

ProSigma+ (Galv.) - double Span Purlins - 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	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	
ProSigma + double 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	12.38	2.58	2.21	1.93	1.72	1.55	1.41	1.29	1.19	1.11	17.42	18.57	18.57	18.57	18.57	
DP-SP145/65/180	4.53	17.76	3.70	3.17	2.77	2.47	2.22	2.02	1.85	1.71	1.59	20.79	26.64	26.64	26.64	26.64	
DP-SP145/65/200	5.03	21.28	4.43	3.80	3.33	2.96	2.66	2.42	2.22	2.05	1.90	23.00	31.93	31.93	31.93	31.93	
DP-SP175/65/150	4.13	14.48	3.02	2.59	2.26	2.01	1.81	1.65	1.51	1.39	1.29	25.40	21.72	21.72	21.72	21.72	
DP-SP175/65/180	4.95	21.00	4.37	3.75	3.28	2.92	2.62	2.39	2.19	2.02	1.87	30.34	31.50	31.50	31.50	31.50	
DP-SP175/65/200	5.49	25.27	5.27	4.51	3.95	3.51	3.16	2.87	2.63	2.43	2.26	33.58	37.91	37.91	37.91	37.91	
DP-SP205/65/150	4.47	17.35	3.61	3.10	2.71	2.41	2.17	1.97	1.81	1.67	1.55	36.87	26.03	26.03	26.03	26.03	
DP-SP205/65/180	5.36	25.45	5.30	4.54	3.98	3.53	3.18	2.89	2.65	2.45	2.27	44.07	38.17	38.17	38.17	38.17	
DP-SP205/65/200	5.95	30.77	6.41	5.49	4.81	4.27	3.85	3.50	3.21	2.96	2.75	48.80	46.15	45.90	46.15	46.15	
DP-SP235/65/150	4.81	19.35	4.03	3.46	3.02	2.69	2.42	2.20	2.02	1.86	1.73	48.84	29.02	29.02	29.02	29.02	
DP-SP235/65/180	5.78	28.73	5.99	5.13	4.49	3.99	3.59	3.26	2.99	2.76	2.57	58.41	43.10	43.10	43.10	43.10	
DP-SP235/65/200	6.42	34.90	7.27	6.23	5.45	4.85	4.36	3.97	3.64	3.36	3.12	64.69	52.35	52.35	52.35	52.35	
DP-SP265/65/150	5.16	22.03	4.59	3.93	3.44	3.06	2.75	2.50	2.29	2.12	1.97	65.10	33.05	33.05	33.05	33.05	
DP-SP265/65/180	6.19	33.15	6.91	5.92	5.18	4.60	4.14	3.77	3.45	3.19	2.96	77.88	49.72	49.72	49.72	49.72	
DP-SP265/65/200	6.88	40.46	8.43	7.23	6.32	5.62	5.06	4.60	4.21	3.89	3.61	86.29	60.69	59.33	60.69	60.69	
DP-SP300/65/150	5.56	23.58	4.91	4.21	3.68	3.28	2.95	2.68	2.46	2.27	2.11	87.77	35.37	35.37	35.37	35.37	
DP-SP300/65/180	6.68	34.49	7.19	6.16	5.39	4.79	4.31	3.92	3.59	3.32	3.08	105.06	51.73	51.73	51.73	51.73	
DP-SP300/65/200	7.42	41.67	8.68	7.44	6.51	5.79	5.21	4.74	4.34	4.01	3.72	116.44	62.51	62.51	62.51	62.51	
DP-SP325/65/150	5.85	26.43	5.51	4.72	4.13	3.67	3.30	3.00	2.75	2.54	2.36	106.58	39.65	39.65	39.65	39.65	
DP-SP325/65/180	7.02	38.67	8.06	6.91	6.04	5.37	4.83	4.39	4.03	3.72	3.45	127.61	58.00	58.00	58.00	58.00	
DP-SP325/65/200	7.80	46.73	9.74	8.35	7.30	6.49	5.84	5.31	4.87	4.49	4.17	141.46	70.10	69.82	70.10	70.10	
ProSigma + double 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	11.19	2.07	1.78	1.55	1.38	1.24	1.13	1.04	0.96	0.89	13.76	16.79	16.79	16.79	16.79	
DP-SP145/65/180	4.53	15.97	2.96	2.54	2.22	1.97	1.77	1.61	1.48	1.37	1.27	16.43	23.96	23.96	23.96	23.96	
DP-SP145/65/200	5.03	18.17	3.37	2.88	2.52	2.24	2.02	1.84	1.68	1.55	1.44	18.17	28.66	28.66	28.66	28.66	
DP-SP175/65/150	4.13	13.15	2.43	2.09	1.83	1.62	1.46	1.33	1.22	1.12	1.04	20.07	19.72	19.72	19.72	19.72	
DP-SP175/65/180	4.95	18.94	3.51	3.01	2.63	2.34	2.10	1.91	1.75	1.62	1.50	23.97	28.41	28.41	28.41	28.41	
DP-SP175/65/200	5.49	22.74	4.21	3.61	3.16	2.81	2.53	2.30	2.11	1.94	1.80	26.53	34.11	34.11	34.11	34.11	
DP-SP205/65/150	4.47	15.83	2.93	2.51	2.20	1.95	1.76	1.60	1.47	1.35	1.26	29.13	23.74	23.62	23.74	23.74	
DP-SP205/65/180	5.36	23.02	4.26	3.65	3.20	2.84	2.56	2.33	2.13	1.97	1.83	34.82	34.53	32.14	34.53	34.53	
DP-SP205/65/200	5.95	27.75	5.14	4.40	3.85	3.43	3.08	2.80	2.57	2.37	2.20	38.56	41.62	37.73	41.62	41.62	
DP-SP235/65/150	4.81	17.74	3.29	2.82	2.46	2.19	1.97	1.79	1.64	1.52	1.41	38.59	26.61	26.61	26.61	26.61	
DP-SP235/65/180	5.78	26.07	4.83	4.14	3.62	3.22	2.90	2.63	2.41	2.23	2.07	46.15	39.11	38.08	39.11	39.11	
DP-SP235/65/200	6.42	31.55	5.84	5.01	4.38	3.90	3.51	3.19	2.92	2.70	2.50	51.12	47.33	44.73	47.33	47.33	
DP-SP265/65/150	5.16	20.32	3.76	3.22	2.82	2.51	2.26	2.05	1.88	1.74	1.61	51.43	30.47	30.47	30.47	30.47	
DP-SP265/65/180	6.19	30.19	5.59	4.79	4.19	3.73	3.35	3.05	2.79	2.58	2.40	61.54	45.28	41.47	45.28	45.28	
DP-SP265/65/200	6.88	36.68	6.79	5.82	5.09	4.53	4.08	3.70	3.40	3.13	2.91	68.18	55.02	48.63	55.02	55.02	
DP-SP300/65/150	5.56	20.96	3.88	3.33	2.91	2.59	2.33	2.12	1.94	1.79	1.66	69.35	31.44	31.44	31.44	31.44	
DP-SP300/65/180	6.68	30.66	5.68	4.87	4.26	3.78	3.41	3.10	2.84	2.62	2.43	83.01	45.99	45.99	45.99	45.99	
DP-SP300/65/200	7.42	37.04	6.86	5.88	5.14	4.57	4.12	3.74	3.43	3.17	2.94	92.00	55.57	54.17	55.57	55.57	
DP-SP325/65/150	5.85	23.49	4.35	3.73	3.26	2.90	2.61	2.37	2.18	2.01	1.86	84.22	35.24	35.24	35.24	35.24	
DP-SP325/65/180	7.02	34.37	6.37	5.46	4.77	4.24	3.82	3.47	3.18	2.94	2.73	100.83	51.56	48.65	51.56	51.56	
DP-SP325/65/200	7.80	41.54	7.69	6.59	5.77	5.13	4.62	4.20	3.85	3.55	3.30	111.77	62.31	56.93	62.31	62.31	
ProSigma + double 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	10.20	1.70	1.46	1.28	1.13	1.02	0.93	0.85	0.78	0.73	11.15	15.31	15.31	15.31	15.31	
DP-SP145/65/180	4.53	13.31	2.22	1.90	1.66	1.48	1.33	1.21	1.11	1.02	0.95	13.31	21.76	21.41	21.76	21.76	
DP-SP145/65/200	5.03	14.72	2.45	2.10	1.84	1.64	1.47	1.34	1.23	1.13	1.05	14.72	25.99	25.35	25.99	25.99	
DP-SP175/65/150	4.13	12.03	2.00	1.72	1.50	1.34	1.20	1.09	1.00	0.93	0.86	16.25	18.04	17.88	18.04	18.04	
DP-SP175/65/180	4.95	17.24	2.87	2.46	2.15	1.92	1.72	1.57	1.44	1.33	1.23	19.42	25.86	24.65	25.86	25.86	
DP-SP175/65/200	5.49	20.66	3.44	2.95	2.58	2.30	2.07	1.88	1.72	1.59	1.48	21.49	30.99	29.11	30.99	30.99	
DP-SP205/65/150	4.47	14.53	2.42	2.08	1.82	1.61	1.45	1.32	1.21	1.12	1.04	23.60	21.80	19.76	21.80	21.80	
DP-SP205/65/180	5.36	21.00	3.50	3.00	2.63	2.33	2.10	1.91	1.75	1.62	1.50	28.20	31.51	27.08	31.51	31.51	
DP-SP205/65/200	5.95	25.26	4.21	3.61	3.16	2.81	2.53	2.30	2.10	1.94	1.80	31.23	37.89	31.91	37.89	37.89	

ProSigma+ (Galv.) - double Span Purlins - 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	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-SP235/65/150	4.81	16.35	2.73	2.34	2.04	1.82	1.64	1.49	1.36	1.26	1.17	31.26	24.53	23.42	24.53	24.53	
DP-SP235/65/180	5.78	23.85	3.97	3.41	2.98	2.65	2.38	2.17	1.99	1.83	1.70	37.38	35.77	32.12	35.77	35.77	
DP-SP235/65/200	6.42	28.78	4.80	4.11	3.60	3.20	2.88	2.62	2.40	2.21	2.06	41.40	43.16	37.86	43.16	43.16	
DP-SP265/65/150	5.16	18.80	3.13	2.69	2.35	2.09	1.88	1.71	1.57	1.45	1.34	41.66	28.21	25.50	28.21	28.21	
DP-SP265/65/180	6.19	27.68	4.61	3.95	3.46	3.08	2.77	2.52	2.31	2.13	1.98	49.84	41.52	34.87	41.52	41.52	
DP-SP265/65/200	6.88	33.52	5.59	4.79	4.19	3.72	3.35	3.05	2.79	2.58	2.39	55.23	50.28	41.03	50.28	50.28	
DP-SP300/65/150	5.56	18.86	3.14	2.69	2.36	2.10	1.89	1.71	1.57	1.45	1.35	56.18	28.30	28.30	28.30	28.30	
DP-SP300/65/180	6.68	27.59	4.60	3.94	3.45	3.07	2.76	2.51	2.30	2.12	1.97	67.24	41.39	38.80	41.39	41.39	
DP-SP300/65/200	7.42	33.19	5.53	4.74	4.15	3.69	3.32	3.02	2.77	2.55	2.37	74.52	49.79	45.63	49.79	49.79	
DP-SP325/65/150	5.85	21.15	3.52	3.02	2.64	2.35	2.11	1.92	1.76	1.63	1.51	68.21	31.72	29.91	31.72	31.72	
DP-SP325/65/180	7.02	30.60	5.10	4.37	3.82	3.40	3.06	2.78	2.55	2.35	2.19	81.67	45.90	40.72	45.90	45.90	
DP-SP325/65/200	7.80	36.17	6.03	5.17	4.52	4.02	3.62	3.29	3.01	2.78	2.58	90.53	54.26	47.83	54.26	54.26	

ProSigma + double 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	9.21	1.40	1.20	1.05	0.93	0.84	0.76	0.70			9.21	14.06	13.36	14.06	14.06
DP-SP145/65/180	4.53	11.00	1.67	1.43	1.25	1.11	1.00	0.91	0.83	0.77	0.71	11.00	19.93	18.62	19.93	19.93
DP-SP145/65/200	5.03	12.17	1.84	1.58	1.38	1.23	1.11	1.01	0.92	0.85	0.79	12.17	23.77	22.10	23.77	23.77
DP-SP175/65/150	4.13	11.08	1.68	1.44	1.26	1.12	1.01	0.92	0.84	0.77	0.72	13.43	16.62	15.38	16.62	16.62
DP-SP175/65/180	4.95	15.82	2.40	2.05	1.80	1.60	1.44	1.31	1.20	1.11	1.03	16.05	23.72	21.34	23.72	23.72
DP-SP175/65/200	5.49	17.76	2.69	2.31	2.02	1.79	1.61	1.47	1.35	1.24	1.15	17.76	28.39	25.28	28.39	28.39
DP-SP205/65/150	4.47	13.42	2.03	1.74	1.53	1.36	1.22	1.11	1.02	0.94	0.87	19.50	20.13	16.91	20.13	20.13
DP-SP205/65/180	5.36	19.31	2.93	2.51	2.19	1.95	1.76	1.60	1.46	1.35	1.25	23.31	28.96	23.34	28.96	28.96
DP-SP205/65/200	5.95	23.17	3.51	3.01	2.63	2.34	2.11	1.91	1.76	1.62	1.50	25.81	34.76	27.59	34.76	34.76
DP-SP235/65/150	4.81	15.15	2.30	1.97	1.72	1.53	1.38	1.25	1.15	1.06	0.98	25.83	22.72	20.06	22.72	22.72
DP-SP235/65/180	5.78	21.96	3.33	2.85	2.50	2.22	2.00	1.81	1.66	1.54	1.43	30.89	32.94	27.71	32.94	32.94
DP-SP235/65/200	6.42	26.44	4.01	3.43	3.00	2.67	2.40	2.19	2.00	1.85	1.72	34.22	39.66	32.76	39.66	39.66
DP-SP265/65/150	5.16	17.48	2.65	2.27	1.99	1.77	1.59	1.44	1.32	1.22	1.13	34.43	26.22	21.78	26.22	26.22
DP-SP265/65/180	6.19	25.54	3.87	3.32	2.90	2.58	2.32	2.11	1.94	1.79	1.66	41.19	38.31	30.00	38.31	38.31
DP-SP265/65/200	6.88	30.85	4.67	4.01	3.51	3.12	2.80	2.55	2.34	2.16	2.00	45.64	46.28	35.41	46.07	46.28
DP-SP300/65/150	5.56	17.15	2.60	2.23	1.95	1.73	1.56	1.42	1.30	1.20	1.11	46.43	25.72	24.24	25.72	25.72
DP-SP300/65/180	6.68	24.40	3.70	3.17	2.77	2.46	2.22	2.02	1.85	1.71	1.58	55.57	36.60	33.33	36.60	36.60
DP-SP300/65/200	7.42	28.75	4.36	3.73	3.27	2.90	2.61	2.38	2.18	2.01	1.87	61.59	43.13	39.32	43.13	43.13
DP-SP325/65/150	5.85	19.11	2.90	2.48	2.17	1.93	1.74	1.58	1.45	1.34	1.24	56.38	28.66	25.45	28.66	28.66
DP-SP325/65/180	7.02	26.55	4.02	3.45	3.02	2.68	2.41	2.19	2.01	1.86	1.72	67.50	39.83	34.90	39.83	39.83
DP-SP325/65/200	7.80	31.24	4.73	4.06	3.55	3.16	2.84	2.58	2.37	2.18	2.03	74.82	46.87	41.13	46.87	46.87

ProSigma + double 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	7.74	1.08	0.92	0.81	0.72						7.74	13.00	11.74	13.00	13.00
DP-SP145/65/180	4.53	9.24	1.28	1.10	0.96	0.86	0.77	0.70				9.24	18.38	16.45	18.38	18.38
DP-SP145/65/200	5.03	10.22	1.42	1.22	1.06	0.95	0.85	0.77	0.71			10.22	21.91	19.58	21.91	21.91
DP-SP175/65/150	4.13	10.26	1.43	1.22	1.07	0.95	0.86	0.78	0.71			11.29	15.40	13.47	15.40	15.40
DP-SP175/65/180	4.95	13.48	1.87	1.61	1.40	1.25	1.12	1.02	0.94	0.86	0.80	13.48	21.91	18.80	21.91	21.91
DP-SP175/65/200	5.49	14.92	2.07	1.78	1.55	1.38	1.24	1.13	1.04	0.96	0.89	14.92	26.19	22.33	26.19	26.19
DP-SP205/65/150	4.47	12.46	1.73	1.48	1.30	1.15	1.04	0.94	0.87	0.80	0.74	16.39	18.70	14.75	18.70	18.70
DP-SP205/65/180	5.36	17.86	2.48	2.13	1.86	1.65	1.49	1.35	1.24	1.14	1.06	19.59	26.79	20.48	26.16	26.79
DP-SP205/65/200	5.95	21.40	2.97	2.55	2.23	1.98	1.78	1.62	1.49	1.37	1.27	21.69	32.10	24.28	30.60	32.10
DP-SP235/65/150	4.81	14.10	1.96	1.68	1.47	1.31	1.18	1.07	0.98	0.90	0.84	21.71	21.15	17.51	21.15	21.15
DP-SP235/65/180	5.78	20.35	2.83	2.42	2.12	1.88	1.70	1.54	1.41	1.30	1.21	25.96	30.52	24.34	30.52	30.52
DP-SP235/65/200	6.42	24.45	3.40	2.91	2.55	2.26	2.04	1.85	1.70	1.57	1.46	28.75	36.68	28.85	36.23	36.68
DP-SP265/65/150	5.16	16.31	2.27	1.94	1.70	1.51	1.36	1.24	1.13	1.05	0.97	28.93	24.47	18.96	24.47	24.47
DP-SP265/65/180	6.19	23.70	3.29	2.82	2.47	2.19	1.98	1.80	1.65	1.52	1.41	34.61	35.55	26.28	33.86	35.55
DP-SP265/65/200	6.88	28.57	3.97	3.40	2.98	2.65	2.38	2.16	1.98	1.83	1.70	38.35	42.85	31.12	39.55	42.85
DP-SP300/65/150	5.56	15.44	2.15	1.84	1.61	1.43	1.29	1.17	1.07	0.99	0.92	39.01	23.17	21.08	23.17	23.17
DP-SP300/65/180	6.68	21.32	2.96	2.54	2.22	1.97	1.78	1.61	1.48	1.37	1.27	46.69	31.97	29.17	31.97	31.97
DP-SP300/65/200	7.42	25.00	3.47	2.98	2.60	2.32	2.08	1.89	1.74	1.60	1.49	51.75	37.51	34.51	37.51	37.51
DP-SP325/65/150	5.85	16.81	2.33	2.00	1.75	1.56	1.40	1.27	1.17	1.08	1.00	47.37	25.22	22.08	25.22	25.22
DP-SP325/65/180	7.02	23.13	3.21	2.75	2.41	2.14	1.93	1.75	1.61	1.48	1.38	56.71	34.70	30.49	34.70	34.70
DP-SP325/65/200	7.80	27.09	3.76	3.23	2.82	2.51	2.26	2.05	1.88	1.74	1.61	62.87	40.64	36.04	40.64	40.64

ProSigma+ (Galv.) - double Span Purlins - 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	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	
Prosigma + double Span Purlins Load Tables			Minmun 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	6.60	0.85	0.72								6.60	12.09	10.47	12.09	12.09	
DP-SP145/65/180	4.53	7.87	1.01	0.87	0.76							7.87	17.06	14.74	17.06	17.06	
DP-SP145/65/200	5.03	8.71	1.12	0.96	0.84	0.74						8.71	20.31	17.58	20.31	20.31	
DP-SP175/65/150	4.13	9.56	1.23	1.05	0.92	0.82	0.74					9.62	14.34	11.97	14.34	14.34	
DP-SP175/65/180	4.95	11.49	1.47	1.26	1.10	0.98	0.88	0.80	0.74			11.49	20.35	16.80	20.35	20.35	
DP-SP175/65/200	5.49	12.72	1.63	1.40	1.22	1.09	0.98	0.89	0.82	0.75	0.70	12.72	24.30	19.99	24.24	24.30	
DP-SP205/65/150	4.47	11.63	1.49	1.28	1.12	0.99	0.89	0.81	0.75	0.69		13.96	17.45	13.06	16.82	17.45	
DP-SP205/65/180	5.36	16.61	2.13	1.83	1.60	1.42	1.28	1.16	1.06	0.98	0.91	16.69	24.91	18.24	22.82	24.91	
DP-SP205/65/200	5.95	18.48	2.37	2.03	1.78	1.58	1.42	1.29	1.18	1.09	1.02	18.48	29.82	21.67	26.76	29.82	
DP-SP235/65/150	4.81	13.18	1.69	1.45	1.27	1.13	1.01	0.92	0.85	0.78	0.72	18.49	19.78	15.52	19.78	19.78	
DP-SP235/65/180	5.78	18.95	2.43	2.08	1.82	1.62	1.46	1.33	1.21	1.12	1.04	22.12	28.42	21.69	27.03	28.42	
DP-SP235/65/200	6.42	22.74	2.91	2.50	2.19	1.94	1.75	1.59	1.46	1.35	1.25	24.50	34.11	25.77	31.71	34.11	
DP-SP265/65/150	5.16	15.28	1.96	1.68	1.47	1.31	1.18	1.07	0.98	0.90	0.84	24.65	22.92	16.77	21.78	22.92	
DP-SP265/65/180	6.19	22.10	2.83	2.43	2.13	1.89	1.70	1.55	1.42	1.31	1.21	29.49	33.15	23.38	29.47	33.15	
DP-SP265/65/200	6.88	26.59	3.41	2.92	2.56	2.27	2.05	1.86	1.70	1.57	1.46	32.68	39.89	27.75	34.52	39.89	
DP-SP300/65/150	5.56	13.66	1.75	1.50	1.31	1.17	1.05	0.96	0.88	0.81	0.75	33.24	20.50	18.62	20.50	20.50	
DP-SP300/65/180	6.68	18.69	2.40	2.05	1.80	1.60	1.44	1.31	1.20	1.11	1.03	39.79	28.03	25.92	28.03	28.03	
DP-SP300/65/200	7.42	21.83	2.80	2.40	2.10	1.87	1.68	1.53	1.40	1.29	1.20	44.10	32.75	30.74	32.75	32.75	
DP-SP325/65/150	5.85	14.84	1.90	1.63	1.43	1.27	1.14	1.04	0.95	0.88	0.82	40.36	22.26	19.47	22.26	22.26	
DP-SP325/65/180	7.02	20.22	2.59	2.22	1.94	1.73	1.56	1.41	1.30	1.20	1.11	48.33	30.33	27.05	30.33	30.33	
DP-SP325/65/200	7.80	23.59	3.02	2.59	2.27	2.02	1.81	1.65	1.51	1.40	1.30	53.57	35.38	32.05	35.38	35.38	

Prosigma + double Span Purlins Load Tables			mimumum 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	5.69										5.69	11.30	9.44	11.30	11.30	
DP-SP145/65/180	4.53	6.79	0.81	0.69								6.79	15.91	13.35	15.85	15.91	
DP-SP145/65/200	5.03	7.51	0.89	0.77								7.51	18.93	15.95	18.73	18.93	
DP-SP175/65/150	4.13	8.29	0.99	0.85	0.74							8.29	13.42	10.77	13.34	13.42	
DP-SP175/65/180	4.95	9.91	1.18	1.01	0.88	0.79	0.71					9.91	19.00	15.18	18.30	19.00	
DP-SP175/65/200	5.49	10.96	1.31	1.12	0.98	0.87	0.78	0.71				10.96	22.67	18.10	21.57	22.67	
DP-SP205/65/150	4.47	10.90	1.30	1.11	0.97	0.87	0.78	0.71				12.04	16.35	11.71	14.80	16.35	
DP-SP205/65/180	5.36	14.39	1.71	1.47	1.28	1.14	1.03	0.93	0.86	0.79	0.73	14.39	23.28	16.43	20.18	23.28	
DP-SP205/65/200	5.95	15.93	1.90	1.63	1.42	1.26	1.14	1.03	0.95	0.88	0.81	15.93	27.84	19.57	23.72	27.84	
DP-SP235/65/150	4.81	12.38	1.47	1.26	1.10	0.98	0.88	0.80	0.74			15.95	18.56	13.93	17.52	18.56	
DP-SP235/65/180	5.78	17.73	2.11	1.81	1.58	1.41	1.27	1.15	1.06	0.97	0.90	19.07	26.59	19.56	23.92	26.59	
DP-SP235/65/200	6.42	21.12	2.51	2.16	1.89	1.68	1.51	1.37	1.26	1.16	1.08	21.12	31.87	23.29	28.13	31.87	
DP-SP265/65/150	5.16	14.37	1.71	1.47	1.28	1.14	1.03	0.93	0.86	0.79	0.73	21.26	21.55	15.02	19.12	21.55	
DP-SP265/65/180	6.19	20.70	2.46	2.11	1.85	1.64	1.48	1.34	1.23	1.14	1.06	25.43	31.05	21.05	26.02	31.05	
DP-SP265/65/200	6.88	24.87	2.96	2.54	2.22	1.97	1.78	1.61	1.48	1.37	1.27	28.18	37.30	25.03	30.55	37.30	
DP-SP300/65/150	5.56	12.12	1.44	1.24	1.08	0.96	0.87	0.79	0.72			28.66	18.19	16.66	18.19	18.19	
DP-SP300/65/180	6.68	16.44	1.96	1.68	1.47	1.30	1.17	1.07	0.98	0.90	0.84	34.31	24.66	23.31	24.66	24.66	
DP-SP300/65/200	7.42	19.14	2.28	1.95	1.71	1.52	1.37	1.24	1.14	1.05	0.98	38.02	28.72	27.71	28.72	28.72	
DP-SP325/65/150	5.85	13.13	1.56	1.34	1.17	1.04	0.94	0.85	0.78	0.72		34.80	19.70	17.40	19.70	19.70	
DP-SP325/65/180	7.02	17.75	2.11	1.81	1.58	1.41	1.27	1.15	1.06	0.98	0.91	41.67	26.62	24.29	26.62	26.62	
DP-SP325/65/200	7.80	20.63	2.46	2.10	1.84	1.64	1.47	1.34	1.23	1.13	1.05	46.19	30.94	28.85	30.94	30.94	

Prosigma + double Span Purlins Load Tables			Minmun 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	4.96										4.96	10.60	8.60	10.31	10.60	
DP-SP145/65/180	4.53	5.91										5.91	14.90	12.20	14.28	14.90	
DP-SP145/65/200	5.03	6.54	0.73									6.54	17.72	14.60	16.90	17.72	
DP-SP175/65/150	4.13	7.22	0.80	0.69								7.22	12.61	9.79	11.92	12.61	
DP-SP175/65/180	4.95	8.63	0.96	0.82	0.72							8.63	17.82	13.85	16.43	17.82	
DP-SP175/65/200	5.49	9.55	1.06	0.91	0.80	0.71						9.55	21.24	16.54	19.41	21.24	
DP-SP205/65/150	4.47	10.25	1.14	0.98	0.85	0.76	0.68					10.49	15.38	10.61	13.17	15.38	
DP-SP205/65/180	5.36	12.54	1.39	1.19	1.04	0.93	0.84	0.76	0.70			12.54	21.85	14.96	18.05	21.85	

ProSigma+ (Galv.) - double 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	13.88	1.54	1.32	1.16	1.03	0.93	0.84	0.77	0.71	13.88	26.10	17.84	21.27	26.10	
DP-SP235/65/150	4.81	11.66	1.30	1.11	0.97	0.86	0.78	0.71			13.89	17.49	12.63	15.61	17.49	
DP-SP235/65/180	5.78	16.61	1.85	1.58	1.38	1.23	1.11	1.01	0.92	0.85	0.79	16.61	24.98	17.81	21.42	24.98
DP-SP235/65/200	6.42	18.40	2.04	1.75	1.53	1.36	1.23	1.12	1.02	0.94	0.88	18.40	29.90	21.24	25.24	29.90
DP-SP265/65/150	5.16	13.55	1.51	1.29	1.13	1.00	0.90	0.82	0.75	0.70		18.52	20.33	13.60	17.00	20.33
DP-SP265/65/180	6.19	19.46	2.16	1.85	1.62	1.44	1.30	1.18	1.08	1.00	0.93	22.15	29.20	19.14	23.24	29.20
DP-SP265/65/200	6.88	23.35	2.59	2.22	1.95	1.73	1.56	1.42	1.30	1.20	1.11	24.55	35.03	22.80	27.36	35.03
DP-SP300/65/150	5.56	10.79	1.20	1.03	0.90	0.80	0.72					24.97	16.18	15.07	16.18	16.18
DP-SP300/65/180	6.68	14.53	1.61	1.38	1.21	1.08	0.97	0.88	0.81	0.74	0.69	29.88	21.79	21.18	21.79	21.79
DP-SP300/65/200	7.42	16.87	1.87	1.61	1.41	1.25	1.12	1.02	0.94	0.87	0.80	33.12	25.31	25.23	25.31	25.31
DP-SP325/65/150	5.85	11.66	1.30	1.11	0.97	0.86	0.78	0.71				30.32	17.49	15.72	17.49	17.49
DP-SP325/65/180	7.02	15.64	1.74	1.49	1.30	1.16	1.04	0.95	0.87	0.80	0.74	36.30	23.46	22.05	23.46	23.46
DP-SP325/65/200	7.80	18.13	2.01	1.73	1.51	1.34	1.21	1.10	1.01	0.93	0.86	40.24	27.20	26.24	27.20	27.20

Prosigma + double 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	4.36										4.36	9.98	7.89	9.33	9.98
DP-SP145/65/180	4.53	5.20										5.20	14.02	11.24	12.98	14.02
DP-SP145/65/200	5.03	5.75										5.75	16.66	13.46	15.39	16.66
DP-SP175/65/150	4.13	6.35										6.35	11.89	8.97	10.76	11.89
DP-SP175/65/180	4.95	7.58	0.79									7.58	16.77	12.73	14.90	16.77
DP-SP175/65/200	5.49	8.39	0.87	0.75								8.39	19.98	15.23	17.63	19.98
DP-SP205/65/150	4.47	9.22	0.96	0.82	0.72							9.22	14.52	9.70	11.85	14.52
DP-SP205/65/180	5.36	11.02	1.15	0.98	0.86	0.77	0.69					11.02	20.58	13.73	16.31	20.58
DP-SP205/65/200	5.95	12.20	1.27	1.09	0.95	0.85	0.76	0.69				12.20	24.57	16.40	19.26	24.57
DP-SP235/65/150	4.81	11.02	1.15	0.98	0.86	0.76	0.69					12.21	16.52	11.56	14.05	16.52
DP-SP235/65/180	5.78	14.60	1.52	1.30	1.14	1.01	0.91	0.83	0.76	0.70		14.60	23.55	16.35	19.36	23.55
DP-SP235/65/200	6.42	16.17	1.68	1.44	1.26	1.12	1.01	0.92	0.84	0.78	0.72	16.17	28.16	19.54	22.87	28.16
DP-SP265/65/150	5.16	12.82	1.34	1.14	1.00	0.89	0.80	0.73				16.27	19.23	12.43	15.27	19.23
DP-SP265/65/180	6.19	18.37	1.91	1.64	1.43	1.28	1.15	1.04	0.96	0.88	0.82	19.47	27.55	17.55	20.98	27.55
DP-SP265/65/200	6.88	21.57	2.25	1.93	1.69	1.50	1.35	1.23	1.12	1.04	0.96	21.57	33.02	20.95	24.74	32.45
DP-SP300/65/150	5.56	9.63	1.00	0.86	0.75							21.94	14.45	13.76	14.45	14.45
DP-SP300/65/180	6.68	12.89	1.34	1.15	1.01	0.90	0.81	0.73				26.26	19.34	19.34	19.34	19.34
DP-SP300/65/200	7.42	14.95	1.56	1.33	1.17	1.04	0.93	0.85	0.78	0.72		29.11	22.42	22.42	22.42	22.42
DP-SP325/65/150	5.85	10.38	1.08	0.93	0.81	0.72						26.65	15.57	14.33	15.57	15.57
DP-SP325/65/180	7.02	13.85	1.44	1.24	1.08	0.96	0.87	0.79	0.72			31.90	20.77	20.19	20.77	20.77
DP-SP325/65/200	7.80	16.03	1.67	1.43	1.25	1.11	1.00	0.91	0.83	0.77	0.72	35.36	24.04	24.04	24.04	24.04

Prosigma + double Span Purlins Load Tables Minmun 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	3.86										3.86	9.43	7.30	8.52	9.43
DP-SP145/65/180	4.53	4.60										4.60	13.23	10.42	11.89	13.23
DP-SP145/65/200	5.03	5.09										5.09	15.72	12.50	14.13	15.72
DP-SP175/65/150	4.13	5.62										5.62	11.24	8.28	9.79	11.24
DP-SP175/65/180	4.95	6.72										6.72	15.84	11.79	13.61	15.84
DP-SP175/65/200	5.49	7.44	0.73									7.44	18.86	14.12	16.14	18.86
DP-SP205/65/150	4.47	8.16	0.80	0.69								8.16	13.74	8.94	10.75	13.74
DP-SP205/65/180	5.36	9.76	0.96	0.82	0.72							9.76	19.46	12.68	14.87	19.27
DP-SP205/65/200	5.95	10.81	1.06	0.91	0.79	0.71						10.81	23.21	15.17	17.59	22.51
DP-SP235/65/150	4.81	10.44	1.02	0.88	0.77	0.68						10.82	15.66	10.65	12.76	15.66
DP-SP235/65/180	5.78	12.93	1.27	1.09	0.95	0.85	0.76	0.69				12.93	22.27	15.12	17.66	22.27
DP-SP235/65/200	6.42	14.33	1.40	1.20	1.05	0.94	0.84	0.77	0.70			14.33	26.62	18.09	20.90	26.62
DP-SP265/65/150	5.16	12.17	1.19	1.02	0.89	0.80	0.72					14.42	18.25	11.44	13.84	18.25
DP-SP265/65/180	6.19	17.25	1.69	1.45	1.27	1.13	1.01	0.92	0.85	0.78	0.72	17.25	26.07	16.21	19.10	24.98
DP-SP265/65/200	6.88	19.11	1.87	1.61	1.41	1.25	1.12	1.02	0.94	0.86	0.80	19.11	31.22	19.37	22.57	29.13
DP-SP300/65/150	5.56	8.63	0.85	0.72								19.44	12.94	12.66	12.94	12.94
DP-SP300/65/180	6.68	11.50	1.13	0.97	0.85	0.75						23.27	17.25	17.25	17.25	17.25
DP-SP300/65/200	7.42	13.32	1.31	1.12	0.98	0.87	0.78	0.71				25.79	19.98	19.98	19.98	19.98
DP-SP325/65/150	5.85	9.28	0.91	0.78	0.68							23.60	13.92	13.17	13.92	13.92
DP-SP325/65/180	7.02	12.33	1.21	1.04	0.91	0.81	0.73					28.26	18.49	18.49	18.49	18.49

ProSigma+ (Galv.) - double 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-SP325/65/200	7.80	14.25	1.40	1.20	1.05	0.93	0.84	0.76	0.70			31.33	21.38	21.38	21.38	21.38

ProSigma + double Span Purlins Load Tables																
Minmun 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	3.44										3.44	8.94	6.79	7.83	8.94
DP-SP145/65/180	4.53	4.11										4.11	12.53	9.71	10.97	12.53
DP-SP145/65/200	5.03	4.54										4.54	14.88	11.66	13.05	14.88
DP-SP175/65/150	4.13	5.02										5.02	10.66	7.69	8.98	10.66
DP-SP175/65/180	4.95	5.99										5.99	15.01	10.98	12.53	15.01
DP-SP175/65/200	5.49	6.63										6.63	17.86	13.16	14.89	17.86
DP-SP205/65/150	4.47	7.28										7.28	13.05	8.29	9.83	12.92
DP-SP205/65/180	5.36	8.71	0.81	0.69								8.71	18.44	11.79	13.65	17.44
DP-SP205/65/200	5.95	9.64	0.89	0.77								9.64	21.99	14.12	16.18	20.40
DP-SP235/65/150	4.81	9.65	0.89	0.77								9.65	14.88	9.88	11.67	14.88
DP-SP235/65/180	5.78	11.54	1.07	0.92	0.80	0.71						11.54	21.12	14.07	16.23	20.65
DP-SP235/65/200	6.42	12.78	1.18	1.01	0.89	0.79	0.71					12.78	25.23	16.84	19.23	24.16
DP-SP265/65/150	5.16	11.57	1.07	0.92	0.80	0.71						12.86	17.36	10.60	12.64	16.77
DP-SP265/65/180	6.19	15.38	1.42	1.22	1.07	0.95	0.85	0.78	0.71			15.38	24.75	15.07	17.52	22.57
DP-SP265/65/200	6.88	17.05	1.58	1.35	1.18	1.05	0.95	0.86	0.79	0.73		17.05	29.61	18.03	20.75	26.37
DP-SP300/65/150	5.56	7.76	0.72									17.34	11.64	11.64	11.64	11.64
DP-SP300/65/180	6.68	10.31	0.95	0.82	0.72							20.75	15.47	15.47	15.47	15.47
DP-SP300/65/200	7.42	11.93	1.10	0.95	0.83	0.74						23.00	17.90	17.90	17.90	17.90
DP-SP325/65/150	5.85	8.33	0.77									21.05	12.49	12.19	12.49	12.49
DP-SP325/65/180	7.02	11.03	1.02	0.88	0.77	0.68						25.21	16.54	16.54	16.54	16.54
DP-SP325/65/200	7.80	12.75	1.18	1.01	0.89	0.79	0.71					27.94	19.12	19.12	19.12	19.12