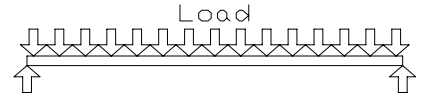




EWS Building Systems
 Headway Road
 Wolverhampton
 WV10 6PZ

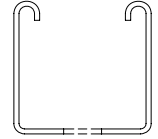
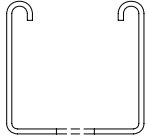
Tel. 01902 623333
 Fax: 01902 623300
 Website:
www.ewsproducts.com

Loading Conditions:

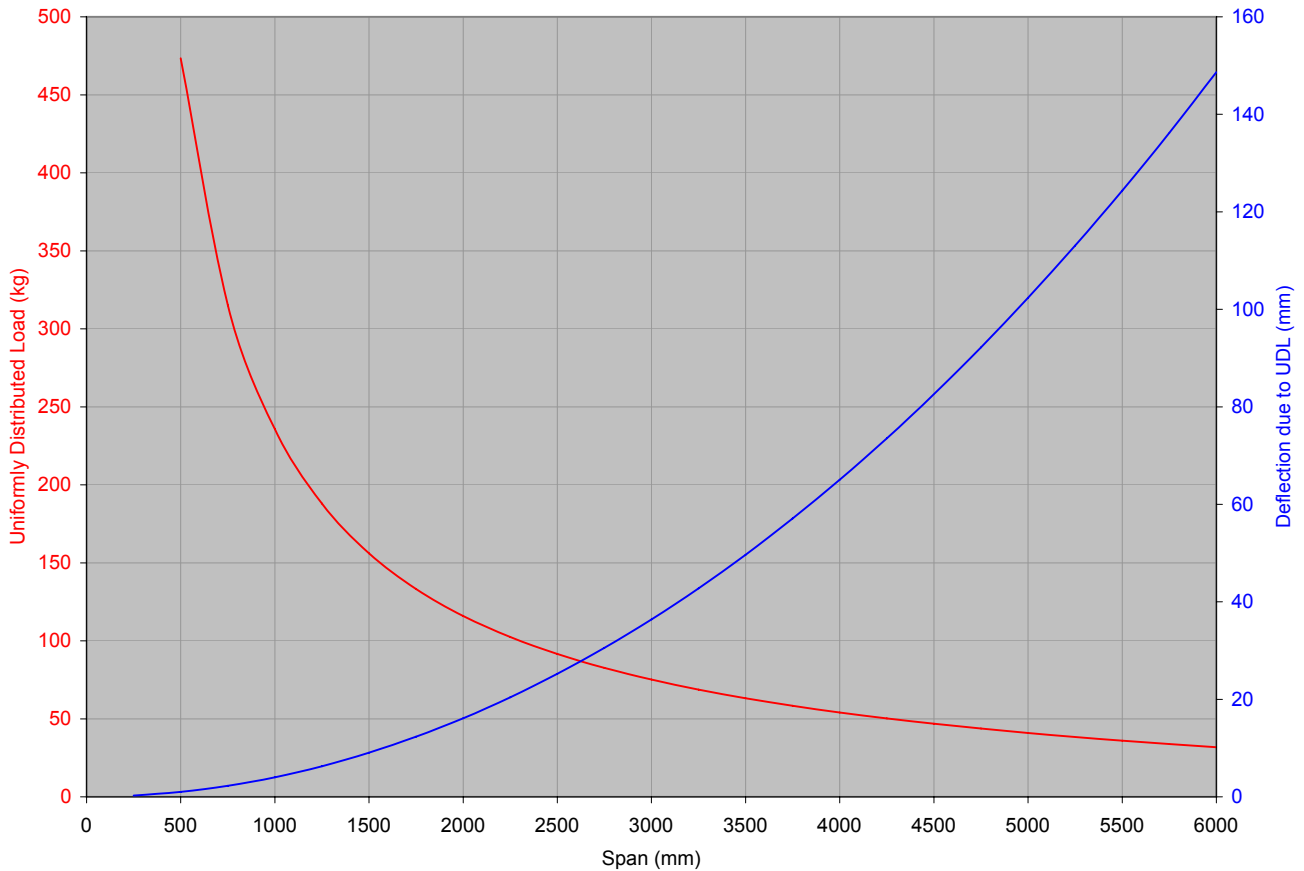


grouphomesafe▲

41x41 Light Gauge Slotted (Mass 1.48kg/m)



Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Total Applied Load (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)
250	947.8	0.3				
500	473.4	1.0				
750	315.1	2.3			290.3	2.1
1000	235.7	4.0			162.5	2.8
1250	188.0	6.3	187.0	6.3	103.1	3.5
1500	156.1	9.1	128.9	7.5	70.6	4.2
1750	133.2	12.3	93.8	8.8	50.9	4.9
2000	115.9	16.1	70.8	10.0	38.0	5.6
2250	102.4	20.4	55.0	11.3	29.1	6.3
2500	91.6	25.2	43.5	12.5	22.5	6.9
2750	82.6	30.6	35.0	13.8	17.6	7.6
3000	75.1	36.4	28.4	15.0	13.8	8.3
3250	68.7	42.8	23.1	16.3	10.7	9.0
3500	63.2	49.7	18.9	17.5	8.2	9.7
3750	58.4	57.1	15.4	18.8	6.1	10.4
4000	54.1	65.1	12.5	20.0	4.3	11.1
4250	50.3	73.6	10.1	21.3	2.8	11.8
4500	46.9	82.6	7.9	22.5	1.5	12.5
4750	43.8	92.2	6.1	23.8	0.3	13.2
5000	40.9	102.4	4.4	25.0		
5250	38.4	113.1	3.0	26.3		
5500	36.0	124.4	1.6	27.5		
5750	33.8	136.2	0.4	28.8		
6000	31.8	148.6				



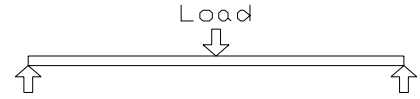
Load, Span & Deflection Graph



EWS Building Systems
 Headway Road
 Wolverhampton
 WV10 6PZ

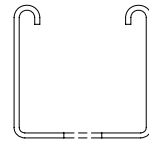
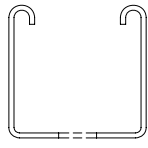
Tel. 01902 623333
 Fax: 01902 623300
 Website:
www.ewsproducts.com

Loading Conditions:

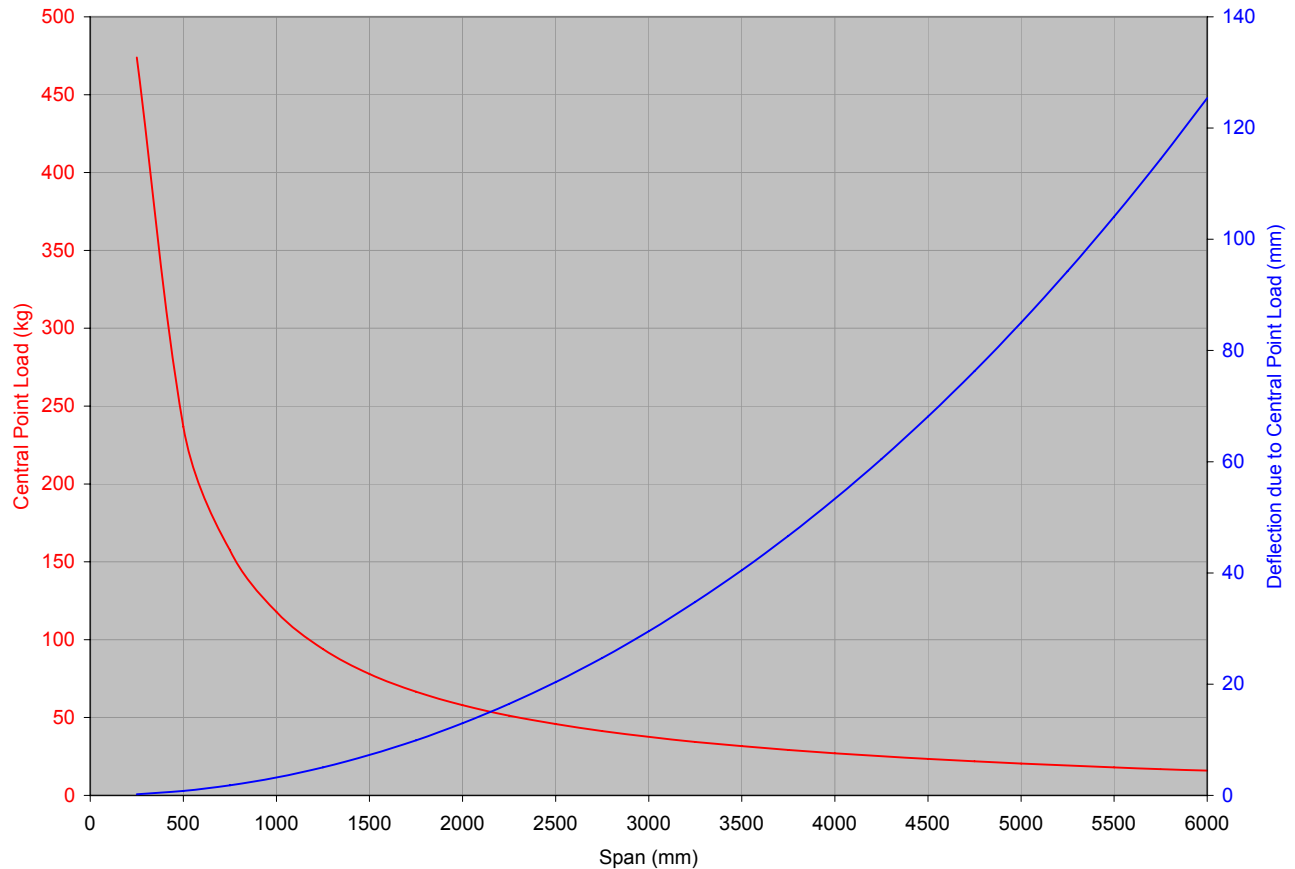


grouphomesafe▲

41x41 Light Gauge Slotted (Mass 1.48kg/m)



Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Central Pt Load (kg)	Total Def. (mm)	Central Pt Load (kg)	Total Def. (mm)	Central Pt Load (kg)	Total Def. (mm)
250	473.9	0.2				
500	236.7	0.8				
750	157.5	1.8				
1000	117.9	3.2			101.5	2.8
1250	94.0	5.0			64.4	3.5
1500	78.0	7.3			44.2	4.2
1750	66.6	9.9	58.6	8.8	31.8	4.9
2000	58.0	13.0	44.3	10.0	23.8	5.6
2250	51.2	16.5	34.4	11.3	18.2	6.3
2500	45.8	20.4	27.2	12.5	14.1	6.9
2750	41.3	24.7	21.8	13.8	11.0	7.6
3000	37.6	29.5	17.7	15.0	8.6	8.3
3250	34.4	34.8	14.5	16.3	6.7	9.0
3500	31.6	40.5	11.8	17.5	5.1	9.7
3750	29.2	46.7	9.7	18.8	3.8	10.4
4000	27.0	53.3	7.8	20.0	2.7	11.1
4250	25.1	60.5	6.3	21.3	1.8	11.8
4500	23.4	68.1	5.0	22.5	0.9	12.5
4750	21.9	76.3	3.8	23.8	0.2	13.2
5000	20.5	85.0	2.8	25.0		
5250	19.2	94.3	1.8	26.3		
5500	18.0	104.1	1.0	27.5		
5750	16.9	114.4	0.3	28.8		
6000	15.9	125.4				



Load, Span & Deflection Graph