

ProSigma+ (Galv.) - Single Span Purlins - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	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	
ProSigma + Single Span Purlins Load Tables Minimum 450 MPA																	
Span = 4.0																	
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	11.87	2.47	2.12	1.86	1.65	1.48	1.35	1.24	1.14	1.06	12.39	17.81	11.13	16.69	17.81	
DP-SP145/65/180	4.53	14.78	3.08	2.64	2.31	2.05	1.85	1.68	1.54	1.42	1.32	14.78	25.98	15.37	22.62	25.98	
DP-SP145/65/200	5.03	16.35	3.41	2.92	2.56	2.27	2.04	1.86	1.70	1.57	1.46	16.35	31.33	18.18	26.41	31.33	
DP-SP175/65/150	4.13	15.27	3.18	2.73	2.39	2.12	1.91	1.73	1.59	1.47	1.36	16.50	22.90	12.90	19.97	22.90	
DP-SP175/65/180	4.95	19.71	4.11	3.52	3.08	2.74	2.46	2.24	2.05	1.90	1.76	19.71	33.43	17.73	26.91	33.43	
DP-SP175/65/200	5.49	21.82	4.55	3.90	3.41	3.03	2.73	2.48	2.27	2.10	1.95	21.82	40.34	20.91	31.34	40.34	
DP-SP205/65/150	4.47	18.92	3.94	3.38	2.96	2.63	2.37	2.15	1.97	1.82	1.69	23.96	28.38	14.28	22.90	28.38	
DP-SP205/65/180	5.36	27.64	5.76	4.93	4.32	3.84	3.45	3.14	2.88	2.66	2.47	28.63	41.45	19.52	30.68	41.07	
DP-SP205/65/200	5.95	31.71	6.61	5.66	4.95	4.40	3.96	3.60	3.30	3.05	2.83	31.71	50.04	22.96	35.63	48.28	
DP-SP235/65/150	4.81	22.83	4.76	4.08	3.57	3.17	2.85	2.59	2.38	2.19	2.04	29.78	34.24	16.92	27.12	34.24	
DP-SP235/65/180	5.78	33.36	6.95	5.96	5.21	4.63	4.17	3.79	3.47	3.21	2.98	35.61	50.04	23.14	36.29	48.96	
DP-SP235/65/200	6.42	39.44	8.22	7.04	6.16	5.48	4.93	4.48	4.11	3.79	3.52	39.44	60.43	27.24	42.14	57.51	
DP-SP265/65/150	5.16	26.98	5.62	4.82	4.22	3.75	3.37	3.07	2.81	2.59	2.41	39.69	40.47	18.45	30.26	40.18	
DP-SP265/65/180	6.19	39.45	8.22	7.04	6.16	5.48	4.93	4.48	4.11	3.79	3.52	47.48	59.17	25.15	40.31	55.39	
DP-SP265/65/200	6.88	47.65	9.93	8.51	7.45	6.62	5.96	5.41	4.96	4.58	4.25	52.61	71.47	29.56	46.71	64.94	
DP-SP300/65/150	5.56	32.14	6.70	5.74	5.02	4.46	4.02	3.65	3.35	3.09	2.87	53.51	48.21	20.58	34.29	46.29	
DP-SP300/65/180	6.68	47.00	9.79	8.39	7.34	6.53	5.88	5.34	4.90	4.52	4.20	64.05	70.51	28.01	45.52	63.56	
DP-SP300/65/200	7.42	56.80	11.83	10.14	8.87	7.89	7.10	6.45	5.92	5.46	5.07	70.99	85.19	32.89	52.67	74.39	
DP-SP325/65/150	5.85	36.02	7.50	6.43	5.63	5.00	4.50	4.09	3.75	3.46	3.22	64.98	54.03	21.68	36.75	50.32	
DP-SP325/65/180	7.02	52.70	10.98	9.41	8.23	7.32	6.59	5.99	5.49	5.07	4.71	77.80	79.05	29.42	48.62	68.87	
DP-SP325/65/200	7.80	63.69	13.27	11.37	9.95	8.85	7.96	7.24	6.63	6.12	5.69	86.24	95.54	34.51	56.18	80.48	
ProSigma + Single Span Purlins Load Tables Minimum 450 MPA																	
Span = 4.5																	
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	9.79	1.81	1.55	1.36	1.21	1.09	0.99	0.91	0.84	0.78	9.79	15.83	9.27	13.65	15.83	
DP-SP145/65/180	4.53	11.68	2.16	1.85	1.62	1.44	1.30	1.18	1.08	1.00	0.93	11.68	23.09	12.90	18.46	23.09	
DP-SP145/65/200	5.03	12.92	2.39	2.05	1.79	1.60	1.44	1.31	1.20	1.10	1.03	12.92	27.85	15.31	21.57	27.85	
DP-SP175/65/150	4.13	13.04	2.41	2.07	1.81	1.61	1.45	1.32	1.21	1.11	1.03	13.04	20.36	10.68	16.22	20.36	
DP-SP175/65/180	4.95	15.57	2.88	2.47	2.16	1.92	1.73	1.57	1.44	1.33	1.24	15.57	29.71	14.80	21.82	29.31	
DP-SP175/65/200	5.49	17.24	3.19	2.74	2.39	2.13	1.92	1.74	1.60	1.47	1.37	17.24	35.85	17.53	25.42	34.36	
DP-SP205/65/150	4.47	16.82	3.11	2.67	2.34	2.08	1.87	1.70	1.56	1.44	1.33	18.93	25.23	11.76	18.47	24.83	
DP-SP205/65/180	5.36	22.62	4.19	3.59	3.14	2.79	2.51	2.29	2.09	1.93	1.80	22.62	36.85	16.20	24.69	34.01	
DP-SP205/65/200	5.95	25.05	4.64	3.98	3.48	3.09	2.78	2.53	2.32	2.14	1.99	25.05	44.48	19.14	28.68	39.77	
DP-SP235/65/150	4.81	20.29	3.76	3.22	2.82	2.51	2.25	2.05	1.88	1.73	1.61	23.53	30.44	13.94	21.84	29.58	
DP-SP235/65/180	5.78	28.13	5.21	4.47	3.91	3.47	3.13	2.84	2.61	2.40	2.23	28.13	44.48	19.24	29.19	40.43	
DP-SP235/65/200	6.42	31.16	5.77	4.95	4.33	3.85	3.46	3.15	2.89	2.66	2.47	31.16	53.71	22.73	33.92	47.24	
DP-SP265/65/150	5.16	23.98	4.44	3.81	3.33	2.96	2.66	2.42	2.22	2.05	1.90	31.36	35.98	15.15	24.24	33.44	
DP-SP265/65/180	6.19	35.06	6.49	5.57	4.87	4.33	3.90	3.54	3.25	3.00	2.78	37.52	52.60	20.83	32.26	45.50	
DP-SP265/65/200	6.88	41.57	7.70	6.60	5.77	5.13	4.62	4.20	3.85	3.55	3.30	41.57	63.53	24.58	37.41	53.05	
DP-SP300/65/150	5.56	28.57	5.29	4.53	3.97	3.53	3.17	2.89	2.65	2.44	2.27	42.28	42.85	16.87	27.36	38.35	
DP-SP300/65/180	6.68	41.78	7.74	6.63	5.80	5.16	4.64	4.22	3.87	3.57	3.32	50.61	62.67	23.16	36.30	51.95	
DP-SP300/65/200	7.42	50.49	9.35	8.01	7.01	6.23	5.61	5.10	4.67	4.32	4.01	56.09	75.73	27.30	42.05	60.47	
DP-SP325/65/150	5.85	32.02	5.93	5.08	4.45	3.95	3.56	3.23	2.96	2.74	2.54	51.34	48.03	17.71	29.21	41.52	
DP-SP325/65/180	7.02	46.85	8.68	7.44	6.51	5.78	5.21	4.73	4.34	4.00	3.72	61.47	70.27	24.26	38.63	56.05	
DP-SP325/65/200	7.80	56.61	10.48	8.99	7.86	6.99	6.29	5.72	5.24	4.84	4.49	68.14	84.92	28.57	44.68	65.13	
ProSigma + Single Span Purlins Load Tables Minimum 450 MPA																	
Span = 5.0																	
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	7.93	1.32	1.13	0.99	0.88	0.79	0.72				7.93	14.25	7.93	11.38	14.25	
DP-SP145/65/180	4.53	9.46	1.58	1.35	1.18	1.05	0.95	0.86	0.79	0.73		9.46	20.78	11.11	15.41	20.49	
DP-SP145/65/200	5.03	10.47	1.74	1.50	1.31	1.16	1.05	0.95	0.87	0.81	0.75	10.47	25.06	13.22	18.04	23.99	
DP-SP175/65/150	4.13	10.56	1.76	1.51	1.32	1.17	1.06	0.96	0.88	0.81	0.75	10.56	18.32	9.09	13.44	18.08	
DP-SP175/65/180	4.95	12.61	2.10	1.80	1.58	1.40	1.26	1.15	1.05	0.97	0.90	12.61	26.74	12.69	18.10	24.64	
DP-SP175/65/200	5.49	13.96	2.33	1.99	1.75	1.55	1.40	1.27	1.16	1.07	1.00	13.96	32.27	15.07	21.13	28.78	
DP-SP205/65/150	4.47	15.14	2.52	2.16	1.89	1.68	1.51	1.38	1.26	1.16	1.08	15.33	22.70	9.95	15.20	20.96	
DP-SP205/65/180	5.36	18.33	3.05	2.62	2.29	2.04	1.83	1.67	1.53	1.41	1.31	18.33	33.16	13.82	20.35	28.41	
DP-SP205/65/200	5.95	20.29	3.38	2.90	2.54	2.25	2.03	1.84	1.69	1.56	1.45	20.29	40.03	16.39	23.69	33.10	

ProSigma+ (Galv.) - Single Span Purlins - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	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						
DP-SP235/65/150	4.81	18.26	3.04	2.61	2.28	2.03	1.83	1.66	1.52	1.40	1.30	19.06	27.39	11.82	17.97	24.91	
DP-SP235/65/180	5.78	22.79	3.80	3.26	2.85	2.53	2.28	2.07	1.90	1.75	1.63	22.79	40.03	16.43	24.07	33.70	
DP-SP235/65/200	6.42	25.24	4.21	3.61	3.16	2.80	2.52	2.29	2.10	1.94	1.80	25.24	48.34	19.48	28.02	39.23	
DP-SP265/65/150	5.16	21.59	3.60	3.08	2.70	2.40	2.16	1.96	1.80	1.66	1.54	25.40	32.38	12.80	19.86	28.03	
DP-SP265/65/180	6.19	30.39	5.06	4.34	3.80	3.38	3.04	2.76	2.53	2.34	2.17	30.39	47.34	17.74	26.49	37.74	
DP-SP265/65/200	6.88	33.67	5.61	4.81	4.21	3.74	3.37	3.06	2.81	2.59	2.41	33.67	57.18	21.01	30.78	43.84	
DP-SP300/65/150	5.56	25.71	4.29	3.67	3.21	2.86	2.57	2.34	2.14	1.98	1.84	34.25	38.57	14.23	22.34	31.99	
DP-SP300/65/180	6.68	37.60	6.27	5.37	4.70	4.18	3.76	3.42	3.13	2.89	2.69	40.99	56.41	19.69	29.72	42.90	
DP-SP300/65/200	7.42	45.43	7.57	6.49	5.68	5.05	4.54	4.13	3.79	3.49	3.25	45.43	68.16	23.30	34.50	49.75	
DP-SP325/65/150	5.85	28.82	4.80	4.12	3.60	3.20	2.88	2.62	2.40	2.22	2.06	41.59	43.23	14.91	23.77	34.52	
DP-SP325/65/180	7.02	42.16	7.03	6.02	5.27	4.68	4.22	3.83	3.51	3.24	3.01	49.79	63.24	20.58	31.53	46.11	
DP-SP325/65/200	7.80	50.95	8.49	7.28	6.37	5.66	5.10	4.63	4.25	3.92	3.64	55.20	76.43	24.33	36.55	53.39	

ProSigma + Single Span Purlins Load Tables Minimum 450 MPA Span = 5.5

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	6.55	0.99	0.85	0.74							6.55	12.95	6.92	9.66	12.85
DP-SP145/65/180	4.53	7.82	1.18	1.02	0.89	0.79	0.71					7.82	18.89	9.75	13.13	17.49
DP-SP145/65/200	5.03	8.65	1.31	1.12	0.98	0.87	0.79	0.71				8.65	22.79	11.63	15.40	20.44
DP-SP175/65/150	4.13	8.73	1.32	1.13	0.99	0.88	0.79	0.72				8.73	16.65	7.91	11.34	15.45
DP-SP175/65/180	4.95	10.43	1.58	1.35	1.18	1.05	0.95	0.86	0.79	0.73		10.43	24.31	11.10	15.34	20.92
DP-SP175/65/200	5.49	11.54	1.75	1.50	1.31	1.17	1.05	0.95	0.87	0.81	0.75	11.54	29.33	13.22	17.94	24.38
DP-SP205/65/150	4.47	12.67	1.92	1.65	1.44	1.28	1.15	1.05	0.96	0.89	0.82	12.67	20.64	8.62	12.76	17.82
DP-SP205/65/180	5.36	15.14	2.29	1.97	1.72	1.53	1.38	1.25	1.15	1.06	0.98	15.14	30.15	12.05	17.14	23.97
DP-SP205/65/200	5.95	16.77	2.54	2.18	1.91	1.69	1.52	1.39	1.27	1.17	1.09	16.77	36.39	14.32	20.00	27.87
DP-SP235/65/150	4.81	15.75	2.39	2.05	1.79	1.59	1.43	1.30	1.19	1.10	1.02	15.75	24.90	10.24	15.09	21.13
DP-SP235/65/180	5.78	18.83	2.85	2.45	2.14	1.90	1.71	1.56	1.43	1.32	1.22	18.83	36.39	14.33	20.28	28.39
DP-SP235/65/200	6.42	20.86	3.16	2.71	2.37	2.11	1.90	1.72	1.58	1.46	1.35	20.86	43.95	17.03	23.67	32.99
DP-SP265/65/150	5.16	19.62	2.97	2.55	2.23	1.98	1.78	1.62	1.49	1.37	1.27	20.99	29.43	11.06	16.61	23.67
DP-SP265/65/180	6.19	25.11	3.81	3.26	2.85	2.54	2.28	2.08	1.90	1.76	1.63	25.11	43.03	15.44	22.24	31.65
DP-SP265/65/200	6.88	27.83	4.22	3.61	3.16	2.81	2.53	2.30	2.11	1.95	1.81	27.83	51.98	18.33	25.91	36.70
DP-SP300/65/150	5.56	23.37	3.54	3.04	2.66	2.36	2.12	1.93	1.77	1.63	1.52	28.30	35.06	12.28	18.64	26.92
DP-SP300/65/180	6.68	33.88	5.13	4.40	3.85	3.42	3.08	2.80	2.57	2.37	2.20	33.88	51.28	17.11	24.90	35.85
DP-SP300/65/200	7.42	37.55	5.69	4.88	4.27	3.79	3.41	3.10	2.84	2.63	2.44	37.55	61.96	20.30	28.98	41.50
DP-SP325/65/150	5.85	26.20	3.97	3.40	2.98	2.65	2.38	2.17	1.98	1.83	1.70	34.37	39.30	12.84	19.78	28.94
DP-SP325/65/180	7.02	38.33	5.81	4.98	4.36	3.87	3.48	3.17	2.90	2.68	2.49	41.15	57.49	17.85	26.35	38.40
DP-SP325/65/200	7.80	45.62	6.91	5.92	5.18	4.61	4.15	3.77	3.46	3.19	2.96	45.62	69.48	21.16	30.62	44.39

ProSigma + Single Span Purlins Load Tables Minimum 450 MPA Span = 6.0

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	5.50	0.76									5.50	11.87	6.13	8.33	11.13
DP-SP145/65/180	4.53	6.57	0.91	0.78	0.68							6.57	17.32	8.68	11.38	15.08
DP-SP145/65/200	5.03	7.27	1.01	0.87	0.76							7.27	20.89	10.38	13.38	17.61
DP-SP175/65/150	4.13	7.33	1.02	0.87	0.76							7.33	15.27	6.99	9.74	13.31
DP-SP175/65/180	4.95	8.76	1.22	1.04	0.91	0.81	0.73					8.76	22.28	9.87	13.23	17.94
DP-SP175/65/200	5.49	9.70	1.35	1.15	1.01	0.90	0.81	0.73				9.70	26.89	11.77	15.52	20.89
DP-SP205/65/150	4.47	10.65	1.48	1.27	1.11	0.99	0.89	0.81	0.74	0.68		10.65	18.92	7.59	10.90	15.27
DP-SP205/65/180	5.36	12.73	1.77	1.51	1.33	1.18	1.06	0.96	0.88	0.82	0.76	12.73	27.64	10.67	14.72	20.45
DP-SP205/65/200	5.95	14.09	1.96	1.68	1.47	1.30	1.17	1.07	0.98	0.90	0.84	14.09	33.36	12.71	17.21	23.75
DP-SP235/65/150	4.81	13.23	1.84	1.58	1.38	1.23	1.10	1.00	0.92	0.85	0.79	13.23	22.83	9.03	12.89	18.08
DP-SP235/65/180	5.78	15.83	2.20	1.88	1.65	1.47	1.32	1.20	1.10	1.01	0.94	15.83	33.36	12.70	17.42	24.20
DP-SP235/65/200	6.42	17.53	2.43	2.09	1.83	1.62	1.46	1.33	1.22	1.12	1.04	17.53	40.28	15.14	20.38	28.09
DP-SP265/65/150	5.16	17.64	2.45	2.10	1.84	1.63	1.47	1.34	1.22	1.13	1.05	17.64	26.98	9.73	14.15	20.17
DP-SP265/65/180	6.19	21.10	2.93	2.51	2.20	1.95	1.76	1.60	1.47	1.35	1.26	21.10	39.45	13.66	19.05	26.87
DP-SP265/65/200	6.88	23.38	3.25	2.78	2.44	2.17	1.95	1.77	1.62	1.50	1.39	23.38	47.65	16.26	22.25	31.14
DP-SP300/65/150	5.56	21.43	2.98	2.55	2.23	1.98	1.79	1.62	1.49	1.37	1.28	23.78	32.14	10.79	15.85	22.86
DP-SP300/65/180	6.68	28.47	3.95	3.39	2.97	2.64	2.37	2.16	1.98	1.82	1.69	28.47	47.00	15.13	21.28	30.34
DP-SP300/65/200	7.42	31.55	4.38	3.76	3.29	2.92	2.63	2.39	2.19	2.02	1.88	31.55	56.80	17.99	24.84	35.12
DP-SP325/65/150	5.85	24.02	3.34	2.86	2.50	2.22	2.00	1.82	1.67	1.54	1.43	28.88	36.02	11.26	16.77	24.50
DP-SP325/65/180	7.02	34.58	4.80	4.12	3.60	3.20	2.88	2.62	2.40	2.22	2.06	34.58	52.70	15.76	22.46	32.41
DP-SP325/65/200	7.80	38.33	5.32	4.56	3.99	3.55	3.19	2.90	2.66	2.46	2.28	38.33	63.69	18.73	26.18	37.45

ProSigma+ (Galv.) - Single Span Purlins - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	Gravity Load	Ultimate U.D.L. in kN/Span		
			Allowable loading in kN/m ²												0	1	2
			Purlin Centres in millimetres														
			1200	1400	1600	1800	2000	2200	2400	2600	2800						
ProSigma + Single Span Purlins Load Tables			Minimum 450 MPA										Span = 6.5				
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	4.69										4.69	10.96	5.51	7.29	9.71	
DP-SP145/65/180	4.53	5.60	0.72									5.60	15.99	7.83	10.01	13.14	
DP-SP145/65/200	5.03	6.19	0.79	0.68								6.19	19.28	9.38	11.80	15.34	
DP-SP175/65/150	4.13	6.25	0.80	0.69								6.25	14.09	6.26	8.49	11.56	
DP-SP175/65/180	4.95	7.46	0.96	0.82	0.72							7.46	20.57	8.88	11.59	15.56	
DP-SP175/65/200	5.49	8.26	1.06	0.91	0.79	0.71						8.26	24.82	10.62	13.63	18.12	
DP-SP205/65/150	4.47	9.07	1.16	1.00	0.87	0.78	0.70					9.07	17.47	6.78	9.46	13.20	
DP-SP205/65/180	5.36	10.84	1.39	1.19	1.04	0.93	0.83	0.76	0.70			10.84	25.51	9.58	12.84	17.64	
DP-SP205/65/200	5.95	12.01	1.54	1.32	1.15	1.03	0.92	0.84	0.77	0.71		12.01	30.80	11.44	15.05	20.49	
DP-SP235/65/150	4.81	11.28	1.45	1.24	1.08	0.96	0.87	0.79	0.72			11.28	21.07	8.08	11.20	15.62	
DP-SP235/65/180	5.78	13.48	1.73	1.48	1.30	1.15	1.04	0.94	0.86	0.80	0.74	13.48	30.79	11.41	15.21	20.87	
DP-SP235/65/200	6.42	14.94	1.91	1.64	1.44	1.28	1.15	1.04	0.96	0.88	0.82	14.94	37.19	13.62	17.84	24.23	
DP-SP265/65/150	5.16	15.03	1.93	1.65	1.45	1.28	1.16	1.05	0.96	0.89	0.83	15.03	24.91	8.69	12.25	17.36	
DP-SP265/65/180	6.19	17.98	2.31	1.98	1.73	1.54	1.38	1.26	1.15	1.06	0.99	17.98	36.41	12.25	16.58	23.09	
DP-SP265/65/200	6.88	19.92	2.55	2.19	1.92	1.70	1.53	1.39	1.28	1.18	1.09	19.92	43.98	14.61	19.42	26.77	
DP-SP300/65/150	5.56	19.78	2.54	2.17	1.90	1.69	1.52	1.38	1.27	1.17	1.09	20.27	29.67	9.62	13.70	19.61	
DP-SP300/65/180	6.68	24.26	3.11	2.67	2.33	2.07	1.87	1.70	1.55	1.44	1.33	24.26	43.39	13.56	18.50	26.01	
DP-SP300/65/200	7.42	26.88	3.45	2.95	2.59	2.30	2.07	1.88	1.72	1.59	1.48	26.88	52.43	16.16	21.64	30.12	
DP-SP325/65/150	5.85	22.17	2.84	2.44	2.13	1.89	1.71	1.55	1.42	1.31	1.22	24.61	33.25	10.03	14.47	20.97	
DP-SP325/65/180	7.02	29.46	3.78	3.24	2.83	2.52	2.27	2.06	1.89	1.74	1.62	29.46	48.65	14.10	19.48	27.72	
DP-SP325/65/200	7.80	32.66	4.19	3.59	3.14	2.79	2.51	2.28	2.09	1.93	1.79	32.66	58.79	16.80	22.77	32.04	

ProSigma + Single Span Purlins Load Tables			Minimum 450 MPA										Span = 7.0				
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	4.04										4.04	10.18	5.00	6.47	8.55	
DP-SP145/65/180	4.53	4.83										4.83	14.84	7.14	8.92	11.56	
DP-SP145/65/200	5.03	5.34										5.34	17.90	8.56	10.53	13.51	
DP-SP175/65/150	4.13	5.39										5.39	13.09	5.68	7.51	10.13	
DP-SP175/65/180	4.95	6.44	0.77									6.44	19.10	8.08	10.29	13.63	
DP-SP175/65/200	5.49	7.12	0.85	0.73								7.12	23.05	9.67	12.13	15.89	
DP-SP205/65/150	4.47	7.82	0.93	0.80	0.70							7.82	16.22	6.13	8.32	11.51	
DP-SP205/65/180	5.36	9.35	1.11	0.95	0.83	0.74						9.35	23.69	8.69	11.35	15.39	
DP-SP205/65/200	5.95	10.35	1.23	1.06	0.92	0.82	0.74					10.35	28.60	10.40	13.34	17.89	
DP-SP235/65/150	4.81	9.72	1.16	0.99	0.87	0.77	0.69					9.72	19.57	7.30	9.86	13.61	
DP-SP235/65/180	5.78	11.63	1.38	1.19	1.04	0.92	0.83	0.76	0.69			11.63	28.59	10.36	13.46	18.20	
DP-SP235/65/200	6.42	12.88	1.53	1.31	1.15	1.02	0.92	0.84	0.77	0.71		12.88	34.53	12.39	15.82	21.16	
DP-SP265/65/150	5.16	12.96	1.54	1.32	1.16	1.03	0.93	0.84	0.77	0.71		12.96	23.13	7.85	10.76	15.09	
DP-SP265/65/180	6.19	15.50	1.85	1.58	1.38	1.23	1.11	1.01	0.92	0.85	0.79	15.50	33.81	11.11	14.64	20.08	
DP-SP265/65/200	6.88	17.18	2.05	1.75	1.53	1.36	1.23	1.12	1.02	0.94	0.88	17.18	40.84	13.28	17.18	23.31	
DP-SP300/65/150	5.56	17.47	2.08	1.78	1.56	1.39	1.25	1.13	1.04	0.96	0.89	17.47	27.55	8.68	12.01	17.01	
DP-SP300/65/180	6.68	20.91	2.49	2.13	1.87	1.66	1.49	1.36	1.24	1.15	1.07	20.91	40.29	12.29	16.31	22.58	
DP-SP300/65/200	7.42	23.18	2.76	2.37	2.07	1.84	1.66	1.51	1.38	1.27	1.18	23.18	48.68	14.67	19.13	26.17	
DP-SP325/65/150	5.85	20.58	2.45	2.10	1.84	1.63	1.47	1.34	1.23	1.13	1.05	21.22	30.88	9.04	12.66	18.14	
DP-SP325/65/180	7.02	25.40	3.02	2.59	2.27	2.02	1.81	1.65	1.51	1.40	1.30	25.40	45.17	12.77	17.14	24.00	
DP-SP325/65/200	7.80	28.16	3.35	2.87	2.51	2.23	2.01	1.83	1.68	1.55	1.44	28.16	54.59	15.24	20.09	27.78	

ProSigma + Single Span Purlins Load Tables			Minimum 450 MPA										Span = 7.5				
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	3.52										3.52	9.50	4.58	5.80	7.59	
DP-SP145/65/180	4.53	4.21										4.21	13.85	6.56	8.03	10.28	
DP-SP145/65/200	5.03	4.65										4.65	16.71	7.87	9.51	12.02	
DP-SP175/65/150	4.13	4.69										4.69	12.21	5.19	6.71	8.96	
DP-SP175/65/180	4.95	5.61										5.61	17.83	7.41	9.24	12.07	
DP-SP175/65/200	5.49	6.21	0.69									6.21	21.51	8.88	10.92	14.09	
DP-SP205/65/150	4.47	6.81	0.76									6.81	15.14	5.59	7.41	10.13	
DP-SP205/65/180	5.36	8.14	0.90	0.78								8.14	22.11	7.96	10.15	13.57	

ProSigma+ (Galv.) - Single Span Purlins - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	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	
DP-SP205/65/200	5.95	9.02	1.00	0.86	0.75							9.02	26.69	9.53	11.97	15.79	
DP-SP235/65/150	4.81	8.47	0.94	0.81	0.71							8.47	18.26	6.67	8.78	11.98	
DP-SP235/65/180	5.78	10.13	1.13	0.96	0.84	0.75						10.13	26.69	9.49	12.05	16.04	
DP-SP235/65/200	6.42	11.22	1.25	1.07	0.93	0.83	0.75					11.22	32.23	11.37	14.20	18.68	
DP-SP265/65/150	5.16	11.29	1.25	1.08	0.94	0.84	0.75	0.68				11.29	21.59	7.15	9.56	13.24	
DP-SP265/65/180	6.19	13.51	1.50	1.29	1.13	1.00	0.90	0.82	0.75	0.69		13.51	31.56	10.17	13.07	17.66	
DP-SP265/65/200	6.88	14.96	1.66	1.43	1.25	1.11	1.00	0.91	0.83	0.77	0.71	14.96	38.12	12.17	15.39	20.52	
DP-SP300/65/150	5.56	15.22	1.69	1.45	1.27	1.13	1.01	0.92	0.85	0.78	0.72	15.22	25.71	7.91	10.66	14.90	
DP-SP300/65/180	6.68	18.22	2.02	1.74	1.52	1.35	1.21	1.10	1.01	0.93	0.87	18.22	37.60	11.24	14.55	19.81	
DP-SP300/65/200	7.42	20.19	2.24	1.92	1.68	1.50	1.35	1.22	1.12	1.04	0.96	20.19	45.44	13.44	17.11	23.00	
DP-SP325/65/150	5.85	18.48	2.05	1.76	1.54	1.37	1.23	1.12	1.03	0.95	0.88	18.48	28.82	8.23	11.22	15.85	
DP-SP325/65/180	7.02	22.13	2.46	2.11	1.84	1.64	1.48	1.34	1.23	1.13	1.05	22.13	42.16	11.67	15.27	21.02	
DP-SP325/65/200	7.80	24.53	2.73	2.34	2.04	1.82	1.64	1.49	1.36	1.26	1.17	24.53	50.95	13.94	17.94	24.37	

ProSigma + Single Span Purlins Load Tables Minimum 450 MPA Span = 8.0

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	3.10										3.10	8.91	4.23	5.25	6.79
DP-SP145/65/180	4.53	3.70										3.70	12.99	6.06	7.30	9.21
DP-SP145/65/200	5.03	4.09										4.09	15.67	7.29	8.66	10.80
DP-SP175/65/150	4.13	4.13										4.13	11.45	4.78	6.05	7.99
DP-SP175/65/180	4.95	4.93										4.93	16.71	6.84	8.38	10.78
DP-SP175/65/200	5.49	5.45										5.45	20.17	8.22	9.92	12.61
DP-SP205/65/150	4.47	5.99										5.99	14.19	5.14	6.66	9.00
DP-SP205/65/180	5.36	7.16	0.75									7.16	20.73	7.34	9.18	12.07
DP-SP205/65/200	5.95	7.93	0.83	0.71								7.93	25.02	8.80	10.84	14.08
DP-SP235/65/150	4.81	7.44	0.78									7.44	17.12	6.14	7.90	10.64
DP-SP235/65/180	5.78	8.90	0.93	0.79	0.70							8.90	25.02	8.76	10.89	14.28
DP-SP235/65/200	6.42	9.86	1.03	0.88	0.77	0.68						9.86	30.21	10.51	12.86	16.65
DP-SP265/65/150	5.16	9.92	1.03	0.89	0.78	0.69						9.92	20.24	6.58	8.59	11.73
DP-SP265/65/180	6.19	11.87	1.24	1.06	0.93	0.82	0.74					11.87	29.58	9.38	11.80	15.68
DP-SP265/65/200	6.88	13.15	1.37	1.17	1.03	0.91	0.82	0.75	0.69			13.15	35.74	11.23	13.92	18.25
DP-SP300/65/150	5.56	13.38	1.39	1.19	1.05	0.93	0.84	0.76	0.70			13.38	24.10	7.27	9.56	13.17
DP-SP300/65/180	6.68	16.01	1.67	1.43	1.25	1.11	1.00	0.91	0.83	0.77	0.71	16.01	35.25	10.36	13.12	17.57
DP-SP300/65/200	7.42	17.75	1.85	1.58	1.39	1.23	1.11	1.01	0.92	0.85	0.79	17.75	42.60	12.40	15.46	20.43
DP-SP325/65/150	5.85	16.25	1.69	1.45	1.27	1.13	1.02	0.92	0.85	0.78	0.73	16.25	27.02	7.55	10.05	13.99
DP-SP325/65/180	7.02	19.45	2.03	1.74	1.52	1.35	1.22	1.11	1.01	0.94	0.87	19.45	39.53	10.74	13.75	18.60
DP-SP325/65/200	7.80	21.56	2.25	1.93	1.68	1.50	1.35	1.23	1.12	1.04	0.96	21.56	47.77	12.86	16.18	21.60

ProSigma + Single Span Purlins Load Tables Minimum 450 MPA Span = 8.5

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	2.74										2.74	8.38	3.93	4.79	6.12
DP-SP145/65/180	4.53	3.27										3.27	12.22	5.64	6.69	8.33
DP-SP145/65/200	5.03	3.62										3.62	14.74	6.79	7.95	9.78
DP-SP175/65/150	4.13	3.65										3.65	10.78	4.44	5.51	7.18
DP-SP175/65/180	4.95	4.36										4.36	15.73	6.36	7.66	9.72
DP-SP175/65/200	5.49	4.83										4.83	18.98	7.64	9.08	11.38
DP-SP205/65/150	4.47	5.31										5.31	13.36	4.76	6.05	8.06
DP-SP205/65/180	5.36	6.34										6.34	19.51	6.82	8.36	10.84
DP-SP205/65/200	5.95	7.02	0.69									7.02	23.55	8.18	9.90	12.66
DP-SP235/65/150	4.81	6.59										6.59	16.11	5.68	7.18	9.53
DP-SP235/65/180	5.78	7.89	0.77									7.89	23.55	8.14	9.93	12.83
DP-SP235/65/200	6.42	8.73	0.86	0.73								8.73	28.44	9.77	11.76	14.98
DP-SP265/65/150	5.16	8.79	0.86	0.74								8.79	19.05	6.09	7.78	10.48
DP-SP265/65/180	6.19	10.51	1.03	0.88	0.77	0.69						10.51	27.84	8.70	10.74	14.05
DP-SP265/65/200	6.88	11.65	1.14	0.98	0.86	0.76	0.69					11.65	33.64	10.44	12.70	16.39
DP-SP300/65/150	5.56	11.85	1.16	1.00	0.87	0.77	0.70					11.85	22.69	6.72	8.66	11.75
DP-SP300/65/180	6.68	14.18	1.39	1.19	1.04	0.93	0.83	0.76	0.70			14.18	33.18	9.61	11.93	15.72
DP-SP300/65/200	7.42	15.72	1.54	1.32	1.16	1.03	0.92	0.84	0.77	0.71		15.72	40.09	11.52	14.09	18.32
DP-SP325/65/150	5.85	14.39	1.41	1.21	1.06	0.94	0.85	0.77	0.71			14.39	25.43	6.98	9.08	12.46
DP-SP325/65/180	7.02	17.23	1.69	1.45	1.27	1.13	1.01	0.92	0.84	0.78	0.72	17.23	37.20	9.96	12.49	16.62

ProSigma+ (Galv.) - Single Span Purlins - Load Tables

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	Gravity Load	Ultimate U.D.L. in kN/Span		
			Allowable loading in kN/m ²												0	1	2
			Purlin Centres in millimetres														
1200	1400	1600	1800	2000	2200	2400	2600	2800									
DP-SP325/65/200	7.80	19.10	1.87	1.60	1.40	1.25	1.12	1.02	0.94	0.86	0.80	19.10	44.96	11.93	14.73	19.34	

Prosigma + Single Span Purlins Load Tables																
Minimum 450 MPA																
Span = 9.0																
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	2.45										2.45	7.92	3.66	4.40	5.55
DP-SP145/65/180	4.53	2.92										2.92	11.55	5.28	6.17	7.58
DP-SP145/65/200	5.03	3.23										3.23	13.92	6.35	7.34	8.92
DP-SP175/65/150	4.13	3.26										3.26	10.18	4.14	5.05	6.50
DP-SP175/65/180	4.95	3.89										3.89	14.86	5.95	7.05	8.82
DP-SP175/65/200	5.49	4.31										4.31	17.93	7.15	8.37	10.35
DP-SP205/65/150	4.47	4.73										4.73	12.61	4.44	5.53	7.27
DP-SP205/65/180	5.36	5.66										5.66	18.42	6.36	7.68	9.81
DP-SP205/65/200	5.95	6.26										6.26	22.24	7.64	9.10	11.48
DP-SP235/65/150	4.81	5.88										5.88	15.22	5.30	6.57	8.60
DP-SP235/65/180	5.78	7.03										7.03	22.24	7.60	9.13	11.61
DP-SP235/65/200	6.42	7.79	0.72									7.79	26.86	9.13	10.82	13.59
DP-SP265/65/150	5.16	7.84	0.73									7.84	17.99	5.67	7.11	9.43
DP-SP265/65/180	6.19	9.38	0.87	0.74								9.38	26.30	8.12	9.86	12.70
DP-SP265/65/200	6.88	10.39	0.96	0.82	0.72							10.39	31.77	9.75	11.67	14.83
DP-SP300/65/150	5.56	10.57	0.98	0.84	0.73							10.57	21.43	6.26	7.90	10.56
DP-SP300/65/180	6.68	12.65	1.17	1.00	0.88	0.78	0.70					12.65	31.34	8.96	10.94	14.19
DP-SP300/65/200	7.42	14.02	1.30	1.11	0.97	0.87	0.78	0.71				14.02	37.86	10.75	12.94	16.56
DP-SP325/65/150	5.85	12.84	1.19	1.02	0.89	0.79	0.71					12.84	24.02	6.49	8.28	11.18
DP-SP325/65/180	7.02	15.37	1.42	1.22	1.07	0.95	0.85	0.78	0.71			15.37	35.13	9.28	11.43	14.98
DP-SP325/65/200	7.80	17.04	1.58	1.35	1.18	1.05	0.95	0.86	0.79	0.73		17.04	42.46	11.14	13.51	17.45