.45	1.35	22.67	40.04	14.14	19.92	28.17
DP-PSP300/65/150	5.49	18.17	2.52	2.16	1.89	1.68	1.51	1.38	1.26	1.16	1.08	23.27	27.25	9.53	14.40	20.78
DP-PSP300/65/200	7.29	30.64	4.26	3.65	3.19	2.84	2.55	2.32	2.13	1.96	1.82	30.64	47.80	15.67	22.29	31.87

ProSigma+ S390 (Prepainted) - Single Span Purlins - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span /180	Ultimate U.D.L. in kN/Span				
			Allowable loading in kN/m ²											Gravity Load	Uplift - metal cladding			
			Purlin Centres in millimetres												Number of anti sag rods			
			1200	1400	1600	1800	2000	2200	2400	2600	2800		0	1	2			
DP-PSP325/65/150	5.78	20.38	2.83	2.43	2.12	1.89	1.70	1.54	1.42	1.31	1.21	28.28	30.57	9.96	15.28	22.34		
DP-PSP325/65/200	7.68	35.77	4.97	4.26	3.73	3.31	2.98	2.71	2.48	2.29	2.13	37.26	53.65	16.35	23.56	34.10		

S390 - Single Span Purlins - Span = 6.5m

Section reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/200	4.91	5.96	0.76									5.96	16.09	8.07	10.39	13.65
DP-PSP175/65/150	4.06	6.09	0.78	0.67								6.09	11.89	5.47	7.61	10.39
DP-PSP175/65/200	5.37	7.97	1.02	0.88	0.77	0.68						7.97	20.76	9.15	12.06	16.22
DP-PSP205/65/150	4.4	8.85	1.13	0.97	0.85	0.76	0.68					8.85	14.76	5.94	8.52	11.93
DP-PSP205/65/200	5.83	11.61	1.49	1.28	1.12	0.99	0.89	0.81	0.74	0.69		11.61	25.80	9.90	13.39	18.45
DP-PSP235/65/150	4.75	11.01	1.41	1.21	1.06	0.94	0.85	0.77	0.71			11.01	17.83	7.07	10.09	14.13
DP-PSP235/65/200	6.29	14.46	1.85	1.59	1.39	1.24	1.11	1.01	0.93	0.86	0.79	14.46	31.21	11.78	15.86	21.84
DP-PSP265/65/150	5.09	14.07	1.80	1.55	1.35	1.20	1.08	0.98	0.90	0.83	0.77	14.69	21.10	7.63	11.07	15.77
DP-PSP265/65/200	6.75	19.32	2.48	2.12	1.86	1.65	1.49	1.35	1.24	1.14	1.06	19.32	36.96	12.67	17.32	24.22
DP-PSP300/65/150	5.49	16.77	2.15	1.84	1.61	1.43	1.29	1.17	1.08	0.99	0.92	19.83	25.16	8.46	12.40	17.88
DP-PSP300/65/200	7.29	26.11	3.35	2.87	2.51	2.23	2.01	1.83	1.67	1.54	1.43	26.11	44.12	14.03	19.35	27.33
DP-PSP325/65/150	5.78	18.81	2.41	2.07	1.81	1.61	1.45	1.32	1.21	1.11	1.03	24.10	28.22	8.83	13.13	19.17
DP-PSP325/65/200	7.68	31.75	4.07	3.49	3.05	2.71	2.44	2.22	2.04	1.88	1.74	31.75	49.53	14.61	20.40	29.16

S390 - Single Span Purlins - Span = 7m

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	6.87	0.82	0.70								6.87	19.27	8.32	10.70	14.22
DP-PSP205/65/150	4.4	7.63	0.91	0.78	0.68							7.63	13.71	5.36	7.48	10.42
DP-PSP205/65/200	5.83	10.01	1.19	1.02	0.89	0.79	0.71					10.01	23.96	8.97	11.83	16.10
DP-PSP235/65/150	4.75	9.49	1.13	0.97	0.85	0.75	0.68					9.49	16.56	6.38	8.85	12.34
DP-PSP235/65/200	6.29	12.47	1.48	1.27	1.11	0.99	0.89	0.81	0.74	0.69		12.47	28.98	10.69	14.02	19.05
DP-PSP265/65/150	5.09	12.67	1.51	1.29	1.13	1.01	0.90	0.82	0.75	0.70		12.67	19.59	6.87	9.69	13.72
DP-PSP265/65/200	6.75	16.66	1.98	1.70	1.49	1.32	1.19	1.08	0.99	0.92	0.85	16.66	34.32	11.48	15.27	21.06
DP-PSP300/65/150	5.49	15.57	1.85	1.59	1.39	1.24	1.11	1.01	0.93	0.86	0.79	17.10	23.36	7.61	10.84	15.52
DP-PSP300/65/200	7.29	22.51	2.68	2.30	2.01	1.79	1.61	1.46	1.34	1.24	1.15	22.51	40.97	12.70	17.03	23.72
DP-PSP325/65/150	5.78	17.47	2.08	1.78	1.56	1.39	1.25	1.13	1.04	0.96	0.89	20.78	26.20	7.93	11.45	16.60
DP-PSP325/65/200	7.68	27.37	3.26	2.79	2.44	2.17	1.96	1.78	1.63	1.50	1.40	27.37	45.99	13.21	17.93	25.25

S390 - Single Span Purlins - 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	5.99	0.67									5.99	17.99	7.62	9.60	12.59
DP-PSP205/65/150	4.4	6.65	0.74									6.65	12.79	4.87	6.63	9.18
DP-PSP205/65/200	5.83	8.72	0.97	0.83	0.73							8.72	22.36	8.21	10.57	14.19
DP-PSP235/65/150	4.75	8.27	0.92	0.79	0.69							8.27	15.45	5.81	7.86	10.86
DP-PSP235/65/200	6.29	10.86	1.21	1.03	0.91	0.80	0.72					10.86	27.04	9.78	12.53	16.79
DP-PSP265/65/150	5.09	11.03	1.23	1.05	0.92	0.82	0.74	0.67				11.03	18.29	6.24	8.58	12.05
DP-PSP265/65/200	6.75	14.51	1.61	1.38	1.21	1.07	0.97	0.88	0.81	0.74	0.69	14.51	32.04	10.49	13.62	18.51
DP-PSP300/65/150	5.49	14.54	1.62	1.38	1.21	1.08	0.97	0.88	0.81	0.75	0.69	14.89	21.80	6.91	9.59	13.59
DP-PSP300/65/200	7.29	19.61	2.18	1.87	1.63	1.45	1.31	1.19	1.09	1.01	0.93	19.61	38.24	11.60	15.18	20.81
DP-PSP325/65/150	5.78	16.30	1.81	1.55	1.36	1.21	1.09	0.99	0.91	0.84	0.78	18.10	24.46	7.20	10.11	14.50
DP-PSP325/65/200	7.68	23.84	2.65	2.27	1.99	1.77	1.59	1.45	1.32	1.22	1.14	23.84	42.92	12.06	15.95	22.10

S390 - Single Span Purlins - Span = 8m

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	7.66	0.80	0.68								7.66	20.96	7.56	9.54	12.63
DP-PSP235/65/150	4.75	7.27	0.76									7.27	14.49	5.33	7.05	9.64
DP-PSP235/65/200	6.29	9.55	0.99	0.85	0.75							9.55	25.35	9.02	11.32	14.94
DP-PSP265/65/150	5.09	9.70	1.01	0.87	0.76	0.67						9.70	17.14	5.72	7.68	10.66
DP-PSP265/65/200	6.75	12.75	1.33	1.14	1.00	0.89	0.80	0.72				12.75	30.03	9.67	12.28	16.43
DP-PSP300/65/150	5.49	13.09	1.36	1.17	1.02	0.91	0.82	0.74	0.68			13.09	20.44	6.34	8.57	12.01
DP-PSP300/65/200	7.29	17.23	1.80	1.54	1.35	1.20	1.08	0.98	0.90	0.83	0.77	17.23	35.85	10.69	13.67	18.44
DP-PSP325/65/150	5.78	15.29	1.59	1.36	1.19	1.06	0.96	0.87	0.80	0.73	0.68	15.91	22.93	6.59	9.03	12.78

ProSigma+ S390 (Prepainted) - Single Span Purlins - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span /180	Ultimate U.D.L. in kN/Span			
			Allowable loading in kN/m ²											Gravity Load	Uplift - metal cladding		
			Purlin Centres in millimetres												Number of anti sag rods		
			1200	1400	1600	1800	2000	2200	2400	2600	2800		0	1	2		
DP-PSP325/65/200	7.68	20.96	2.18	1.87	1.64	1.46	1.31	1.19	1.09	1.01	0.94	20.96	40.24	11.10	14.34	19.55	

S390 - Single Span Purlins - 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	6.79	0.67									6.79	19.73	7.02	8.69	11.33
DP-PSP235/65/200	6.29	8.46	0.83	0.71								8.46	23.86	8.37	10.31	13.41
DP-PSP265/65/150	5.09	8.59	0.84	0.72								8.59	16.13	5.29	6.94	9.51
DP-PSP265/65/200	6.75	11.30	1.11	0.95	0.83	0.74						11.30	28.27	8.96	11.17	14.71
DP-PSP300/65/150	5.49	11.60	1.14	0.97	0.85	0.76	0.68					11.60	19.24	5.85	7.74	10.69
DP-PSP300/65/200	7.29	15.27	1.50	1.28	1.12	1.00	0.90	0.82	0.75	0.69		15.27	33.74	9.90	12.42	16.49
DP-PSP325/65/150	5.78	14.09	1.38	1.18	1.04	0.92	0.83	0.75	0.69			14.09	21.58	6.08	8.13	11.37
DP-PSP325/65/200	7.68	18.56	1.82	1.56	1.37	1.21	1.09	0.99	0.91	0.84	0.78	18.56	37.87	10.28	13.01	17.45

S390 - Single Span Purlins - Span = 9m

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	7.54	0.70									7.54	22.54	7.81	9.46	12.13
DP-PSP265/65/150	5.09	7.66	0.71									7.66	15.24	4.91	6.32	8.55
DP-PSP265/65/200	6.75	10.08	0.93	0.80	0.70							10.08	26.70	8.36	10.24	13.28
DP-PSP300/65/150	5.49	10.34	0.96	0.82	0.72							10.34	18.17	5.43	7.04	9.60
DP-PSP300/65/200	7.29	13.62	1.26	1.08	0.95	0.84	0.76	0.69				13.62	31.87	9.23	11.37	14.86
DP-PSP325/65/150	5.78	12.57	1.16	1.00	0.87	0.78	0.70					12.57	20.38	5.64	7.39	10.18
DP-PSP325/65/200	7.68	16.56	1.53	1.31	1.15	1.02	0.92	0.84	0.77	0.71		16.56	35.77	9.58	11.90	15.71

S390 - Single Span Purlins - Span = 9.5m

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	9.04	0.79	0.68								9.04	25.29	7.83	9.44	12.08
DP-PSP300/65/150	5.49	9.28	0.81	0.70								9.28	17.21	5.07	6.45	8.68
DP-PSP300/65/200	7.29	12.22	1.07	0.92	0.80	0.71						12.22	30.19	8.65	10.48	13.50
DP-PSP325/65/150	5.78	11.28	0.99	0.85	0.74							11.28	19.31	5.26	6.77	9.19
DP-PSP325/65/200	7.68	14.86	1.30	1.12	0.98	0.87	0.78	0.71				14.86	33.89	8.97	10.96	14.25

S390 - Single Span Purlins - 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	8.16	0.68									8.16	24.03	7.37	8.76	11.06
DP-PSP300/65/150	5.49	8.38	0.70									8.38	16.35	4.76	5.95	7.89
DP-PSP300/65/200	7.29	11.03	0.92	0.79	0.69							11.03	28.68	8.14	9.72	12.34
DP-PSP325/65/150	5.78	10.18	0.85	0.73								10.18	18.34	4.94	6.24	8.35
DP-PSP325/65/200	7.68	13.41	1.12	0.96	0.84	0.75	0.67					13.41	32.19	8.43	10.15	13.01