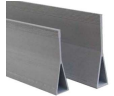
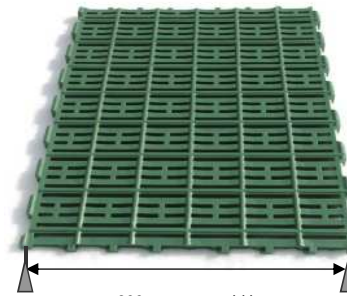


DUO fibre glass reinforced support beams

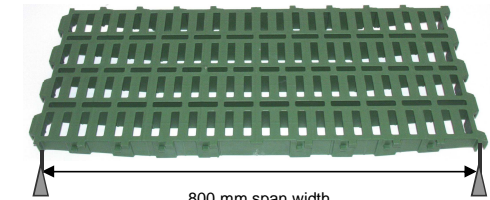
Distance between beams/ span of panel	400 mm (15 3/4")						600 mm (23 5/8")						800 mm (31 1/2")					
Application 	animals in groups up to 40 kg (88 lbs) animal weight		animals in groups up to 125 kg (275 lbs) animal weight and farrowing pens		animals in groups up to 250 kg (551 lbs) animal weight		animals in groups up to 40 kg (88 lbs) animal weight		animals in groups up to 125 kg (275 lbs) animal weight and farrowing pens		animals in groups up to 250 kg (551 lbs) animal weight		animals in groups up to 40 kg (88 lbs) animal weight		animals in groups up to 125 kg (275 lbs) animal weight and farrowing pens		animals in groups up to 250 kg (551 lbs) animal weight	
DUO type Loading	1.5 kN/m ²		2.5 kN/m ²		3.5 kN/m ²		1.5 kN/m ²		2.5 kN/m ²		3.5 kN/m ²		1.5 kN/m ²		2.5 kN/m ²		3.5 kN/m ²	
	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter
DUO L (120 mm height)	94 1/2	2,40	78 3/4	2,00	57	1,45	82 2/3	2,10	53 1/7	1,35	37 2/5	0,95	67	1,70	41 1/3	1,05	29 1/2	0,75
DUO XL (150 mm height)	130	3,30	110 1/4	2,80	98 3/7	2,50	114 1/6	2,90	98 3/7	2,50	82 2/3	2,10	102 1/3	2,60	86 3/5	2,20	55 1/8	1,40



400 mm span width
(e.g. Swing 400 x 600)




600 mm span width
(Swing 600 x 800)



800 mm span width
(e.g. Trapper 800 x 400, Chess 800 x 600)

Steel beams

Distance between beams/ span of panel	400 mm (15 3/4")						600 mm (23 5/8")						800 mm (31 1/2")					
Application 	animals in groups up to 40 kg (88 lbs) animal weight		animals in groups up to 125 kg (275 lbs) animal weight and farrowing pens		animals in groups up to 250 kg (551 lbs) animal weight		animals in groups up to 40 kg (88 lbs) animal weight		animals in groups up to 125 kg (275 lbs) animal weight and farrowing pens		animals in groups up to 250 kg (551 lbs) animal weight		animals in groups up to 40 kg (88 lbs) animal weight		animals in groups up to 125 kg (275 lbs) animal weight and farrowing pens		animals in groups up to 250 kg (551 lbs) animal weight	
Flat steel Loading	1.5 kN/m ²		2.5 kN/m ²		3.5 kN/m ²		1.5 kN/m ²		2.5 kN/m ²		3.5 kN/m ²		1.5 kN/m ²		2.5 kN/m ²		3.5 kN/m ²	
	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter	inch	meter
40 x 5 mm							51 1/6	1,30	39 1/3	1,00	33 1/2	0,85						
50 x 5 mm	73 2/9	1,86	59 4/9	1,51	51 4/7	1,31	63	1,6	44	1,25	41 3/4	1,06						
60 x 5 mm	89	2,26	73 2/9	1,86	61 3/7	1,56	75 1/5	1,91	59	1,50	50	1,27	65	1,65	51 1/6	1,30	43 1/3	1,10
70 x 5 mm	102 3/4	2,61	85	2,16	71 1/4	1,81	87 4/5	2,23	68 8/9	1,75	58 1/4	1,48	74 4/5	1,90	59	1,50	51 1/6	1,30
80 x 5 mm	116 1/7	2,95	96 6/7	2,46	81 1/9	2,06	100	2,54	78 1/3	1,99	66 1/2	1,69	82 2/3	2,10	67	1,70	55 1/8	1,40
90 x 5 mm	130 1/3	3,31	108 2/3	2,76	93	2,36	112 1/5	2,85	88 1/5	2,24	75 1/5	1,91	94 1/2	2,40	74 4/5	1,90	63	1,60
100 x 5 mm	144 1/2	3,67	120 1/2	3,06	102 3/4	2,61	124 4/5	3,17	98	2,49	83 1/2	2,12	106 2/7	2,70	82 2/3	2,10	70 6/7	1,80
120 x 5 mm	172	4,37	141 1/3	3,59	120 6/7	3,07	145 2/3	3,70	115 3/4	2,94	98 4/5	2,51	126	3,20	100	2,54	85 3/7	2,17

Length of beam = support distance + 50 mm!

Caution: The tipping of the beams must be avoided, as otherwise the carrying capacity of the beams will be reduced considerably!

The indicated figures are recommendations only and solely intended for the purpose of material calculation.

These recommendations do not replace static calculation.