

## MULTI-LAYERED CYCLONE RESISTANT GLASS - BY GLASSHAPE LTD

### WINDSPEED TO PRESSURE CONVERSION CHART

Metres/Second m/s	Kilometres/Hour km/h	Miles/Hour mph	Pascals Pa
6.38	22.97	14.28	25
9.03	32.50	20.19	50
11.06	39.80	24.73	75
12.77	45.96	28.56	100
15.63	56.27	34.97	150
18.06	65.00	40.39	200
20.18	72.66	45.16	250
22.11	79.60	49.46	300
23.88	85.97	53.43	350
25.53	91.91	57.11	400
27.08	97.47	60.58	450
28.54	102.76	63.85	500
31.27	112.56	69.94	600
33.77	121.57	75.54	700
36.11	130.00	80.78	800
38.30	137.88	85.67	900
40.31	145.13	90.18	1000
42.34	152.42	94.71	1100
44.22	159.19	98.92	1200
46.03	165.72	102.97	1300
47.77	171.96	106.85	1400
49.44	178.00	110.60	1500
51.06	183.83	114.23	1600
54.16	194.97	121.15	1800
57.09	205.53	127.71	2000
59.87	215.60	133.94	2200
62.54	225.10	139.90	2400
65.09	234.30	145.61	2600
67.54	243.20	151.10	2800
69.92	251.70	156.41	3000
72.21	260.00	161.53	3200
74.44	268.00	166.52	3400
76.54	275.70	171.33	3600
78.69	283.30	176.03	3800
80.74	290.70	180.61	4000
82.73	297.80	185.06	4200
84.68	304.80	189.42	4400
86.58	311.70	193.68	4600
88.45	318.40	197.86	4800
90.27	325.00	201.92	5000
92.05	331.40	205.91	5200
93.79	337.60	209.80	5400
95.54	344.00	213.72	5600
97.22	350.00	217.48	5800
98.87	356.00	221.18	6000

1000 pascals + 1 kPa      20.89 lbs ft<sup>2</sup> = 1 kPa

Cyclone Glass  
product rating

Now available  
high  
performance  
8mm  
StormShield  
5.75 kPa to  
reduce weight  
& cost

8 mm StormShield

5.75 kPa

10 mm StormShield

6.74 kPa

12, 14mm StormShield  
(depending on window size)

StormShield testing based on panel size 1800 x 700mm

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