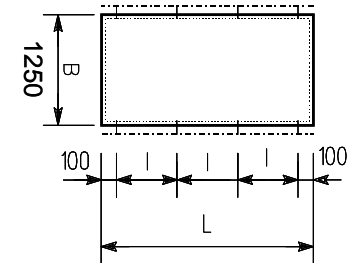


wind load pressure or suction  W (kN/m <sup>2</sup> )	max. Length of panel „L“ in mm panel thickness			returned edges in vertical direction		returned edges in horizontal direction reinforcing aluminium profile to avoid too long edges. W of the returned edges is not taken into account.			W <sub>required</sub> [cm <sup>3</sup> ]	L		
	3 mm	4 mm	6 mm	t <sub>1</sub> [mm]	Force [kN] field (corner)	T [mm]	T [mm]	t [mm]		40/15/2	20/20/2	20/20/2
0.5	5900	8000	8000	25	0.16 (0.29)	65	35	35	0.54	40/15/2	20/20/2	20/20/2
0.6	3525	5800	8000	25	0.19 (0.34)	70	35	35	0.64	40/15/2	20/20/2	20/20/2
0.7	2700	4750	8000	35	0.22 (0.40)	80	40	40	0.75	40/15/2	30/20/2	20/20/2
0.8	2225	3600	8000	35	0.25 (0.46)	80	40	40	0.86	40/20/2,5	30/20/2	25/25/2
0.9	1875	2700	4775	40	0.28 (0.52)	90	45	40	0.96	40/20/2,5	30/20/2	25/25/2
1.0	1650	2300	4100	40	0.31 (0.57)	95	50	40	1.07	40/20/3	30/20/2	25/25/2
1.1	1475	2000	3575	40	0.34 (0.63)	100	50	40	1.18	40/25/3	30/20/2	25/25/2
1.2	1325	1775	3275	45	0.38 (0.69)	100	55	40	1.28	50/15/2,5	40/20/2	25/25/2
1.4	1125	1500	2325	45	0.44 (0.80)	--	65	40	1.50	60/20/2,5	40/20/2	30/30/2
1.6	975	1275	1875	50	0.48 (0.88)	--	70	40	1.64	60/20/2,5	40/20/2	30/30/2
1.8	850	1100	1600	50	0.56 (1.03)	--	75	40	1.93	60/20/2,5	40/20/2,5	30/30/2
2.0	775	975	1400	55	0.63 (1.15)	--	80	40	2.14	60/30/3	40/20/2,5	34/20/3
2.2	700	875	1250	55	0.69 (1.26)	--	90	40	2.36	60/30/3	30/30/3	34/20/3
2.4	650	800	1100	60	0.75 (1.38)	--	95	40	2.57	60/30/3	40/30/3	50/20/2
2,6	600	750	1025	60	0.81 (1.49)	--	100	40	2.78	80/25/2,5	40/30/3	50/20/2
2,8	575	700	925	65	0.88 (1.60)	--	--	--	3.00	80/25/2,5	40/30/3	50/20/2
3,0	550	650	875	65	0.94 (1.72)	--	--	--	3.21	80/25/2,5	40/30/3	40/30/2,5



**ALUCOBOND®**  
tray panel system,  
hooked on bolts  
**B = 1250 mm, l < 500 mm**

Note: the dimensioning in this table includes a safety factor of 1.75 for ALUCOBOND-panels and 3.0 for fixings