

ProSigma+(Galv.) - Double Span Heavy End Bay Purlins - Load Tables

[illegible]

Prosigma + sleeved Span Purlins Load Tables mimimum 450 MPA											Span =		4.0	
Section Reference	Weight	U.D.L.	END BAY					U.D.L.	Defl.	INTERNAL				
			Defl.	Gravity	0	1	2			Gravity	0	1	2	
DP-SP145/65/150	3.78	7.59	17.42	11.39	11.39	11.39	11.39	15.18	21.36	22.77	22.22	22.77	22.77	
DP-SP145/65/180	4.53	10.89	20.79	16.33	16.33	16.33	16.33	21.78	25.50	32.67	30.34	32.67	32.67	
DP-SP145/65/200	5.03	13.05	23.00	19.58	19.58	19.58	19.58	26.10	28.21	39.15	35.67	39.15	39.15	
DP-SP175/65/150	4.13	9.45	25.40	14.18	14.18	14.18	14.18	18.90	33.15	28.35	25.98	28.35	28.35	
DP-SP175/65/180	4.95	13.70	30.34	20.56	20.56	20.56	20.56	27.41	39.60	41.11	35.29	41.11	41.11	
DP-SP175/65/200	5.49	16.50	33.58	24.74	24.74	24.74	24.74	32.99	43.83	49.49	41.39	49.49	49.49	
DP-SP205/65/150	4.47	11.32	36.87	16.99	16.99	16.99	16.99	22.65	48.13	33.97	29.07	33.97	33.97	
DP-SP205/65/180	5.36	16.61	44.07	24.91	24.91	24.91	24.91	33.22	57.52	49.83	39.24	49.83	49.83	
DP-SP205/65/200	5.95	20.08	48.80	30.12	30.12	30.12	30.12	40.16	63.70	60.24	45.90	60.24	60.24	
DP-SP235/65/150	4.81	13.19	48.84	19.78	19.78	19.78	19.78	26.37	66.56	39.56	34.38	39.56	39.56	
DP-SP235/65/180	5.78	19.58	58.41	29.37	29.37	29.37	29.37	39.16	79.60	58.73	46.46	58.73	58.73	
DP-SP235/65/200	6.42	23.78	64.69	35.67	35.67	35.67	35.67	47.56	88.17	71.34	54.35	71.34	71.34	
DP-SP265/65/150	5.16	15.01	65.10	22.52	22.52	22.52	22.52	30.03	88.72	45.04	37.73	45.04	45.04	
DP-SP265/65/180	6.19	22.59	77.88	33.88	33.88	33.88	33.88	45.18	106.14	67.77	50.79	67.77	67.77	
DP-SP265/65/200	6.88	27.57	86.29	41.36	41.36	41.36	41.36	55.14	117.61	82.72	59.33	82.72	82.72	
DP-SP300/65/150	5.56	16.07	87.77	24.10	24.10	24.10	24.10	32.14	119.63	48.21	42.26	48.21	48.21	
DP-SP300/65/180	6.68	23.50	105.06	35.25	35.25	35.25	35.25	47.00	143.18	70.51	56.76	70.51	70.51	
DP-SP300/65/200	7.42	28.40	116.44	42.60	42.60	42.60	42.60	56.80	158.69	85.19	66.23	85.19	85.19	
DP-SP325/65/150	5.85	18.01	106.58	27.02	27.02	27.02	27.02	36.02	145.26	54.03	44.73	54.03	54.03	
DP-SP325/65/180	7.02	26.35	127.61	39.53	39.53	39.53	39.53	52.70	173.91	79.05	59.90	79.05	79.05	
DP-SP325/65/200	7.80	31.85	141.46	47.77	47.77	47.77	47.77	63.69	192.79	95.54	69.82	95.54	95.54	

Prosigna + sleeved Span Purlins Load Tables mimimum 450 MPA											Span =		4.5		
Section Reference	Weight	END BAY							INTERNAL						
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2		
DP-SP145/65/150	3.78	11.19	13.76	16.79	16.79	16.79	16.79	13.72	16.88	20.58	18.29	20.58	20.58		
DP-SP145/65/180	4.53	15.97	16.43	23.96	23.96	23.96	23.96	19.59	20.15	29.38	25.15	29.38	29.38		
DP-SP145/65/200	5.03	18.17	18.17	28.66	28.66	28.66	28.66	22.29	22.29	35.14	29.68	35.14	35.14		
DP-SP175/65/150	4.13	13.15	20.07	19.72	19.72	19.72	19.72	17.16	26.19	25.74	21.26	25.74	25.74		
DP-SP175/65/180	4.95	18.94	23.97	28.41	28.41	28.41	28.41	24.72	31.29	37.08	29.09	37.08	37.08		
DP-SP175/65/200	5.49	22.74	26.53	34.11	34.11	34.11	34.11	29.68	34.63	44.52	34.24	44.52	44.52		
DP-SP205/65/150	4.47	15.83	29.13	23.74	23.62	23.74	23.74	20.66	38.03	30.98	23.62	30.98	30.98		
DP-SP205/65/180	5.36	23.02	34.82	34.53	32.14	34.53	34.53	30.05	45.45	45.07	32.14	43.89	45.07		
DP-SP205/65/200	5.95	27.75	38.56	41.62	37.73	41.62	41.62	36.22	50.33	54.33	37.73	50.99	54.33		
DP-SP235/65/150	4.81	17.74	38.59	26.61	26.61	26.61	26.61	24.18	52.59	36.27	27.97	36.27	36.27		
DP-SP235/65/180	5.78	26.07	46.15	39.11	38.08	39.11	39.11	35.53	62.89	53.30	38.08	51.89	53.30		
DP-SP235/65/200	6.42	31.55	51.12	47.33	44.73	47.33	47.33	43.00	69.67	64.50	44.73	60.30	64.50		
DP-SP265/65/150	5.16	20.32	51.43	30.47	30.47	30.47	30.47	27.69	70.10	41.53	30.56	41.53	41.53		
DP-SP265/65/180	6.19	30.19	61.54	45.28	41.47	45.28	45.28	41.14	83.86	61.71	41.47	57.35	61.71		
DP-SP265/65/200	6.88	36.68	68.18	55.02	48.63	55.02	55.02	49.99	92.92	74.98	48.63	66.51	74.98		
DP-SP300/65/150	5.56	20.96	69.35	31.44	31.44	31.44	31.44	28.57	94.52	42.85	34.15	42.85	42.85		
DP-SP300/65/180	6.68	30.66	83.01	45.99	45.99	45.99	45.99	41.78	113.13	62.67	46.24	62.67	62.67		
DP-SP300/65/200	7.42	37.04	92.00	55.57	54.17	55.57	55.57	50.49	125.39	75.73	54.17	74.75	75.73		
DP-SP325/65/150	5.85	23.49	84.22	35.24	35.24	35.24	35.24	32.02	114.77	48.03	36.02	48.03	48.03		
DP-SP325/65/180	7.02	34.37	100.83	51.56	48.65	51.56	51.56	46.85	137.41	70.27	48.65	68.67	70.27		
DP-SP325/65/200	7.80	41.54	111.77	62.31	56.93	62.31	62.31	56.61	152.33	84.92	56.93	79.44	84.92		

Prosigma + sleeved Span Purlins Load Tables mimimum 450 MPA											Span =		5.0		
Section Reference	Weight	END BAY							INTERNAL						
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2		
DP-SP145/65/150	3.78	10.20	11.15	15.31	15.31	15.31	15.31	12.51	13.67	18.77	15.46	18.77	18.77		
DP-SP145/65/180	4.53	13.31	13.31	21.76	21.41	21.76	21.76	16.32	16.32	26.69	21.41	26.69	26.69		
DP-SP145/65/200	5.03	14.72	14.72	25.99	25.35	25.99	25.99	18.05	18.05	31.87	25.35	31.87	31.87		
DP-SP175/65/150	4.13	12.03	16.25	18.04	17.88	18.04	18.04	15.70	21.22	23.55	17.88	23.55	23.55		
DP-SP175/65/180	4.95	17.24	19.42	25.86	24.65	25.86	25.86	22.50	25.34	33.75	24.65	32.18	33.75		
DP-SP175/65/200	5.49	20.66	21.49	30.99	29.11	30.99	30.99	26.96	28.05	40.45	29.11	37.57	40.45		

ProSigma+(Galv.) - Double Span Heavy End Bay Purlins - Load Tables

		END BAY						INTERNAL					
Section Reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Ultimate U.D.L. in kN/Span						Ultimate U.D.L. in kN/Span				
			Deflec-tion Span /180	Gravity Load	Uplift - metal cladding Number of anti sag rods			Total Working U.D.L. (kN)	Deflec-tion Span /180	Gravity Load	Uplift - metal cladding Number of anti sag rods		
					0	1	2				0	1	2
DP-SP205/65/150	4.47	14.53	23.60	21.80	19.76	21.80	21.80	18.97	30.80	28.45	19.76	27.02	28.45
DP-SP205/65/180	5.36	21.00	28.20	31.51	27.08	31.51	31.51	27.42	36.82	41.12	27.08	36.18	41.12
DP-SP205/65/200	5.95	25.26	31.23	37.89	31.91	37.89	37.89	32.97	40.77	49.45	31.91	42.11	49.45
DP-SP235/65/150	4.81	16.35	31.26	24.53	23.42	24.53	24.53	22.29	42.60	33.43	23.42	31.95	33.43
DP-SP235/65/180	5.78	23.85	37.38	35.77	32.12	35.77	35.77	32.50	50.94	48.75	32.12	42.78	48.75
DP-SP235/65/200	6.42	28.78	41.40	43.16	37.86	43.16	43.16	39.22	56.43	58.83	37.86	49.81	58.83
DP-SP265/65/150	5.16	18.80	41.66	28.21	25.50	28.21	28.21	25.63	56.78	38.44	25.50	35.30	38.44
DP-SP265/65/180	6.19	27.68	49.84	41.52	34.87	41.52	41.52	37.72	67.93	56.59	34.87	47.09	56.59
DP-SP265/65/200	6.88	33.52	55.23	50.28	41.03	50.28	50.28	45.69	75.27	68.53	41.03	54.72	68.53
DP-SP300/65/150	5.56	18.86	56.18	28.30	28.30	28.30	28.30	25.71	76.56	38.57	28.43	38.57	38.57
DP-SP300/65/180	6.68	27.59	67.24	41.39	38.80	41.39	41.39	37.60	91.64	56.41	38.80	52.84	56.41
DP-SP300/65/200	7.42	33.19	74.52	49.79	45.63	49.79	49.79	45.24	101.56	67.86	45.63	61.34	67.86
DP-SP325/65/150	5.85	21.15	68.21	31.72	29.91	31.72	31.72	28.82	92.97	43.23	29.91	42.27	43.23
DP-SP325/65/180	7.02	30.60	81.67	45.90	40.72	45.90	45.90	41.70	111.30	62.55	40.72	56.05	62.55
DP-SP325/65/200	7.80	36.17	90.53	54.26	47.83	54.26	54.26	49.30	123.38	73.95	47.83	64.98	73.95

Prosigma + sleeved Span Purlins Load Tables minimum 450 MPA										Span =		5.5			
Section Reference	Weight	END BAY							INTERNAL						
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2		
DP-SP145/65/150	3.78	9.21	9.21	14.06	13.36	14.06	14.06	11.30	11.30	17.25	13.36	17.17	17.25		
DP-SP145/65/180	4.53	11.00	11.00	19.93	18.62	19.93	19.93	13.49	13.49	24.44	18.62	23.34	24.44		
DP-SP145/65/200	5.03	12.17	12.17	23.77	22.10	23.77	23.77	14.92	14.92	29.15	22.10	27.37	29.15		
DP-SP175/65/150	4.13	11.08	13.43	16.62	15.38	16.62	16.62	14.46	17.53	21.69	15.38	20.17	21.69		
DP-SP175/65/180	4.95	15.82	16.05	23.72	21.34	23.72	23.72	20.64	20.94	30.97	21.34	27.27	30.97		
DP-SP175/65/200	5.49	17.76	17.76	28.39	25.28	28.39	28.39	23.18	23.18	37.05	25.28	31.90	37.05		
DP-SP205/65/150	4.47	13.42	19.50	20.13	16.91	20.13	20.13	17.52	25.46	26.28	16.91	22.68	26.28		
DP-SP205/65/180	5.36	19.31	23.31	28.96	23.34	28.96	28.96	25.20	30.43	37.80	23.34	30.48	37.80		
DP-SP205/65/200	5.95	23.17	25.81	34.76	27.59	34.76	34.76	30.25	33.69	45.37	27.59	35.56	45.37		
DP-SP235/65/150	4.81	15.15	25.83	22.72	20.06	22.72	22.72	20.65	35.21	30.97	20.06	26.82	30.97		
DP-SP235/65/180	5.78	21.96	30.89	32.94	27.71	32.94	32.94	29.93	42.10	44.90	27.71	36.06	44.90		
DP-SP235/65/200	6.42	26.44	34.22	39.66	32.76	39.66	39.66	36.04	46.64	54.05	32.76	42.08	54.05		
DP-SP265/65/150	5.16	17.48	34.43	26.22	21.78	26.22	26.22	23.82	46.92	35.73	21.78	29.52	35.73		
DP-SP265/65/180	6.19	25.54	41.19	38.31	30.00	38.31	38.31	34.81	56.14	52.22	30.00	39.54	52.22		
DP-SP265/65/200	6.88	30.85	45.64	46.28	35.41	46.07	46.28	42.05	62.20	63.07	35.41	46.07	63.07		
DP-SP300/65/150	5.56	17.15	46.43	25.72	24.24	25.72	25.72	23.37	63.27	35.06	24.24	33.14	35.06		
DP-SP300/65/180	6.68	24.40	55.57	36.60	33.33	36.60	36.60	33.26	75.73	49.89	33.33	44.27	49.89		
DP-SP300/65/200	7.42	28.75	61.59	43.13	39.32	43.13	43.13	39.18	83.94	58.78	39.32	51.53	58.78		
DP-SP325/65/150	5.85	19.11	56.38	28.66	25.45	28.66	28.66	26.04	76.83	39.07	25.45	35.16	39.07		
DP-SP325/65/180	7.02	26.55	67.50	39.83	34.90	39.83	39.83	36.19	91.99	54.28	34.90	46.84	54.28		
DP-SP325/65/200	7.80	31.24	74.82	46.87	41.13	46.87	46.87	42.58	101.97	63.87	41.13	54.44	63.87		

Prosigma + sleeved Span Purlins Load Tables minimum 450 MPA										Span = 6.0			
Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	7.74	7.74	13.00	11.74	13.00	13.00	9.49	9.49	15.95	11.74	14.81	15.95
DP-SP145/65/180	4.53	9.24	9.24	18.38	16.45	18.38	18.38	11.33	11.33	22.54	16.45	20.23	22.54
DP-SP145/65/200	5.03	10.22	10.22	21.91	19.58	21.91	21.91	12.54	12.54	26.86	19.58	23.78	26.86
DP-SP175/65/150	4.13	10.26	11.29	15.40	13.47	15.40	15.40	13.40	14.73	20.10	13.47	17.32	20.10
DP-SP175/65/180	4.95	13.48	13.48	21.91	18.80	21.91	21.91	17.60	17.60	28.60	18.80	23.53	28.60
DP-SP175/65/200	5.49	14.92	14.92	26.19	22.33	26.19	26.19	19.48	19.48	34.18	22.33	27.59	34.18
DP-SP205/65/150	4.47	12.46	16.39	18.70	14.75	18.70	18.70	16.27	21.39	24.40	14.75	19.38	24.40
DP-SP205/65/180	5.36	17.86	19.59	26.79	20.48	26.16	26.79	23.31	25.57	34.96	20.48	26.16	34.96
DP-SP205/65/200	5.95	21.40	21.69	32.10	24.28	30.60	32.10	27.93	28.31	41.90	24.28	30.60	41.90
DP-SP235/65/150	4.81	14.10	21.71	21.15	17.51	21.15	21.15	19.22	29.58	28.83	17.51	22.92	28.83
DP-SP235/65/180	5.78	20.35	25.96	30.52	24.34	30.52	30.52	27.73	35.38	41.59	24.34	30.97	41.59
DP-SP235/65/200	6.42	24.45	28.75	36.68	28.85	36.23	36.68	33.32	39.19	49.99	28.85	36.23	49.94
DP-SP265/65/150	5.16	16.31	28.93	24.47	18.96	24.47	24.47	22.23	39.43	33.34	18.96	25.15	33.34
DP-SP265/65/180	6.19	23.70	34.61	35.55	26.28	33.86	35.55	32.30	47.17	48.45	26.28	33.86	47.77
DP-SP265/65/200	6.88	28.57	38.35	42.85	31.12	39.55	42.85	38.93	52.27	58.40	31.12	39.55	55.36

ProSigma+(Galv.) - Double Span Heavy End Bay Purlins - Load Tables

		END BAY						INTERNAL					
Section Reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Ultimate U.D.L. in kN/Span						Total Working U.D.L. (kN)	Ultimate U.D.L. in kN/Span			
			Deflec-tion Span /180	Gravity Load	Uplift - metal cladding Number of anti sag rods			Deflec-tion Span /180		Gravity Load	Uplift - metal cladding Number of anti sag rods		
					0	1	2				0	1	2
DP-SP300/65/150	5.56	15.44	39.01	23.17	21.08	23.17	23.17	21.05	53.17	31.57	21.08	28.17	31.57
DP-SP300/65/180	6.68	21.32	46.69	31.97	29.17	31.97	31.97	29.05	63.64	43.58	29.17	37.84	43.58
DP-SP300/65/200	7.42	25.00	51.75	37.51	34.51	37.51	37.51	34.08	70.53	51.12	34.51	44.16	51.12
DP-SP325/65/150	5.85	16.81	47.37	25.22	22.08	25.22	25.22	22.91	64.56	34.37	22.08	29.82	34.37
DP-SP325/65/180	7.02	23.13	56.71	34.70	30.49	34.70	34.70	31.53	77.29	47.29	30.49	39.93	47.29
DP-SP325/65/200	7.80	27.09	62.87	40.64	36.04	40.64	40.64	36.92	85.68	55.39	36.04	46.54	55.39

Prosigma + sleeved Span Purlins Load Tables mimimum 450 MPA										Span =		6.5		
Section Reference	Weight	END BAY						INTERNAL						
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	6.60	6.60	12.09	10.47	12.09	12.09	8.09	8.09	14.83	10.47	12.97	14.83	
DP-SP145/65/180	4.53	7.87	7.87	17.06	14.74	17.06	17.06	9.66	9.66	20.92	14.74	17.79	20.92	
DP-SP145/65/200	5.03	8.71	8.71	20.31	17.58	20.31	20.31	10.68	10.68	24.90	17.58	20.97	24.90	
DP-SP175/65/150	4.13	9.56	9.62	14.34	11.97	14.34	14.34	12.48	12.55	18.72	11.97	15.10	18.72	
DP-SP175/65/180	4.95	11.49	11.49	20.35	16.80	20.35	20.35	15.00	15.00	26.57	16.80	20.61	26.57	
DP-SP175/65/200	5.49	12.72	12.72	24.30	19.99	24.24	24.30	16.60	16.60	31.72	19.99	24.24	31.72	
DP-SP205/65/150	4.47	11.63	13.96	17.45	13.06	16.82	17.45	15.18	18.23	22.77	13.06	16.82	22.77	
DP-SP205/65/180	5.36	16.61	16.69	24.91	18.24	22.82	24.91	21.68	21.78	32.52	18.24	22.82	31.37	
DP-SP205/65/200	5.95	18.48	18.48	29.82	21.67	26.76	29.82	24.12	24.12	38.92	21.67	26.76	36.43	
DP-SP235/65/150	4.81	13.18	18.49	19.78	15.52	19.78	19.78	17.97	25.21	26.95	15.52	19.91	26.95	
DP-SP235/65/180	5.78	18.95	22.12	28.42	21.69	27.03	28.42	25.82	30.14	38.73	21.69	27.03	37.09	
DP-SP235/65/200	6.42	22.74	24.50	34.11	25.77	31.71	34.11	30.99	33.39	46.48	25.77	31.71	43.08	
DP-SP265/65/150	5.16	15.28	24.65	22.92	16.77	21.78	22.92	20.83	33.60	31.24	16.77	21.78	30.86	
DP-SP265/65/180	6.19	22.10	29.49	33.15	23.38	29.47	33.15	30.12	40.20	45.18	23.38	29.47	41.06	
DP-SP265/65/200	6.88	26.59	32.68	39.89	27.75	34.52	39.89	36.24	44.54	54.36	27.75	34.52	47.60	
DP-SP300/65/150	5.56	13.66	33.24	20.50	18.62	20.50	20.50	18.62	45.30	27.93	18.62	24.35	27.93	
DP-SP300/65/180	6.68	18.69	39.79	28.03	25.92	28.03	28.03	25.47	54.22	38.20	25.92	32.89	38.20	
DP-SP300/65/200	7.42	21.83	44.10	32.75	30.74	32.75	32.75	29.75	60.10	44.63	30.74	38.48	44.63	
DP-SP325/65/150	5.85	14.84	40.36	22.26	19.47	22.26	22.26	20.22	55.01	30.33	19.47	25.72	30.33	
DP-SP325/65/180	7.02	20.22	48.33	30.33	27.05	30.33	30.33	27.56	65.86	41.34	27.05	34.63	41.34	
DP-SP325/65/200	7.80	23.59	53.57	35.38	32.05	35.38	35.38	32.15	73.01	48.22	32.05	40.48	48.22	

Prosigma + sleeved Span Purlins Load Tables mimimum 450 MPA										Span =		7.0		
Section Reference	Weight	END BAY						INTERNAL						
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	5.69	5.69	11.30	9.44	11.30	11.30	6.98	6.98	13.85	9.44	11.50	13.85	
DP-SP145/65/180	4.53	6.79	6.79	15.91	13.35	15.85	15.91	8.33	8.33	19.51	13.35	15.85	19.51	
DP-SP145/65/200	5.03	7.51	7.51	18.93	15.95	18.73	18.93	9.21	9.21	23.21	15.95	18.73	23.21	
DP-SP175/65/150	4.13	8.29	8.29	13.42	10.77	13.34	13.42	10.82	10.82	17.52	10.77	13.34	17.52	
DP-SP175/65/180	4.95	9.91	9.91	19.00	15.18	18.30	19.00	12.93	12.93	24.80	15.18	18.30	24.24	
DP-SP175/65/200	5.49	10.96	10.96	22.67	18.10	21.57	22.67	14.31	14.31	29.59	18.10	21.57	28.26	
DP-SP205/65/150	4.47	10.90	12.04	16.35	11.71	14.80	16.35	14.23	15.71	21.34	11.71	14.80	20.47	
DP-SP205/65/180	5.36	14.39	14.39	23.28	16.43	20.18	23.28	18.78	18.78	30.39	16.43	20.18	27.36	
DP-SP205/65/200	5.95	15.93	15.93	27.84	19.57	23.72	27.84	20.80	20.80	36.34	19.57	23.72	31.81	
DP-SP235/65/150	4.81	12.38	15.95	18.56	13.93	17.52	18.56	16.87	21.73	25.30	13.93	17.52	24.20	
DP-SP235/65/180	5.78	17.73	19.07	26.59	19.56	23.92	26.59	24.16	25.99	36.24	19.56	23.92	32.35	
DP-SP235/65/200	6.42	21.12	21.12	31.87	23.29	28.13	31.87	28.79	28.79	43.43	23.29	28.13	37.61	
DP-SP265/65/150	5.16	14.37	21.26	21.55	15.02	19.12	21.55	19.58	28.97	29.37	15.02	19.12	26.82	
DP-SP265/65/180	6.19	20.70	25.43	31.05	21.05	26.02	31.05	28.21	34.66	42.32	21.05	26.02	35.70	
DP-SP265/65/200	6.88	24.87	28.18	37.30	25.03	30.55	37.30	33.89	38.40	50.84	25.03	30.55	41.43	
DP-SP300/65/150	5.56	12.12	28.66	18.19	16.66	18.19	18.19	16.52	39.06	24.79	16.66	21.35	24.79	
DP-SP300/65/180	6.68	16.44	34.31	24.66	23.31	24.66	24.66	22.41	46.75	33.61	23.31	28.99	33.61	
DP-SP300/65/200	7.42	19.14	38.02	28.72	27.71	28.72	28.72	26.09	51.82	39.14	27.71	34.01	39.14	
DP-SP325/65/150	5.85	13.13	34.80	19.70	17.40	19.70	19.70	17.90	47.43	26.85	17.40	22.50	26.85	
DP-SP325/65/180	7.02	17.75	41.67	26.62	24.29	26.62	26.62	24.19	56.79	36.28	24.29	30.47	36.28	
DP-SP325/65/200	7.80	20.63	46.19	30.94	28.85	30.94	30.94	28.11	62.95	42.17	28.85	35.71	42.17	

Prosigma + sleeved Span Purlins Load Tables mimimum 450 MPA										Span =	7.5
END BAY										INTERNAL	

ProSigma+(Galv.) - Double Span Heavy End Bay Purlins - Load Tables

END BAY										INTERNAL					
		Total Working U.D.L. (kN)	Ultimate U.D.L. in kN/Span						Total Working U.D.L. (kN)	Ultimate U.D.L. in kN/Span					
Section Reference	Weight (Kg/m)		Deflec-tion Span /180	Gravity Load	Uplift - metal cladding			Deflec-tion Span /180		Gravity Load	Uplift - metal cladding				
					Number of anti sag rods	0	1				2	Number of anti sag rods	0	1	2
Section Reference	Weight	U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2		
DP-SP145/65/150	3.78	4.96	4.96	10.60	8.60	10.31	10.60	6.08	6.08	13.00	8.60	10.31	13.00		
DP-SP145/65/180	4.53	5.91	5.91	14.90	12.20	14.28	14.90	7.25	7.25	18.28	12.20	14.28	18.27		
DP-SP145/65/200	5.03	6.54	6.54	17.72	14.60	16.90	17.72	8.02	8.02	21.73	14.60	16.90	21.38		
DP-SP175/65/150	4.13	7.22	7.22	12.61	9.79	11.92	12.61	9.43	9.43	16.46	9.79	11.92	15.93		
DP-SP175/65/180	4.95	8.63	8.63	17.82	13.85	16.43	17.82	11.26	11.26	23.26	13.85	16.43	21.46		
DP-SP175/65/200	5.49	9.55	9.55	21.24	16.54	19.41	21.24	12.47	12.47	27.72	16.54	19.41	25.04		
DP-SP205/65/150	4.47	10.25	10.49	15.38	10.61	13.17	15.38	13.38	13.69	20.07	10.61	13.17	18.02		
DP-SP205/65/180	5.36	12.54	12.54	21.85	14.96	18.05	21.85	16.36	16.36	28.52	14.96	18.05	24.12		
DP-SP205/65/200	5.95	13.88	13.88	26.10	17.84	21.27	26.10	18.12	18.12	34.07	17.84	21.27	28.08		
DP-SP235/65/150	4.81	11.66	13.89	17.49	12.63	15.61	17.49	15.89	18.93	23.83	12.63	15.61	21.30		
DP-SP235/65/180	5.78	16.61	16.61	24.98	17.81	21.42	24.98	22.64	22.64	34.04	17.81	21.42	28.52		
DP-SP235/65/200	6.42	18.40	18.40	29.90	21.24	25.24	29.90	25.08	25.08	40.75	21.24	25.24	33.21		
DP-SP265/65/150	5.16	13.55	18.52	20.33	13.60	17.00	20.33	18.47	25.23	27.71	13.60	17.00	23.54		
DP-SP265/65/180	6.19	19.46	22.15	29.20	19.14	23.24	29.20	26.53	30.19	39.79	19.14	23.24	31.39		
DP-SP265/65/200	6.88	23.35	24.55	35.03	22.80	27.36	35.03	31.83	33.45	47.74	22.80	27.36	36.48		
DP-SP300/65/150	5.56	10.79	24.97	16.18	15.07	16.18	16.18	14.70	34.03	22.06	15.07	18.95	22.06		
DP-SP300/65/180	6.68	14.53	29.88	21.79	21.18	21.79	21.79	19.80	40.73	29.70	21.18	25.87	29.70		
DP-SP300/65/200	7.42	16.87	33.12	25.31	25.23	25.31	25.31	22.99	45.14	34.49	25.23	30.42	34.49		
DP-SP325/65/150	5.85	11.66	30.32	17.49	15.72	17.49	17.49	15.89	41.32	23.83	15.72	19.94	23.83		
DP-SP325/65/180	7.02	15.64	36.30	23.46	22.05	23.46	23.46	21.31	49.47	31.97	22.05	27.15	31.97		
DP-SP325/65/200	7.80	18.13	40.24	27.20	26.24	27.20	27.20	24.71	54.84	37.07	26.24	31.89	37.07		

Prosigma + sleeved Span Purlins Load Tables mimimum 450 MPA										Span =		8.0	
Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	4.36	4.36	9.98	7.89	9.33	9.98	5.34	5.34	12.24	7.89	9.33	12.06
DP-SP145/65/180	4.53	5.20	5.20	14.02	11.24	12.98	14.02	6.37	6.37	17.19	11.24	12.98	16.38
DP-SP145/65/200	5.03	5.75	5.75	16.66	13.46	15.39	16.66	7.05	7.05	20.43	13.46	15.39	19.20
DP-SP175/65/150	4.13	6.35	6.35	11.89	8.97	10.76	11.89	8.29	8.29	15.51	8.97	10.76	14.20
DP-SP175/65/180	4.95	7.58	7.58	16.77	12.73	14.90	16.77	9.90	9.90	21.89	12.73	14.90	19.17
DP-SP175/65/200	5.49	8.39	8.39	19.98	15.23	17.63	19.98	10.96	10.96	26.08	15.23	17.63	22.41
DP-SP205/65/150	4.47	9.22	9.22	14.52	9.70	11.85	14.52	12.03	12.03	18.95	9.70	11.85	16.00
DP-SP205/65/180	5.36	11.02	11.02	20.58	13.73	16.31	20.58	14.38	14.38	26.87	13.73	16.31	21.47
DP-SP205/65/200	5.95	12.20	12.20	24.57	16.40	19.26	24.57	15.92	15.92	32.07	16.40	19.26	25.03
DP-SP235/65/150	4.81	11.02	12.21	16.52	11.56	14.05	16.52	15.01	16.64	22.52	11.56	14.05	18.91
DP-SP235/65/180	5.78	14.60	14.60	23.55	16.35	19.36	23.55	19.90	19.90	32.09	16.35	19.36	25.39
DP-SP235/65/200	6.42	16.17	16.17	28.16	19.54	22.87	28.16	22.04	22.04	38.38	19.54	22.87	29.61
DP-SP265/65/150	5.16	12.82	16.27	19.23	12.43	15.27	19.23	17.48	22.18	26.21	12.43	15.27	20.85
DP-SP265/65/180	6.19	18.37	19.47	27.55	17.55	20.98	27.55	25.03	26.54	37.54	17.55	20.98	27.88
DP-SP265/65/200	6.88	21.57	21.57	33.02	20.95	24.74	32.45	29.40	29.40	45.00	20.95	24.74	32.45
DP-SP300/65/150	5.56	9.63	21.94	14.45	13.76	14.45	14.45	13.13	29.91	19.69	13.76	17.00	19.69
DP-SP300/65/180	6.68	12.89	26.26	19.34	19.34	19.34	19.34	17.57	35.80	26.36	19.41	23.32	26.36
DP-SP300/65/200	7.42	14.95	29.11	22.42	22.42	22.42	22.42	20.37	39.67	30.55	23.16	27.49	30.55
DP-SP325/65/150	5.85	10.38	26.65	15.57	14.33	15.57	15.57	14.15	36.32	21.23	14.33	17.86	21.23
DP-SP325/65/180	7.02	13.85	31.90	20.77	20.19	20.77	20.77	18.87	43.48	28.31	20.19	24.44	28.31
DP-SP325/65/200	7.80	16.03	35.36	24.04	24.04	24.04	24.04	21.84	48.20	32.76	24.06	28.77	32.76

Prosigma + sleeved Span Purlins Load Tables mimimum 450 MPA										Span =		8.5	
Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity		0	1	2	U.D.L.	Defl.	Gravity		0
DP-SP145/65/150	3.78	3.86	3.86	9.43	7.30	8.52	9.43	4.73	4.73	11.57	7.30	8.52	10.88
DP-SP145/65/180	4.53	4.60	4.60	13.23	10.42	11.89	13.23	5.65	5.65	16.23	10.42	11.89	14.81
DP-SP145/65/200	5.03	5.09	5.09	15.72	12.50	14.13	15.72	6.25	6.25	19.28	12.50	14.13	17.38
DP-SP175/65/150	4.13	5.62	5.62	11.24	8.28	9.79	11.24	7.34	7.34	14.67	8.28	9.79	12.76
DP-SP175/65/180	4.95	6.72	6.72	15.84	11.79	13.61	15.84	8.77	8.77	20.68	11.79	13.61	17.27
DP-SP175/65/200	5.49	7.44	7.44	18.86	14.12	16.14	18.86	9.71	9.71	24.62	14.12	16.14	20.23
DP-SP205/65/150	4.47	8.16	8.16	13.74	8.94	10.75	13.74	10.66	10.66	17.94	8.94	10.75	14.32
DP-SP205/65/180	5.36	9.76	9.76	19.46	12.68	14.87	19.27	12.74	12.74	25.39	12.68	14.87	19.27

ProSigma+(Galv.) - Double Span Heavy End Bay Purlins - Load Tables

		END BAY							INTERNAL							
Section Reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Deflec-tion Span /180	Ultimate U.D.L. in kN/Span						Total Working U.D.L. (kN)	Ultimate U.D.L. in kN/Span					
				Gravity Load	Uplift - metal cladding Number of anti sag rods			Gravity Load	Uplift - metal cladding Number of anti sag rods							
					0	1	2		0		1	2				
DP-SP205/65/200	5.95	10.81	10.81	23.21	15.17	17.59	22.51	14.11	14.11	30.29	15.17	17.59	22.51			
DP-SP235/65/150	4.81	10.44	10.82	15.66	10.65	12.76	15.66	14.23	14.74	21.34	10.65	12.76	16.94			
DP-SP235/65/180	5.78	12.93	12.93	22.27	15.12	17.66	22.27	17.63	17.63	30.35	15.12	17.66	22.81			
DP-SP235/65/200	6.42	14.33	14.33	26.62	18.09	20.90	26.62	19.53	19.53	36.27	18.09	20.90	26.64			
DP-SP265/65/150	5.16	12.17	14.42	18.25	11.44	13.84	18.25	16.58	19.65	24.87	11.44	13.84	18.62			
DP-SP265/65/180	6.19	17.25	17.25	26.07	16.21	19.10	24.98	23.51	23.51	35.53	16.21	19.10	24.98			
DP-SP265/65/200	6.88	19.11	19.11	31.22	19.37	22.57	29.13	26.04	26.04	42.55	19.37	22.57	29.13			
DP-SP300/65/150	5.56	8.63	19.44	12.94	12.66	12.94	12.94	11.76	26.49	17.64	12.66	15.40	17.64			
DP-SP300/65/180	6.68	11.50	23.27	17.25	17.25	17.25	17.25	15.67	31.71	23.51	17.92	21.22	23.51			
DP-SP300/65/200	7.42	13.32	25.79	19.98	19.98	19.98	19.98	18.15	35.14	27.22	21.41	25.05	27.22			
DP-SP325/65/150	5.85	9.28	23.60	13.92	13.17	13.92	13.92	12.65	32.17	18.97	13.17	16.15	18.97			
DP-SP325/65/180	7.02	12.33	28.26	18.49	18.49	18.49	18.49	16.80	38.51	25.20	18.62	22.20	25.20			
DP-SP325/65/200	7.80	14.25	31.33	21.38	21.38	21.38	21.38	19.42	42.69	29.13	22.23	26.19	29.13			

Prosigma + sleeved Span Purlins Load Tables mimimum 450 MPA										Span =		9.0		
Section Reference	Weight	END BAY						INTERNAL						
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	3.44	3.44	8.94	6.79	7.83	8.94	4.22	4.22	10.96	6.79	7.83	9.87	
DP-SP145/65/180	4.53	4.11	4.11	12.53	9.71	10.97	12.53	5.04	5.04	15.36	9.71	10.97	13.48	
DP-SP145/65/200	5.03	4.54	4.54	14.88	11.66	13.05	14.88	5.57	5.57	18.24	11.66	13.05	15.85	
DP-SP175/65/150	4.13	5.02	5.02	10.66	7.69	8.98	10.66	6.55	6.55	13.92	7.69	8.98	11.55	
DP-SP175/65/180	4.95	5.99	5.99	15.01	10.98	12.53	15.01	7.82	7.82	19.59	10.98	12.53	15.68	
DP-SP175/65/200	5.49	6.63	6.63	17.86	13.16	14.89	17.86	8.66	8.66	23.31	13.16	14.89	18.39	
DP-SP205/65/150	4.47	7.28	7.28	13.05	8.29	9.83	12.92	9.51	9.51	17.03	8.29	9.83	12.92	
DP-SP205/65/180	5.36	8.71	8.71	18.44	11.79	13.65	17.44	11.36	11.36	24.07	11.79	13.65	17.44	
DP-SP205/65/200	5.95	9.64	9.64	21.99	14.12	16.18	20.40	12.58	12.58	28.70	14.12	16.18	20.40	
DP-SP235/65/150	4.81	9.65	9.65	14.88	9.88	11.67	14.88	13.15	13.15	20.28	9.88	11.67	15.28	
DP-SP235/65/180	5.78	11.54	11.54	21.12	14.07	16.23	20.65	15.72	15.72	28.79	14.07	16.23	20.65	
DP-SP235/65/200	6.42	12.78	12.78	25.23	16.84	19.23	24.16	17.42	17.42	34.38	16.84	19.23	24.16	
DP-SP265/65/150	5.16	11.57	12.86	17.36	10.60	12.64	16.77	15.77	17.52	23.65	10.60	12.64	16.77	
DP-SP265/65/180	6.19	15.38	15.38	24.75	15.07	17.52	22.57	20.97	20.97	33.73	15.07	17.52	22.57	
DP-SP265/65/200	6.88	17.05	17.05	29.61	18.03	20.75	26.37	23.23	23.23	40.35	18.03	20.75	26.37	
DP-SP300/65/150	5.56	7.76	17.34	11.64	11.64	11.64	11.64	10.57	23.63	15.86	11.72	14.05	15.86	
DP-SP300/65/180	6.68	10.31	20.75	15.47	15.47	15.47	15.47	14.05	28.28	21.08	16.65	19.45	21.08	
DP-SP300/65/200	7.42	11.93	23.00	17.90	17.90	17.90	17.90	16.26	31.35	24.40	19.91	23.01	24.40	
DP-SP325/65/150	5.85	8.33	21.05	12.49	12.19	12.49	12.49	11.35	28.69	17.02	12.19	14.72	17.02	
DP-SP325/65/180	7.02	11.03	25.21	16.54	16.54	16.54	16.54	15.03	34.35	22.55	17.28	20.33	22.55	
DP-SP325/65/200	7.80	12.75	27.94	19.12	19.12	19.12	19.12	17.37	38.08	26.06	20.66	24.03	26.06	