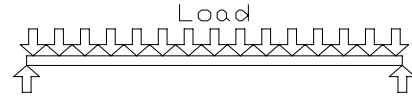




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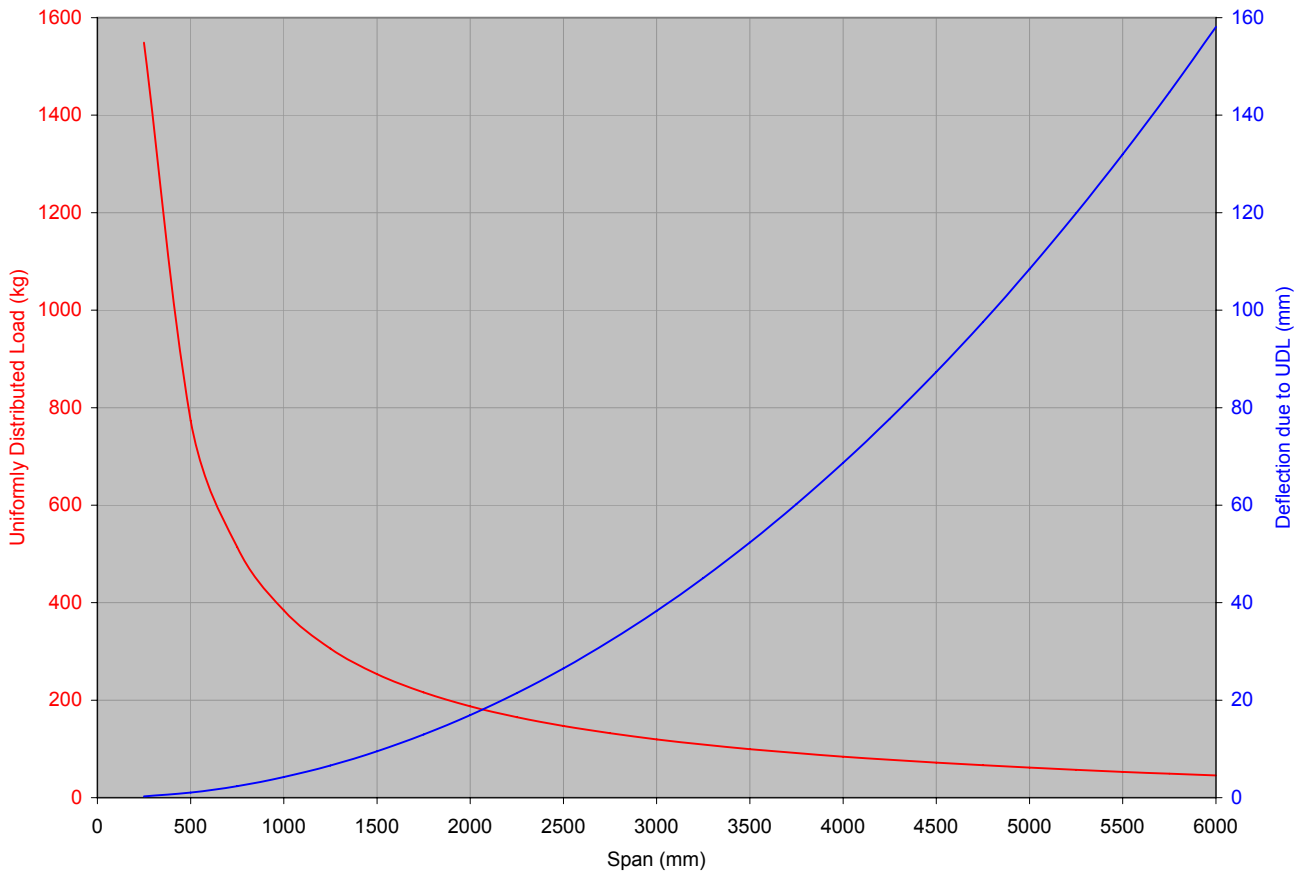
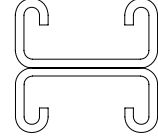
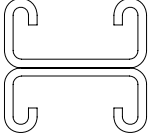
Loading Conditions:



grouphomesafe

**41x21 Back to Back Heavy Gauge Plain (Mass 3.62kg/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	1548.7	0.3				
500	773.2	1.1				
750	514.1	2.4			451.2	2.1
1000	384.2	4.2			251.7	2.8
1250	305.9	6.6	289.6	6.3	158.9	3.5
1500	253.5	9.5	198.9	7.5	108.1	4.2
1750	215.8	13.0	143.7	8.8	77.0	4.9
2000	187.3	16.9	107.7	10.0	56.6	5.6
2250	165.0	21.5	82.6	11.3	42.3	6.3
2500	147.0	26.5	64.5	12.5	31.8	6.9
2750	132.1	32.1	50.8	13.8	23.8	7.6
3000	119.6	38.3	40.2	15.0	17.5	8.3
3250	108.9	45.1	31.7	16.3	12.4	9.0
3500	99.6	52.4	24.8	17.5	8.2	9.7
3750	91.4	60.2	19.1	18.8	4.6	10.4
4000	84.2	68.7	14.2	20.0	1.5	11.1
4250	77.7	77.7	10.1	21.3		
4500	71.8	87.4	6.4	22.5		
4750	66.5	97.6	3.2	23.8		
5000	61.6	108.4	0.3	25.0		
5250	57.1	119.9				
5500	53.0	132.0				
5750	49.1	144.7				
6000	45.5	158.1				



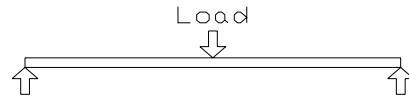
**Load, Span & Deflection Graph**



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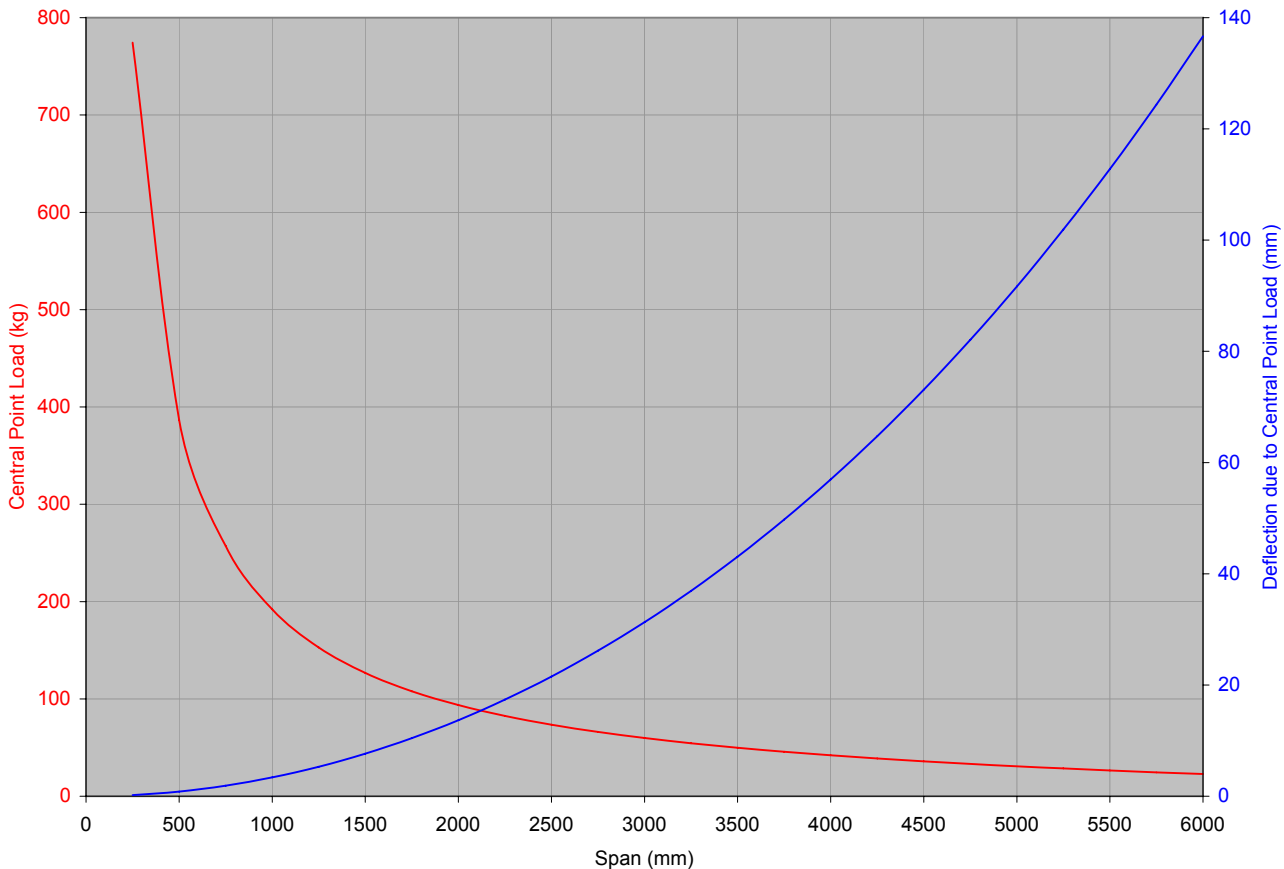
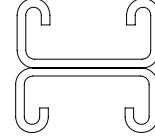
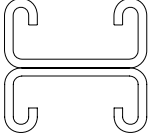
Loading Conditions:



grouphomesafe

**41x21 Back to Back Heavy Gauge Plain (Mass 3.62kg/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	774.3	0.2				
500	386.6	0.8				
750	257.1	1.9				
1000	192.1	3.4			157.3	2.8
1250	153.0	5.3			99.3	3.5
1500	126.7	7.6	124.3	7.5	67.5	4.2
1750	107.9	10.4	89.8	8.8	48.2	4.9
2000	93.7	13.7	67.3	10.0	35.4	5.6
2250	82.5	17.4	51.7	11.3	26.4	6.3
2500	73.5	21.5	40.3	12.5	19.9	6.9
2750	66.1	26.2	31.8	13.8	14.9	7.6
3000	59.8	31.3	25.1	15.0	10.9	8.3
3250	54.4	36.9	19.8	16.3	7.8	9.0
3500	49.8	43.1	15.5	17.5	5.1	9.7
3750	45.7	49.7	11.9	18.8	2.9	10.4
4000	42.1	57.0	8.9	20.0	0.9	11.1
4250	38.8	64.7	6.3	21.3		
4500	35.9	73.1	4.0	22.5		
4750	33.2	82.1	2.0	23.8		
5000	30.8	91.7	0.2	25.0		
5250	28.6	101.9				
5500	26.5	112.8				
5750	24.6	124.4				
6000	22.8	136.7				



**Load, Span & Deflection Graph**