

Retractable pergola beaufort wind load chart

		A Width												
cm		250	300	400	500	600	700	800	900	1000	1100	1200	1300	
Projection (P) cm	250	11	11	11	11	11	11	11	11	11	11	11	11	
	300	11	11	11	11	11	11	11	11	11	11	11	11	
	350	11	11	11	11	11	11	11	11	11	11	11	11	
	400	11	11	11	11	11	11	11	11	11	11	11	11	
	450	11	11	11	11	11	11	11	11	11	11	11	11	
	500	11	11	11	11	11	11	11	11	11	11	11	10	
	550	11	11	11	11	11	11	11	11	11	11	10	10	
	600	11	11	11	11	11	11	11	10	11	10	10	10	
	650	11	11	11	11	11	11	11	10	10	10	10	9	
	700	11	11	11	11	11	11	11	10	10	10	9	9	
	750	11	11	11	11	11	11	11	10	10	9	9	9	
	800	11	11	11	11	11	11	10	10	10	9	9	9	
	850	11	11	10	11	10	10	9	9	9	9	9	8	
	900	11	10	10	10	10	10	9	9	9	9	8	8	
	950	10	10	10	10	10	10	9	9	8	9	8	8	8
	1000	10	10	10	10	10	9	9	8	8	8	8	8	8
1100	10	10	10	9	9	9	8	8	8	8	8	8	7	

1 Modules

2 Modules

3 Modules

Beaufort No	Wind Speed km/h	Condition
0	< 1	Calm
1	1 < 5	Light air
2	6 < 11	Light breeze
3	12 < 19	Gentle breeze
4	20 < 28	Moderate breeze
5	29 < 38	Fresh breeze
6	39 < 49	Strong breeze
7	50 < 61	Strong gale
8	62 < 74	Fresh gale
9	75 < 88	Strong gale
10	89 < 102	Whole gale
11	103 < 117	Storm
12	> 118	Hurricane