


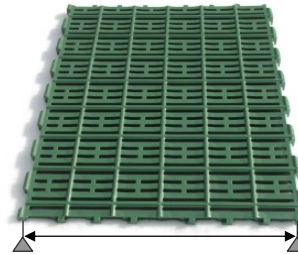
Recommended beam sizes for MIK flooring

DUO fibreglass support beams

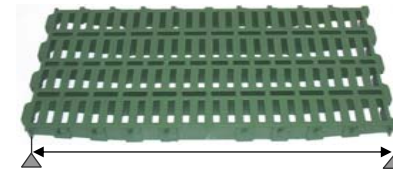
Distance between beams/ span of panel	400 mm (15 3/4")						600 mm (23 5/8")						800 mm (31 1/2")											
Application 	animals in groups up to 40 kg animal weight	animals in groups up to 125 kg animal weight and farrowing pens				animals in groups up to 250 kg animal weight	animals in groups up to 40 kg animal weight	animals in groups up to 125 kg animal weight and farrowing pens				animals in groups up to 250 kg animal weight	animals in groups up to 40 kg animal weight	animals in groups up to 125 kg animal weight and farrowing pens				animals in groups up to 250 kg 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	inch	meter	inch	meter		
DUO L (120 mm height)	94	2,40	78	2,00	57	1,45	82	2,10	52,65	1,35	37	0,95	66	1,70	40,95	1,05	29	0,75						
DUO XL (150 mm height)	129	3,30	109	2,80	98	2,50	113	2,90	98	2,50	82	2,10	101	2,60	86	2,20	55	1,40						



400 mm span width
(Swing 400 x 600)




600 mm span width
(Swing 600 x 800)



800 mm span width
(Trapper 800 x 400)

Steel bars

Distance between bars / 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 animal weight	animals in groups up to 125 kg animal weight and farrowing pens				animals in groups up to 250 kg animal weight	animals in groups up to 40 kg animal weight	animals in groups up to 125 kg animal weight and farrowing pens				animals in groups up to 250 kg animal weight	animals in groups up to 40 kg animal weight	animals in groups up to 125 kg animal weight and farrowing pens				animals in groups up to 250 kg 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	inch	meter	inch	meter		
40 x 5 mm							51	1,30	1	1,05	35	0,90												
50 x 5 mm	73	1,86	59	1,51	51	1,31	64	1,65	53	1,35	45	1,15												
60 x 5 mm	88	2,26	73	1,86	61	1,56	78	2,00	64	1,65	55	1,40	62	1,60	51	1,30	43	1,10						
70 x 5 mm	102	2,61	84	2,16	71	1,81	90	2,30	72	1,85	62	1,60	74	1,90	59	1,50	51	1,30						
80 x 5 mm	117	3,01	103	2,64	80	2,06	103	2,65	84	2,15	70	1,80	82	2,10	66	1,70	55	1,40						
90 x 5 mm	133	3,41	108	2,76	92	2,36	115	2,95	94	2,40	76	1,95	94	2,40	74	1,90	62	1,60						
100 x 5 mm	147	3,76	119	3,06	102	2,61	129	3,30	103	2,65	76	1,95	105	2,70	82	2,10	70	1,80						

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.

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