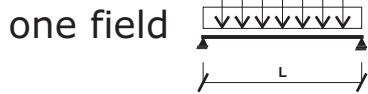
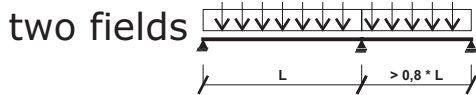


BBS predimensioning



area load in kN/m ² excl. dead load BBS	span width													
	3,0 m		3,5 m		4,0 m		4,5 m		5,0 m		5,5 m		6,0 m	
	permitted bowing under load													
	l/300	l/400	l/300	l/400	l/300	l/400	l/300	l/400	l/300	l/400	l/300	l/400	l/300	l/400
2,0	74	81	102	102	102	122	122	122	143	143	143	153	153	163
2,5	81	102	102	102	112	122	130	143	143	153	153	163	163	185
3,0	102	102	112	122	122	143	143	153	153	163	171	171	171	199
3,5	102	112	112	122	130	143	143	153	163	163	185	185	185	226
4,0	102	112	122	130	130	143	143	153	163	171	171	199	199	226
4,5	102	112	122	130	143	143	153	163	163	185	185	199	199	226
5,0	102	112	122	130	143	143	153	163	163	185	185	199	199	226
5,5	102	112	122	130	143	143	153	163	163	185	185	199	199	226
6,0	102	112	122	130	143	143	153	163	163	185	185	199	199	226
6,5	102	112	122	130	143	143	153	163	163	185	185	199	199	226
7,0	102	112	122	130	143	143	153	163	163	185	185	199	199	226
7,5	102	112	122	130	143	143	153	163	163	185	185	199	199	226
8,0	102	112	122	130	143	143	153	163	163	185	185	199	199	226

R60
R90



area load in kN/m ² excl. dead load BBS	span width longer field													
	3,0 m		3,5 m		4,0 m		4,5 m		5,0 m		5,5 m		6,0 m	
	permitted bowing under load													
	l/300	l/400	l/300	l/400	l/300	l/400	l/300	l/400	l/300	l/400	l/300	l/400	l/300	l/400
2,0	65	65	74	74	81	102	102	102	122	122	122	143	143	143
2,5	65	74	74	81	102	102	112	122	130	130	143	143	143	153
3,0	74	81	81	102	102	112	122	122	143	143	143	153	153	171
3,5	74	81	102	102	112	122	130	130	143	143	153	153	153	171
4,0	74	81	102	102	112	122	130	143	143	153	153	163	163	185
4,5	74	81	102	102	112	122	130	143	143	153	153	163	163	185
5,0	74	81	102	102	112	122	130	143	143	153	153	163	163	185
5,5	74	81	102	102	112	122	130	143	143	153	153	163	163	185
6,0	74	81	102	102	112	122	130	143	143	153	153	163	163	185
6,5	74	81	102	102	112	122	130	143	143	153	153	163	163	185
7,0	74	81	102	102	112	122	130	143	143	153	153	163	163	185
7,5	74	81	102	102	112	122	130	143	143	153	153	163	163	185
8,0	74	81	102	102	112	122	130	143	143	153	153	163	163	185

R60
R90

The length of the shorter field amounts to between 80% and 100% of the longer field.

This tables may be used for predimensioning BBS and do not replace static calculations. The strain is to be seen as evenly divided area load. The dead load of BBS has been included in the calculation and does not have to be taken into consideration.
Further predimensionings: office@binder-holzbausysteme.com