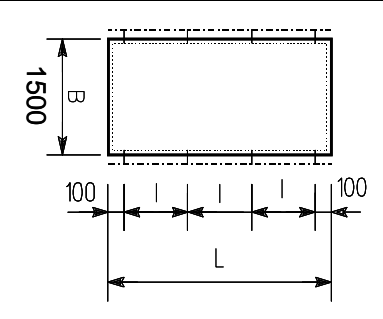





wind load pressure or suction W (kN/m ²)	max. Length of panel „L“ in mm panel thickness			returned edges in vertical direction		returned edges in horizontal direction reinforcing aluminium profile to avoid too long edges. W of the returned edges is not taken into account.			$W_{required}$ [cm ³]			
	3 mm	4 mm	6 mm	t_1 [mm]	Force [kN] field (corner)	T [mm]	T [mm]	t [mm]				
0.5	3200	5400	8000	30	0.19 (0.38)	85	45	40	0.93	40/20/2,5	25/25/2	25/25/2
0.6	2450	3500	8000	35	0.23 (0.45)	95	50	40	1.11	40/20/3	25/25/2	25/25/2
0.7	2025	2700	5300	35	0.26 (0.53)	100	55	40	1.30	50/15/2,5	25/25/3	25/25/2
0.8	1725	2300	4575	40	0.30 (0.60)	--	60	40	1.48	50/25/2,5	25/25/3	30/30/2
0.9	1525	1975	3500	40	0.34 (0.68)	--	70	40	1.67	60/20/2,5	40/20/2	30/30/2
1.0	1350	1775	2850	45	0.38 (0.75)	--	75	40	1.85	60/20/2,5	40/20/2	30/30/2
1.1	1225	1575	2450	45	0.41 (0.83)	--	80	40	2.04	60/25/2,5	40/20/2,5	34/20/3
1.2	1125	1475	2200	45	0.45 (0.90)	--	85	40	2.22	60/30/3	40/20/2,5	34/20/3
1.4	950	1225	1775	50	0.50 (1.00)	--	95	40	2.59	60/30/3	40/30/3	50/20/2
1.6	850	1075	1500	55	0.60 (1.20)	--	--	--	2.96	80/25/2,5	40/30/3	50/20/2
1,8	775	950	1325	55	0.67 (1.35)	--	--	--	3.33	80/25/2,5	40/30/3	40/30/2,5
2.0	700	850	1175	60	0.75 (1.50)	--	--	--	3.70	80/40/3	40/40/2,5	50/30/3
2.2	650	775	1050	65	0.82 (1.65)	--	--	--	4.07	80/40/3	50/30/3	50/30/3
2.4	625	725	975	65	0.90 (1.80)	--	--	--	4.44	80/40/3	50/30/3	50/30/3
2.6	575	700	900	70	0.95 (1.95)	--	--	--	4.81	100/50/3	50/30/3	50/30/3
2.8	500	650	850	75	1.05 (2.10)	--	--	--	5.18	100/50/3	40/40/4	50/30/3
3.0	475	575	800	75	1.13 (2.25)	--	--	--	5.55	100/50/3	40/40/4	50/30/3

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

ALUCOBOND®
tray panel system,
hooked on bolts
B = 1500 mm, l < 500 mm