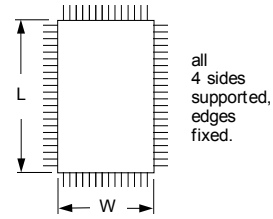


## ALUCOBOND® Load Table (Wind Loads) Panel Thickness 4 mm

Wind Load  pressure or suction  [kN/m <sup>2</sup> ]  (≅ kPa)	maximum length "L" of the panel for customary widths: W = 625, 750, 1000, 1250, 1500 mm				
	W = 625 mm  L [mm]	W = 750 mm  L [mm]	W = 1000 mm  L [mm]	W = 1250 mm  L [mm]	W = 1500 mm  L [mm]
0.50	8000	8000	8000	8000	5400
0.70	8000	8000	8000	4750	2700
0.80	8000	8000	8000	3600	2300
0.90	8000	8000	4300	2700	1975
1.00	8000	8000	3650	2300	1775
1.10	8000	8000	3250	2000	1575
1.20	8000	8000	3000	1775	1475
1.40	8000	8000	2075	1500	1225
1.60	8000	2700	1675	1275	1075
1.80	8000	2250	1400	1100	950
2.00	8000	2000	1225	975	850
2.20	2400	1750	1075	875	775
2.40	1900	1400	975	800	725
2.60	1700	1200	875	750	700
2.80	1550	1075	800	700	650
3.00	1450	975	750	650	575
3.20	1275	900	675	625	550
3.40	1100	825	650	600	525
3.60	975	750	625	575	500



### Criteria for dimensioning :

- calculation by computer programme "MARC"
- based on the permissible stress  $\sigma_{perm} = 53 \text{ N} / \text{mm}^2$  of the layers,
- safety factor  $\gamma = 1.7$  is included.
- elastic deflection of supports is restricted to  $L / 150$