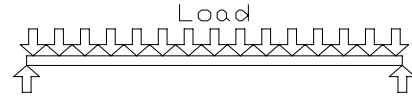




EWS Building Systems  
 Headway Road  
 Wolverhampton  
 WV10 6PZ

Tel. 01902 623333  
 Fax: 01902 623300  
 Website:  
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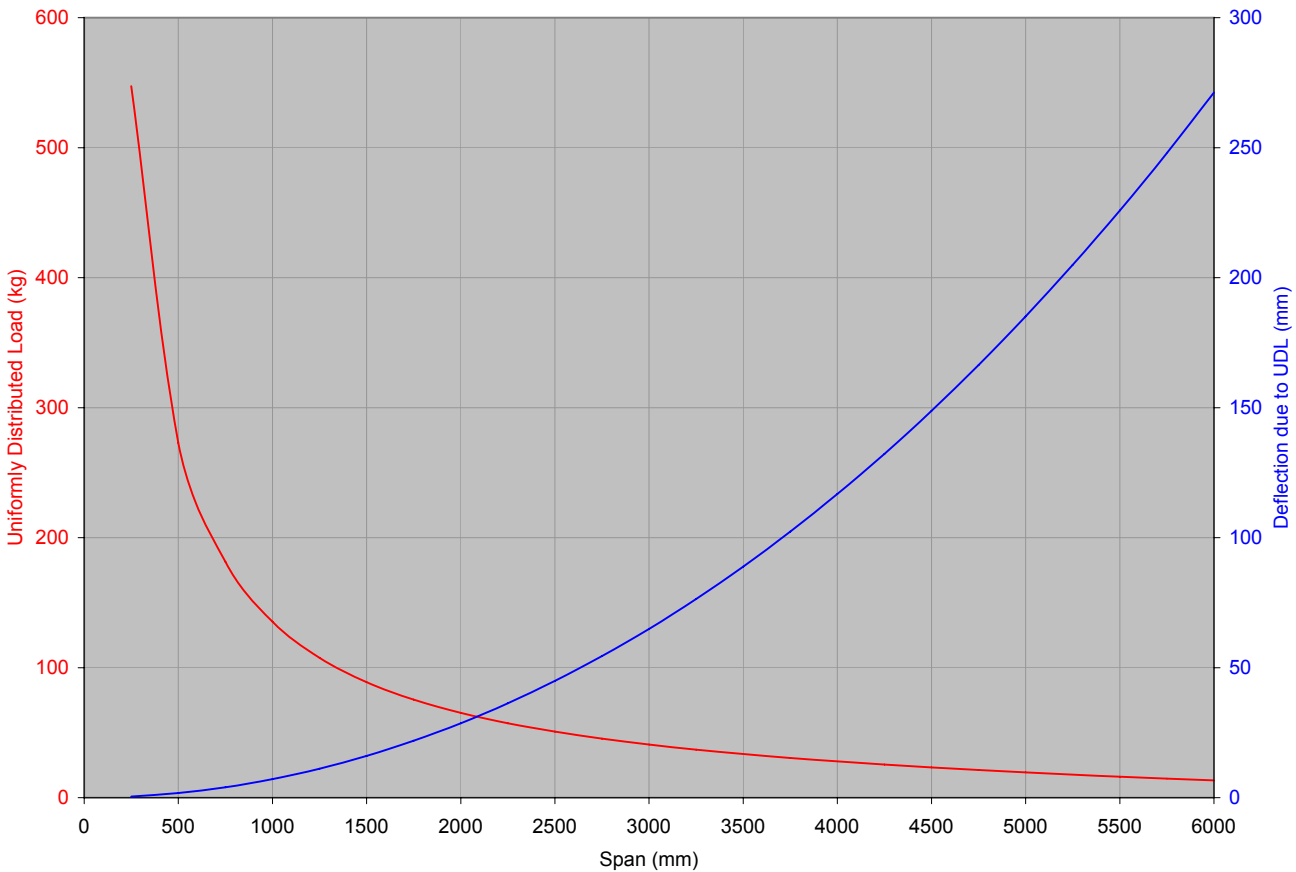
Loading Conditions:



grouphomesafe▲

**41x21 Heavy Gauge Plain (Mass 1.81kg/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	547.3	0.4				
500	273.0	1.8			213.0	1.4
750	181.4	4.0	169.8	3.8	93.7	2.1
1000	135.3	7.1	94.5	5.0	51.7	2.8
1250	107.6	11.1	59.4	6.3	32.0	3.5
1500	88.9	16.1	40.1	7.5	21.1	4.2
1750	75.5	21.9	28.3	8.8	14.3	4.9
2000	65.3	28.6	20.4	10.0	9.8	5.6
2250	57.3	36.3	14.9	11.3	6.5	6.3
2500	50.8	44.9	10.9	12.5	4.0	6.9
2750	45.4	54.4	7.8	13.8	2.1	7.6
3000	40.9	64.9	5.3	15.0	0.5	8.3
3250	37.0	76.4	3.2	16.3		
3500	33.6	88.9	1.5	17.5		
3750	30.6	102.3	0.1	18.8		
4000	27.9	116.8				
4250	25.5	132.3				
4500	23.3	148.8				
4750	21.3	166.4				
5000	19.5	185.1				
5250	17.8	204.9				
5500	16.2	225.8				
5750	14.7	247.9				
6000	13.3	271.2				



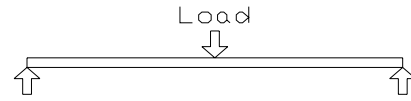
**Load, Span & Deflection Graph**



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 Wolverhampton  
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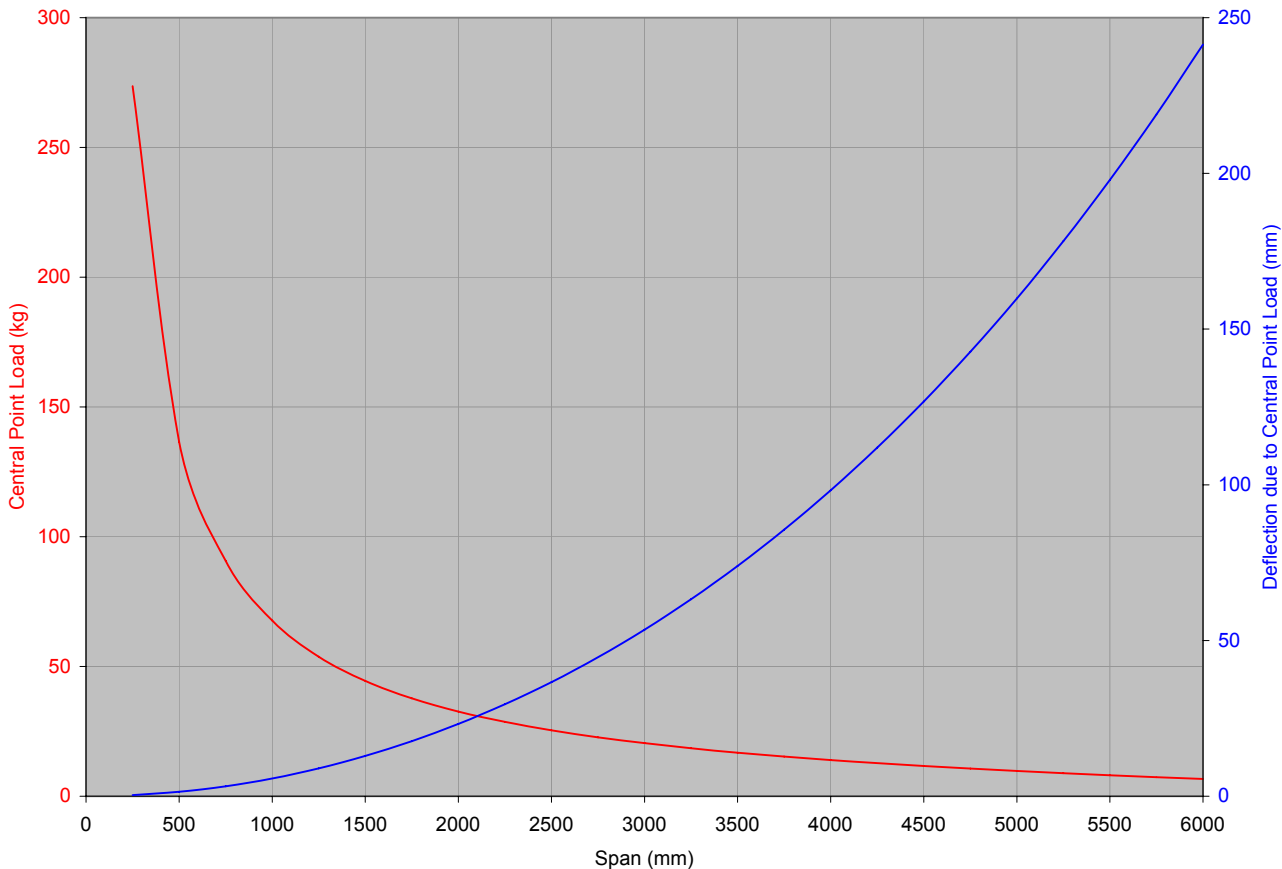
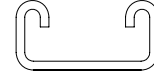
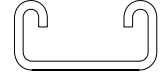
Loading Conditions:



grouphomesafe▲

**41x21 Heavy Gauge Plain (Mass 1.81kg/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	273.6	0.4				
500	136.5	1.4			133.2	1.4
750	90.7	3.2			58.6	2.1
1000	67.7	5.7	59.0	5.0	32.3	2.8
1250	53.8	9.0	37.1	6.3	20.0	3.5
1500	44.4	12.9	25.0	7.5	13.2	4.2
1750	37.7	17.7	17.7	8.8	8.9	4.9
2000	32.6	23.2	12.8	10.0	6.1	5.6
2250	28.6	29.5	9.3	11.3	4.1	6.3
2500	25.4	36.7	6.8	12.5	2.5	6.9
2750	22.7	44.6	4.8	13.8	1.3	7.6
3000	20.4	53.5	3.3	15.0	0.3	8.3
3250	18.5	63.2	2.0	16.3		
3500	16.8	73.9	1.0	17.5		
3750	15.3	85.6	0.0	18.8		
4000	13.9	98.2				
4250	12.7	112.0				
4500	11.6	126.8				
4750	10.6	142.7				
5000	9.7	159.8				
5250	8.9	178.2				
5500	8.1	197.9				
5750	7.4	218.9				
6000	6.7	241.3				



**Load, Span & Deflection Graph**