

ProSigma+ S390 (Prepainted) - Double Span Heavy End Bay Purlins - Load Tables

Section Reference	Weight (Kg/m)	END BAY						INTERNAL					
		Working U.D.L. (kN)	Deflection Span /180	Ultimate U.D.L. in kN/Span				Total Working U.D.L. (kN)	Deflection Span /180	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								
S390 - Double Span Heavy End Bay Purlins - Span = 3m													
DP-PSP145/65/150	3.71	13.34	29.61	20.01	20.01	20.01	20.01	16.18	35.93	24.27	24.27	24.27	24.27
DP-PSP145/65/200	4.91	23.23	38.71	34.84	34.84	34.84	34.84	28.18	46.97	42.27	42.27	42.27	42.27
DP-PSP175/65/150	4.06	15.38	43.20	23.08	23.08	23.08	23.08	19.89	55.84	29.83	29.83	29.83	29.83
DP-PSP175/65/200	5.37	27.41	56.58	41.12	41.12	41.12	41.12	35.44	73.15	53.16	53.16	53.16	53.16
DP-PSP205/65/150	4.4	18.16	62.80	27.24	27.24	27.24	27.24	23.48	81.19	35.21	35.21	35.21	35.21
DP-PSP205/65/200	5.83	33.17	82.39	49.76	49.76	49.76	49.76	42.89	106.51	64.33	64.33	64.33	64.33
DP-PSP235/65/150	4.75	19.89	83.22	29.83	29.83	29.83	29.83	26.86	112.42	40.30	40.30	40.30	40.30
DP-PSP235/65/200	6.29	37.34	109.31	56.01	56.01	56.01	56.01	50.45	147.67	75.67	75.67	75.67	75.67
DP-PSP265/65/150	5.09	22.19	111.04	33.28	33.28	33.28	33.28	29.97	150.00	44.96	44.96	44.96	44.96
DP-PSP265/65/200	6.75	42.97	146.02	64.45	64.45	64.45	64.45	58.05	197.26	87.07	87.07	87.07	87.07
DP-PSP300/65/150	5.49	26.90	149.88	40.35	40.35	40.35	40.35	36.34	202.48	54.51	54.51	54.51	54.51
DP-PSP300/65/200	7.29	47.18	197.32	70.77	70.77	70.77	70.77	63.73	266.56	95.60	95.60	95.60	95.60
DP-PSP325/65/150	5.78	30.17	182.13	45.26	45.26	45.26	45.26	40.76	246.04	61.14	61.14	61.14	61.14
DP-PSP325/65/200	7.68	52.96	239.94	79.43	79.43	79.43	79.43	71.54	324.14	107.31	106.69	107.31	107.31

S390 - Double Span Heavy End Bay Purlins - Span = 3.5m													
Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	11.79	21.75	17.68	17.68	17.68	17.68	14.30	26.39	21.45	21.45	21.45	21.45
DP-PSP145/65/200	4.91	20.25	28.44	30.38	30.38	30.38	30.38	24.57	34.51	36.86	36.86	36.86	36.86
DP-PSP175/65/150	4.06	13.71	31.74	20.57	20.57	20.57	20.57	17.73	41.03	26.59	26.59	26.59	26.59
DP-PSP175/65/200	5.37	24.01	41.57	36.01	36.01	36.01	36.01	31.04	53.74	46.55	46.55	46.55	46.55
DP-PSP205/65/150	4.4	16.35	46.14	24.52	24.52	24.52	24.52	21.13	59.65	31.70	31.70	31.70	31.70
DP-PSP205/65/200	5.83	29.19	60.53	43.78	43.78	43.78	43.78	37.73	78.25	56.60	51.15	56.60	56.60
DP-PSP235/65/150	4.75	18.10	61.14	27.16	27.16	27.16	27.16	24.46	82.59	36.68	36.68	36.68	36.68
DP-PSP235/65/200	6.29	33.02	80.31	49.53	49.53	49.53	49.53	44.60	108.50	66.91	60.51	66.91	66.91
DP-PSP265/65/150	5.09	20.06	81.58	30.70	30.70	30.70	30.70	27.25	110.20	41.47	41.47	41.47	41.47
DP-PSP265/65/200	6.75	38.20	107.28	57.29	57.29	57.29	57.29	51.60	144.92	77.40	66.60	77.40	77.40
DP-PSP300/65/150	5.49	23.06	110.12	34.59	34.59	34.59	34.59	31.15	148.76	46.72	46.72	46.72	46.72
DP-PSP300/65/200	7.29	40.44	144.97	60.66	60.66	60.66	60.66	54.63	195.84	81.94	74.75	81.94	81.94
DP-PSP325/65/150	5.78	25.86	133.81	38.79	38.79	38.79	38.79	34.94	180.76	52.41	51.91	52.41	52.41
DP-PSP325/65/200	7.68	45.39	176.28	68.09	68.09	68.09	68.09	61.32	238.15	91.98	79.29	91.98	91.98

S390 - Double Span Heavy End Bay Purlins - Span = 4m													
Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	10.54	16.66	15.82	15.82	15.82	15.82	12.79	20.21	19.19	19.19	19.19	19.19
DP-PSP145/65/200	4.91	17.95	21.78	26.92	26.92	26.92	26.92	21.78	26.42	32.66	31.03	32.66	32.66
DP-PSP175/65/150	4.06	12.34	24.30	18.51	18.51	18.51	18.51	15.95	31.41	23.93	22.98	23.93	23.93
DP-PSP175/65/200	5.37	21.34	31.83	32.01	32.01	32.01	32.01	27.59	41.15	41.38	36.18	41.38	41.38
DP-PSP205/65/150	4.4	14.81	35.32	22.21	22.21	22.21	22.21	19.14	45.67	28.71	25.85	28.71	28.71
DP-PSP205/65/200	5.83	26.03	46.34	39.04	39.04	39.04	39.04	33.65	59.91	50.47	40.34	50.47	50.47
DP-PSP235/65/150	4.75	16.52	46.81	24.78	24.78	24.78	24.78	22.32	63.24	33.48	30.58	33.48	33.48
DP-PSP235/65/200	6.29	29.55	61.49	44.32	44.32	44.32	44.32	39.91	83.07	59.87	47.75	59.87	59.87
DP-PSP265/65/150	5.09	18.83	62.46	28.24	28.24	28.24	28.24	25.44	84.37	38.16	33.66	38.16	38.16
DP-PSP265/65/200	6.75	34.30	82.13	51.46	51.46	51.46	51.46	46.34	110.96	69.51	52.30	69.51	69.51
DP-PSP300/65/150	5.49	20.18	84.31	30.26	30.26	30.26	30.26	27.25	113.89	40.88	37.79	40.88	40.88
DP-PSP300/65/200	7.29	35.38	110.99	53.08	53.08	53.08	53.08	47.80	149.94	71.70	58.52	71.70	71.70

ProSigma+ S390 (Prepainted) - Double Span Heavy End Bay Purlins - Load Tables

Section Reference	Weight (Kg/m)	END BAY							INTERNAL					
		Working U.D.L. (kN)	Deflection Span /180	Ultimate U.D.L. in kN/Span				Total Working U.D.L. (kN)	Deflection Span /180	Ultimate U.D.L. in kN/Span				
				Gravity Load	Uplift - metal cladding					Gravity Load	Uplift - metal cladding			
					0	1	2				0	1	2	
DP-PSP325/65/150	5.78	22.63	102.45	33.94	33.94	33.94	33.94	30.57	138.40	45.86	40.10	45.86	45.86	
DP-PSP325/65/200	7.68	39.72	134.97	59.58	59.58	59.58	59.58	53.65	182.33	80.48	61.85	80.48	80.48	

S390 - Double Span Heavy End Bay Purlins - Span = 4.5m

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	9.53	13.16	14.30	14.30	14.30	14.30	11.56	15.97	17.34	16.04	17.34	17.34
DP-PSP145/65/200	4.91	16.11	17.21	24.16	24.16	24.16	24.16	19.55	20.87	29.32	25.70	29.32	29.32
DP-PSP175/65/150	4.06	11.20	19.20	16.80	16.80	16.80	16.80	14.48	24.82	21.72	18.73	21.72	21.72
DP-PSP175/65/200	5.37	19.20	25.15	28.80	28.80	28.80	28.80	24.82	32.51	37.23	29.78	37.23	37.23
DP-PSP205/65/150	4.4	13.51	27.91	20.26	20.26	20.26	20.26	17.46	36.08	26.19	20.92	26.19	26.19
DP-PSP205/65/200	5.83	23.47	36.62	35.21	32.98	35.21	35.21	30.34	47.34	45.52	32.98	45.19	45.52
DP-PSP235/65/150	4.75	15.15	36.99	22.72	22.72	22.72	22.72	20.46	49.96	30.69	24.76	30.69	30.69
DP-PSP235/65/200	6.29	26.71	48.58	40.07	39.07	40.07	40.07	36.09	65.63	54.13	39.07	53.47	54.13
DP-PSP265/65/150	5.09	17.36	49.35	26.04	26.04	26.04	26.04	23.46	66.67	35.18	27.14	35.18	35.18
DP-PSP265/65/200	6.75	31.10	64.90	46.65	42.62	46.65	46.65	42.01	87.67	63.02	42.62	59.21	63.02
DP-PSP300/65/150	5.49	17.93	66.61	26.90	26.90	26.90	26.90	24.23	89.99	36.34	30.39	36.34	36.34
DP-PSP300/65/200	7.29	31.45	87.70	47.18	47.18	47.18	47.18	42.49	118.47	63.73	47.58	63.73	63.73
DP-PSP325/65/150	5.78	20.12	80.95	30.17	30.17	30.17	30.17	27.17	109.35	40.76	32.14	40.76	40.76
DP-PSP325/65/200	7.68	35.30	106.64	52.96	50.12	52.96	52.96	47.69	144.06	71.54	50.12	71.13	71.54

S390 - Double Span Heavy End Bay Purlins - Span = 5m

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	8.69	10.66	13.04	13.04	13.04	13.04	10.54	12.93	15.82	13.51	15.82	15.82
DP-PSP145/65/200	4.91	13.94	13.94	21.92	21.85	21.92	21.92	16.91	16.91	26.59	21.85	26.59	26.59
DP-PSP175/65/150	4.06	10.25	15.55	15.37	15.37	15.37	15.37	13.25	20.10	19.88	15.69	19.88	19.88
DP-PSP175/65/200	5.37	17.44	20.37	26.16	25.19	26.16	26.16	22.55	26.33	33.82	25.19	33.04	33.82
DP-PSP205/65/150	4.4	12.40	22.61	18.60	17.42	18.60	18.60	16.03	29.23	24.05	17.42	24.05	24.05
DP-PSP205/65/200	5.83	21.36	29.66	32.05	27.74	32.05	32.05	27.62	38.34	41.43	27.74	37.25	41.43
DP-PSP235/65/150	4.75	13.96	29.96	20.94	20.63	20.94	20.94	18.86	40.47	28.29	20.63	28.29	28.29
DP-PSP235/65/200	6.29	24.36	39.35	36.54	32.90	36.54	36.54	32.91	53.16	49.37	32.90	44.07	49.37
DP-PSP265/65/150	5.09	16.07	39.97	24.11	22.53	24.11	24.11	21.71	54.00	32.57	22.53	31.62	32.57
DP-PSP265/65/200	6.75	28.42	52.57	42.63	35.76	42.63	42.63	38.39	71.01	57.59	35.76	48.60	57.59
DP-PSP300/65/150	5.49	16.14	53.96	24.21	24.21	24.21	24.21	21.80	72.89	32.71	25.17	32.71	32.71
DP-PSP300/65/200	7.29	28.31	71.04	42.46	39.85	42.46	42.46	38.24	95.96	57.36	39.85	54.61	57.36
DP-PSP325/65/150	5.78	18.10	65.57	27.16	26.54	27.16	27.16	24.46	88.57	36.69	26.54	36.69	36.69
DP-PSP325/65/200	7.68	31.77	86.38	47.66	41.87	47.66	47.66	42.92	116.69	64.39	41.87	58.02	64.39

S390 - Double Span Heavy End Bay Purlins - Span = 5.5m

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.71	7.98	8.81	11.98	11.62	11.98	11.98	9.69	10.69	14.53	11.62	14.53	14.53
DP-PSP145/65/200	4.91	11.52	11.52	20.05	18.96	20.05	20.05	13.97	13.97	24.32	18.96	23.89	24.32
DP-PSP175/65/150	4.06	9.44	12.85	14.16	13.44	14.16	14.16	12.21	16.61	18.31	13.44	17.88	18.31
DP-PSP175/65/200	5.37	15.98	16.83	23.97	21.78	23.97	23.97	20.66	21.76	30.98	21.78	27.98	30.98
DP-PSP205/65/150	4.4	11.45	18.68	17.18	14.84	17.18	17.18	14.81	24.16	22.21	14.84	20.21	22.21

ProSigma+ S390 (Prepainted) - Double Span Heavy End Bay Purlins - Load Tables

Section Reference	Weight (Kg/m)	END BAY							INTERNAL					
		Working U.D.L. (kN)	Deflection Span /180	Ultimate U.D.L. in kN/Span						Total Working U.D.L. (kN)	Deflection Span /180	Ultimate U.D.L. in kN/Span		
				Gravity Load	Uplift - metal cladding			Gravity Load	Uplift - metal cladding					
					0	1	2		0			1	2	
DP-PSP205/65/200	5.83	19.60	24.51	29.40	23.87	29.40	29.40	25.34	31.69	38.01	23.87	31.36	38.01	
DP-PSP235/65/150	4.75	12.93	24.76	19.40	17.59	19.40	19.40	17.47	33.45	26.21	17.59	23.90	26.21	
DP-PSP235/65/200	6.29	22.39	32.52	33.58	28.33	33.58	33.58	30.24	43.94	45.36	28.33	37.11	45.36	
DP-PSP265/65/150	5.09	14.94	33.04	22.41	19.15	22.41	22.41	20.18	44.63	30.27	19.15	26.41	30.27	
DP-PSP265/65/200	6.75	26.16	43.44	39.23	30.71	39.23	39.23	35.33	58.69	53.00	30.71	40.77	53.00	
DP-PSP300/65/150	5.49	14.67	44.59	22.01	21.36	22.01	22.01	19.82	60.24	29.73	21.36	29.71	29.73	
DP-PSP300/65/200	7.29	25.45	58.71	38.18	34.17	38.18	38.18	34.39	79.31	51.58	34.17	45.71	51.58	
DP-PSP325/65/150	5.78	16.46	54.19	24.69	22.47	24.69	24.69	22.23	73.20	33.35	22.47	31.61	33.35	
DP-PSP325/65/200	7.68	27.75	71.39	41.62	35.82	41.62	41.62	37.49	96.44	56.23	35.82	48.43	56.23	

S390 - Double Span Heavy End Bay Purlins - Span = 6m

Section Reference	Weight	END BAY							INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2	
DP-PSP145/65/150	3.71	7.38	7.40	11.07	10.18	11.07	11.07	8.96	8.98	13.44	10.18	13.04	13.44	
DP-PSP145/65/200	4.91	9.68	9.68	18.47	16.74	18.47	18.47	11.74	11.74	22.41	16.74	20.69	22.41	
DP-PSP175/65/150	4.06	8.75	10.80	13.12	11.72	13.12	13.12	11.31	13.96	16.96	11.72	15.32	16.96	
DP-PSP175/65/200	5.37	14.15	14.15	22.11	19.16	22.11	22.11	18.29	18.29	28.58	19.16	24.12	28.58	
DP-PSP205/65/150	4.4	10.64	15.70	15.96	12.88	15.96	15.96	13.75	20.30	20.63	12.88	17.23	20.63	
DP-PSP205/65/200	5.83	18.10	20.60	27.15	20.91	26.89	27.15	23.40	26.63	35.11	20.91	26.89	35.11	
DP-PSP235/65/150	4.75	12.04	20.80	18.06	15.29	18.06	18.06	16.26	28.11	24.40	15.29	20.38	24.40	
DP-PSP235/65/200	6.29	20.70	27.33	31.05	24.84	31.05	31.05	27.96	36.92	41.95	24.84	31.84	41.95	
DP-PSP265/65/150	5.09	13.94	27.76	20.91	16.60	20.91	20.91	18.83	37.50	28.25	16.60	22.44	28.25	
DP-PSP265/65/200	6.75	24.22	36.50	36.33	26.87	34.87	36.33	32.72	49.31	49.08	26.87	34.87	49.08	
DP-PSP300/65/150	5.49	13.45	37.47	20.18	18.49	20.18	20.18	18.17	50.62	27.25	18.49	25.19	27.25	
DP-PSP300/65/200	7.29	22.31	49.33	33.46	29.85	33.46	33.46	30.13	66.64	45.20	29.85	39.02	45.20	
DP-PSP325/65/150	5.78	14.94	45.53	22.41	19.41	22.41	22.41	20.18	61.51	30.28	19.41	26.73	30.28	
DP-PSP325/65/200	7.68	24.25	59.99	36.38	31.24	36.38	36.38	32.76	81.04	49.14	31.24	41.23	49.14	

S390 - Double Span Heavy End Bay Purlins - Span = 6.5m

Section Reference	Weight	END BAY							INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2	
DP-PSP145/65/150	3.71	6.31	6.31	10.30	9.04	10.30	10.30	7.65	7.65	12.49	9.04	11.39	12.49	
DP-PSP145/65/200	4.91	8.25	8.25	17.12	14.98	17.12	17.12	10.01	10.01	20.78	14.98	18.18	20.78	
DP-PSP175/65/150	4.06	8.15	9.20	12.22	10.38	12.22	12.22	10.53	11.90	15.80	10.38	13.33	15.80	
DP-PSP175/65/200	5.37	12.05	12.05	20.52	17.09	20.52	20.52	15.58	15.58	26.52	17.09	21.11	26.52	
DP-PSP205/65/150	4.4	9.93	13.38	14.89	11.36	14.89	14.89	12.83	17.29	19.25	11.36	14.92	19.25	
DP-PSP205/65/200	5.83	16.82	17.55	25.22	18.60	23.43	25.22	21.74	22.69	32.61	18.60	23.43	32.29	
DP-PSP235/65/150	4.75	11.26	17.73	16.88	13.50	16.88	16.88	15.21	23.95	22.81	13.50	17.65	22.81	
DP-PSP235/65/200	6.29	19.25	23.29	28.87	22.11	27.75	28.87	26.00	31.46	39.01	22.11	27.75	38.22	
DP-PSP265/65/150	5.09	13.06	23.65	19.59	14.62	19.37	19.59	17.64	31.95	26.46	14.62	19.37	26.46	
DP-PSP265/65/200	6.75	22.55	31.10	33.82	23.86	30.31	33.82	30.46	42.02	45.69	23.86	30.31	42.39	
DP-PSP300/65/150	5.49	12.19	31.93	18.28	16.26	18.28	18.28	16.47	43.13	24.70	16.26	21.71	24.70	
DP-PSP300/65/200	7.29	19.61	42.03	29.42	26.48	29.42	29.42	26.50	56.78	39.75	26.48	33.86	39.75	
DP-PSP325/65/150	5.78	13.27	38.80	19.91	17.04	19.91	19.91	17.93	52.41	26.90	17.04	22.98	26.90	
DP-PSP325/65/200	7.68	21.27	51.11	31.90	27.67	31.90	31.90	28.73	69.05	43.09	27.67	35.71	43.09	

S390 - Double Span Heavy End Bay Purlins - Span = 7m

END BAY

INTERNAL

ProSigma+ S390 (Prepainted) - Double Span Heavy End Bay Purlins - Load Tables

Section Reference	Weight (Kg/m)	END BAY						INTERNAL					
		Working U.D.L. (kN)	Deflection Span /180	Ultimate U.D.L. in kN/Span			Total Working U.D.L. (kN)	Deflection Span /180	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		
U.D.L.	Defl.	0	1	2	U.D.L.	Defl.	0	1	2				
DP-PSP145/65/150	3.71	5.44	5.44	9.62	8.13	9.62	9.62	6.60	6.60	11.67	8.13	10.07	11.67
DP-PSP145/65/200	4.91	7.11	7.11	15.96	13.55	15.96	15.96	8.63	8.63	19.36	13.55	16.19	19.36
DP-PSP175/65/150	4.06	7.62	7.93	11.44	9.30	11.44	11.44	9.86	10.26	14.78	9.30	11.74	14.78
DP-PSP175/65/200	5.37	10.39	10.39	19.14	15.43	18.72	19.14	13.44	13.44	24.74	15.43	18.72	24.74
DP-PSP205/65/150	4.4	9.30	11.53	13.95	10.15	13.08	13.95	12.03	14.91	18.04	10.15	13.08	18.04
DP-PSP205/65/200	5.83	15.13	15.13	23.55	16.74	20.70	23.55	19.56	19.56	30.44	16.74	20.70	28.18
DP-PSP235/65/150	4.75	10.57	15.28	15.85	12.07	15.49	15.85	14.27	20.65	21.41	12.07	15.49	21.41
DP-PSP235/65/200	6.29	17.99	20.08	26.98	19.91	24.53	26.98	24.30	27.12	36.45	19.91	24.53	33.34
DP-PSP265/65/150	5.09	12.28	20.39	18.42	13.05	16.96	18.42	16.59	27.55	24.88	13.05	16.96	24.02
DP-PSP265/65/200	6.75	21.09	26.82	31.63	21.46	26.72	31.63	28.48	36.23	42.73	21.46	26.72	36.86
DP-PSP300/65/150	5.49	10.88	27.53	16.33	14.50	16.33	16.33	14.70	37.19	22.05	14.50	18.97	22.05
DP-PSP300/65/200	7.29	17.31	36.24	25.96	23.79	25.96	25.96	23.38	48.96	35.07	23.79	29.81	35.07
DP-PSP325/65/150	5.78	11.83	33.45	17.74	15.17	17.74	17.74	15.98	45.19	23.96	15.17	20.04	23.96
DP-PSP325/65/200	7.68	18.71	44.07	28.07	24.82	28.07	28.07	25.28	59.54	37.92	24.82	31.38	37.92

S390 - Double Span Heavy End Bay Purlins - Span = 7.5m

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity			U.D.L.	Defl.	Gravity				
				0	1	2			0	1	2		
DP-PSP175/65/150	4.06	6.91	6.91	10.74	8.43	10.46	10.74	8.93	8.93	13.89	8.43	10.46	13.89
DP-PSP175/65/200	5.37	9.05	9.05	17.93	14.06	16.79	17.93	11.70	11.70	23.18	14.06	16.79	22.03
DP-PSP205/65/150	4.4	8.75	10.05	13.12	9.17	11.61	13.12	11.31	12.99	16.97	9.17	11.61	16.07
DP-PSP205/65/200	5.83	13.18	13.18	22.08	15.22	18.49	22.08	17.04	17.04	28.55	15.22	18.49	24.84
DP-PSP235/65/150	4.75	9.95	13.31	14.93	10.91	13.75	14.93	13.44	17.99	20.17	10.91	13.75	19.01
DP-PSP235/65/200	6.29	16.88	17.49	25.32	18.11	21.93	25.32	22.80	23.63	34.20	18.11	21.93	29.38
DP-PSP265/65/150	5.09	11.58	17.77	17.37	11.78	15.02	17.37	15.65	24.00	23.47	11.78	15.02	21.08
DP-PSP265/65/200	6.75	19.80	23.36	29.70	19.49	23.84	29.70	26.75	31.56	40.12	19.49	23.84	32.40
DP-PSP300/65/150	5.49	9.74	23.98	14.62	13.07	14.62	14.62	13.16	32.40	19.74	13.07	16.78	19.74
DP-PSP300/65/200	7.29	15.32	31.57	22.99	21.59	22.99	22.99	20.70	42.65	31.05	21.59	26.56	31.05
DP-PSP325/65/150	5.78	10.56	29.14	15.84	13.65	15.84	15.84	14.27	39.37	21.40	13.65	17.70	21.40
DP-PSP325/65/200	7.68	16.53	38.39	24.79	22.50	24.79	24.79	22.33	51.86	33.49	22.50	27.91	33.49

S390 - Double Span Heavy End Bay Purlins - Span = 8m

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity			U.D.L.	Defl.	Gravity				
				0	1	2			0	1	2		
DP-PSP205/65/150	4.4	8.26	8.83	12.39	8.36	10.41	12.39	10.68	11.42	16.02	8.36	10.41	14.26
DP-PSP205/65/200	5.83	11.59	11.59	20.78	13.95	16.69	20.78	14.98	14.98	26.87	13.95	16.69	22.09
DP-PSP235/65/150	4.75	9.40	11.70	14.11	9.95	12.34	14.11	12.70	15.81	19.06	9.95	12.34	16.87
DP-PSP235/65/200	6.29	15.37	15.37	23.84	16.62	19.81	23.84	20.77	20.77	32.21	16.62	19.81	26.14
DP-PSP265/65/150	5.09	10.96	15.61	16.44	10.73	13.45	16.44	14.80	21.09	22.21	10.73	13.45	18.66
DP-PSP265/65/200	6.75	18.66	20.53	27.99	17.86	21.49	27.99	25.21	27.74	37.82	17.86	21.49	28.75
DP-PSP300/65/150	5.49	8.74	21.08	13.12	11.90	13.12	13.12	11.81	28.47	17.72	11.90	15.00	17.72
DP-PSP300/65/200	7.29	13.63	27.75	20.44	19.77	20.44	20.44	18.41	37.49	27.61	19.77	23.92	27.61
DP-PSP325/65/150	5.78	9.46	25.61	14.19	12.41	14.19	14.19	12.78	34.60	19.16	12.41	15.80	19.16
DP-PSP325/65/200	7.68	14.66	33.74	21.99	20.58	21.99	21.99	19.81	45.58	29.71	20.58	25.10	29.71

S390 - Double Span Heavy End Bay Purlins - Span = 8.5m

ProSigma+ S390 (Prepainted) - Double Span Heavy End Bay Purlins - Load Tables

Section Reference	Weight (Kg/m)	END BAY						INTERNAL					
		Working U.D.L. (kN)	Deflection Span /180	Ultimate U.D.L. in kN/Span			Total Working U.D.L. (kN)	Deflection Span /180	Ultimate U.D.L. in kN/Span				
				Gravity Load	Uplift - metal cladding				Gravity Load	Uplift - metal cladding			
					0	1				2	0	1	2

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP235/65/150	4.75	8.91	10.37	13.37	9.15	11.17	13.37	12.04	14.00	18.06	9.15	11.17	15.09
DP-PSP235/65/200	6.29	13.62	13.62	22.53	15.35	18.05	22.53	18.40	18.40	30.44	15.35	18.05	23.46
DP-PSP265/65/150	5.09	10.40	13.83	15.60	9.85	12.15	15.60	14.05	18.69	21.07	9.85	12.15	16.64
DP-PSP265/65/200	6.75	17.65	18.19	26.47	16.48	19.55	25.75	23.84	24.57	35.76	16.48	19.55	25.75
DP-PSP300/65/150	5.49	7.87	18.67	11.80	10.91	11.80	11.80	10.63	25.22	15.94	10.91	13.54	15.94
DP-PSP300/65/200	7.29	12.17	24.58	18.25	18.23	18.25	18.25	16.44	33.21	24.66	18.23	21.73	24.66
DP-PSP325/65/150	5.78	8.49	22.69	12.73	11.38	12.73	12.73	11.47	30.65	17.20	11.38	14.24	17.20
DP-PSP325/65/200	7.68	13.07	29.89	19.60	18.96	19.60	19.60	17.65	40.38	26.48	18.96	22.77	26.48

S390 - Double Span Heavy End Bay Purlins - Span = 9m

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP265/65/150	5.09	9.89	12.34	14.83	9.10	11.07	14.83	13.36	16.67	20.04	9.10	11.07	14.96
DP-PSP265/65/200	6.75	16.22	16.22	25.10	15.30	17.91	23.25	21.92	21.92	33.91	15.30	17.91	23.25
DP-PSP300/65/150	5.49	7.10	16.65	10.65	10.08	10.65	10.65	9.59	22.50	14.38	10.08	12.32	14.38
DP-PSP300/65/200	7.29	10.92	21.92	16.38	16.38	16.38	16.38	14.75	29.62	22.13	16.92	19.90	22.13
DP-PSP325/65/150	5.78	7.64	20.24	11.47	10.50	11.47	11.47	10.33	27.34	15.49	10.50	12.94	15.49
DP-PSP325/65/200	7.68	11.70	26.66	17.55	17.55	17.55	17.55	15.81	36.02	23.71	17.59	20.83	23.71

S390 - Double Span Heavy End Bay Purlins - Span = 9.5m

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP300/65/150	5.49	6.43	14.95	9.64	9.37	9.64	9.64	8.68	20.19	13.02	9.37	11.30	13.02
DP-PSP300/65/200	7.29	9.85	19.68	14.77	14.77	14.77	14.77	13.31	26.58	19.96	15.79	18.35	19.96
DP-PSP325/65/150	5.78	6.91	18.16	10.36	9.75	10.36	10.36	9.33	24.54	13.99	9.75	11.84	13.99
DP-PSP325/65/200	7.68	10.53	23.93	15.80	15.80	15.80	15.80	14.23	32.32	21.34	16.40	19.18	21.34

S390 - Double Span Heavy End Bay Purlins - Span = 10m

Section Reference	Weight	END BAY						INTERNAL					
		U.D.L.	Defl.	Gravity	0	1	2	U.D.L.	Defl.	Gravity	0	1	2
DP-PSP300/65/150	5.49	5.84	13.49	8.75	8.75	8.75	8.75	7.88	18.22	11.82	8.75	10.42	11.82
DP-PSP300/65/200	7.29	8.93	17.76	13.39	13.39	13.39	13.39	12.06	23.99	18.09	14.80	17.01	18.09
DP-PSP325/65/150	5.78	6.26	16.39	9.39	9.10	9.39	9.39	8.46	22.14	12.69	9.10	10.91	12.69
DP-PSP325/65/200	7.68	9.53	21.59	14.29	14.29	14.29	14.29	12.87	29.17	19.31	15.37	17.77	19.31