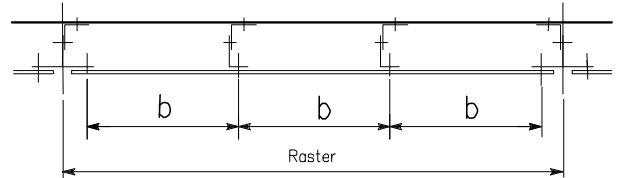
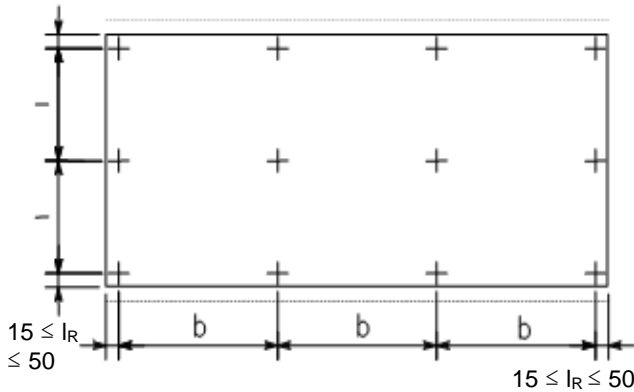


Load Table (Wind Loads)

Fascia, riveted - flat panels

fixed to 4 & 5 support rails – 3 & 4 span girder



Dimension criteria:

- Approvals: BBA 05/4214
CSTB 2/09-1372
DIBt Z-33.2-6
- permissible stress: 51 N/mm²
permissible deflection: span / 70
- For a spacing of the rivets limited to $l \leq 500$ mm
- Limited deflection of the substructure $l/150$

- Aluminium-blind rivet Ø 5 mm, rivet head Ø 11 or 14 mm (stress-free riveting with attachment jig; clearance = 0,3 mm)

drill hole-Ø in the ALUCOBOND panel:

- Ø 7,5 mm: max. width $b = 1000$ mm
max. length $L = 4000$ mm
Rivet head Ø 11 mm
- Ø 8,5 mm: max. width $b = 1500$ mm
max. length $L = 8000$ mm
Rivet head Ø 14 mm

d = 4 mm	3 span-girder - max. spanwidth "b" [mm]																	
Windload [kN/m²]	0,30	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	
suction : max b	1152	1047	972	914	869	831	799	771	747	726	689	659	634	612	593	576	561	
max. l [mm]	500	500	500	500	500	500	500	500	500	491	443	405	375	349	328	309	293	
pressure: max. b	1388	1261	1171	1102	1047	1001	963	929	900	875	814	761	718	681	649	622	597	
max. l [mm]	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	

d = 4 mm	4 span-girder – max. spanwidth "b" [mm]																	
Windload [kN/m²]	0,30	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	
suction : max b	1170	1063	987	929	882	844	811	783	759	737	700	670	644	622	602	585	570	
max. l [mm]	500	500	500	500	500	500	500	500	494	466	420	384	355	331	311	293	278	
pressure: max. b	1410	1281	1189	1119	1063	1017	978	944	888	850	787	736	694	658	628	601	577	
max. l [mm]	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	

This table is valid for vertical and horizontal layout.