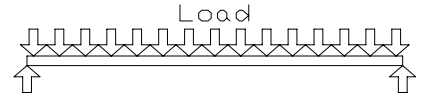




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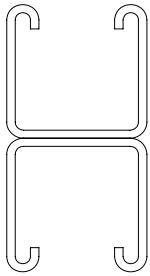
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 Fax: 01902 623300
 Website:
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Loading Conditions:

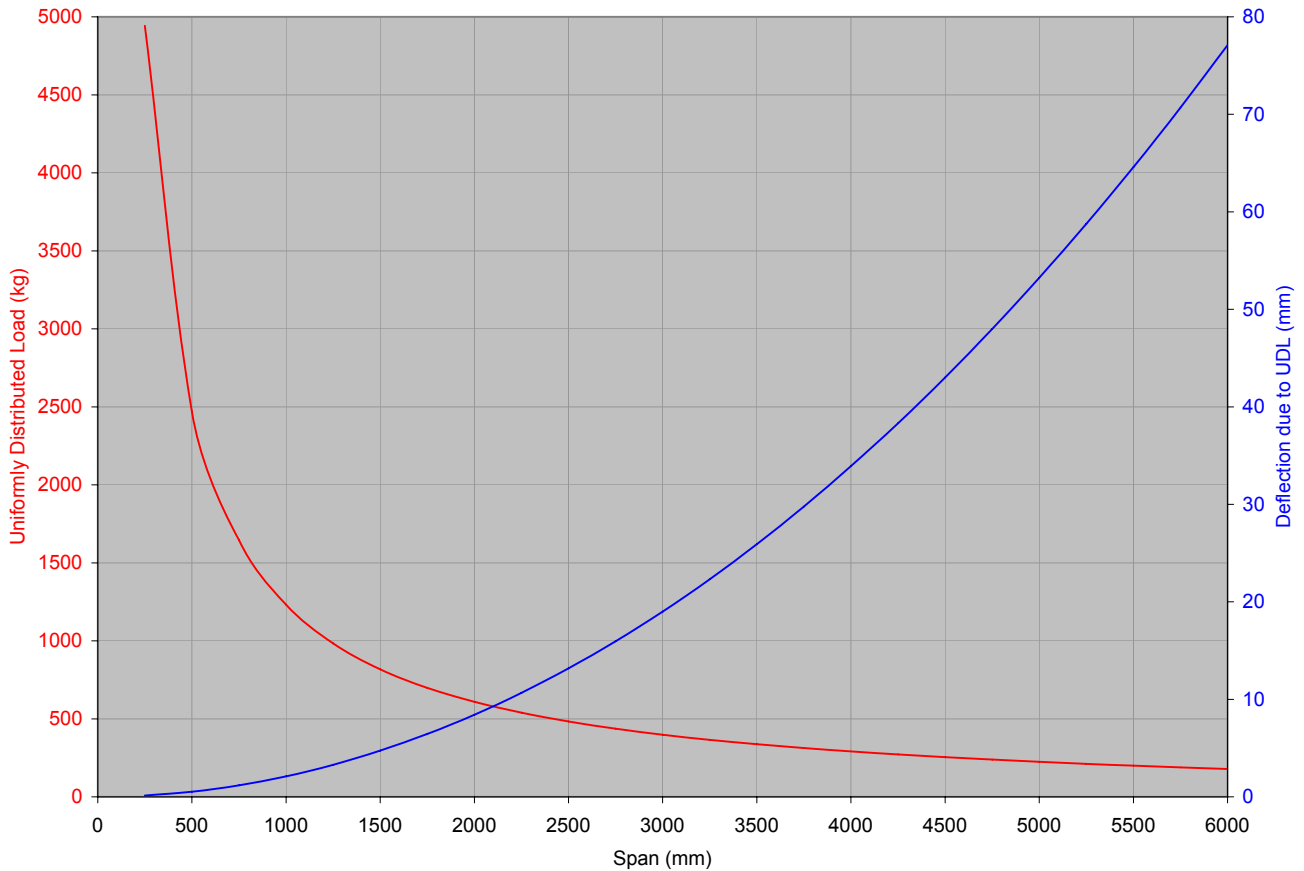
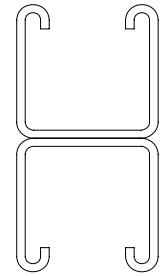


grouphomesafe▲

41x41 Back to Back Heavy Gauge Plain (Mass 5.21kg/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	4943.1	0.1				
500	2469.8	0.5				
750	1644.7	1.2				
1000	1231.5	2.1				
1250	983.1	3.3				
1500	817.2	4.7			718.2	4.2
1750	698.3	6.4			524.3	4.9
2000	608.9	8.4			398.0	5.6
2250	539.1	10.7			311.0	6.3
2500	483.0	13.2	457.4	12.5	248.4	6.9
2750	436.9	16.0	374.5	13.8	201.7	7.6
3000	398.3	19.0	311.1	15.0	165.9	8.3
3250	365.5	22.3	261.5	16.3	137.7	9.0
3500	337.2	25.9	221.8	17.5	115.1	9.7
3750	312.5	29.8	189.6	18.8	96.6	10.4
4000	290.8	33.9	162.9	20.0	81.3	11.1
4250	271.5	38.3	140.7	21.3	68.3	11.8
4500	254.2	43.0	121.8	22.5	57.2	12.5
4750	238.6	48.0	105.6	23.8	47.7	13.2
5000	224.4	53.2	91.6	25.0	39.3	13.9
5250	211.5	58.8	79.3	26.3	31.9	14.6
5500	199.7	64.6	68.6	27.5	25.4	15.3
5750	188.8	70.7	59.0	28.8	19.5	16.0
6000	178.7	77.1	50.4	30.0	14.1	16.7



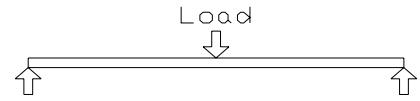
Load, Span & Deflection Graph



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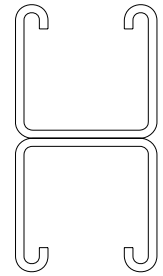
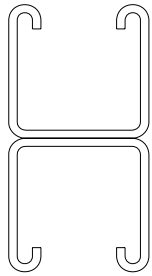
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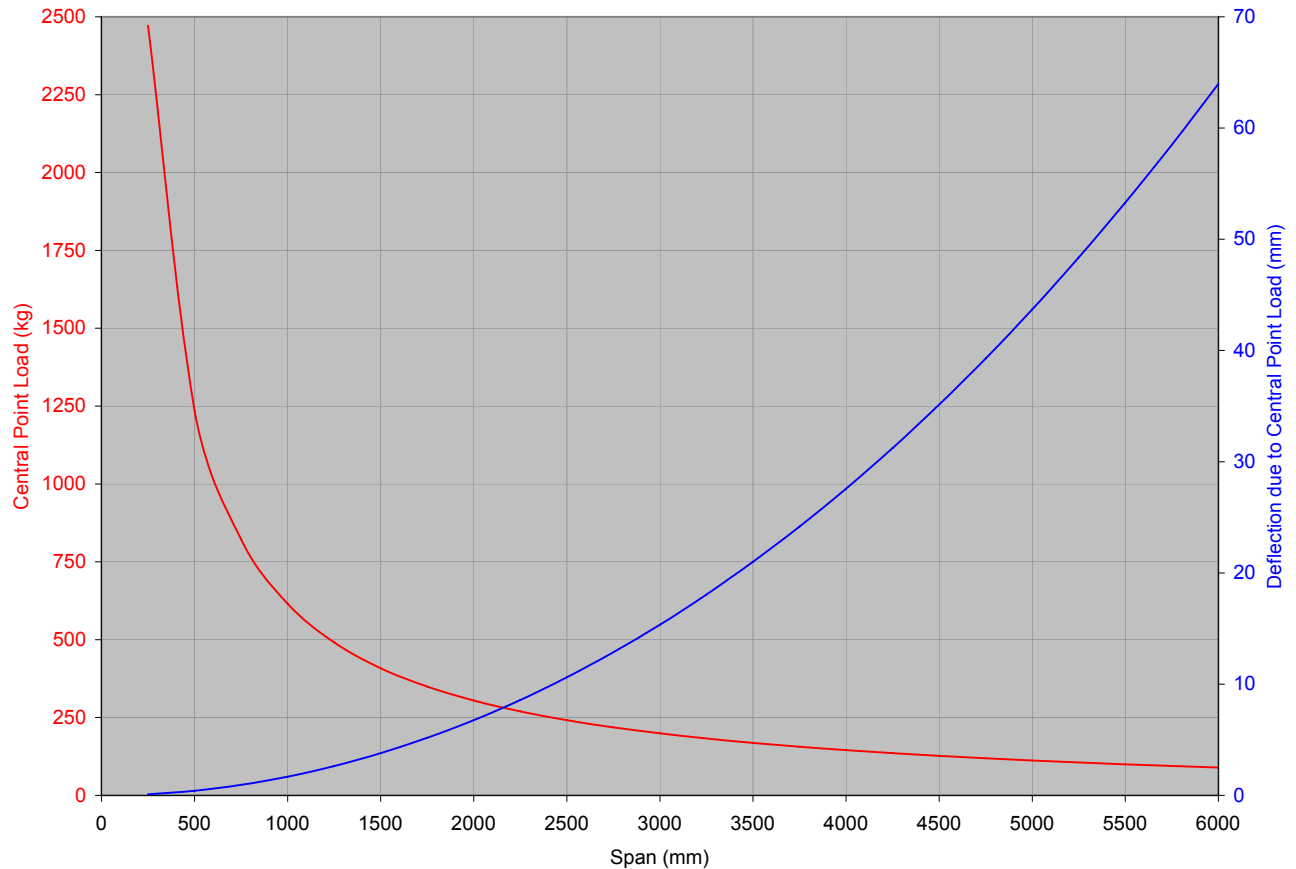


grouphomesafe▲

41x41 Back to Back Heavy Gauge Plain (Mass 5.21kg/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	2471.5	0.1				
500	1234.9	0.4				
750	822.3	0.9				
1000	615.7	1.7				
1250	491.6	2.6				
1500	408.6	3.8				
1750	349.2	5.2			327.7	4.9
2000	304.5	6.8			248.7	5.6
2250	269.6	8.6			194.4	6.3
2500	241.5	10.6			155.2	6.9
2750	218.5	12.9			126.1	7.6
3000	199.2	15.3	194.4	15.0	103.7	8.3
3250	182.8	18.1	163.4	16.3	86.1	9.0
3500	168.6	21.0	138.6	17.5	72.0	9.7
3750	156.3	24.2	118.5	18.8	60.4	10.4
4000	145.4	27.6	101.8	20.0	50.8	11.1
4250	135.7	31.2	87.9	21.3	42.7	11.8
4500	127.1	35.1	76.1	22.5	35.8	12.5
4750	119.3	39.3	66.0	23.8	29.8	13.2
5000	112.2	43.7	57.2	25.0	24.6	13.9
5250	105.8	48.4	49.6	26.3	20.0	14.6
5500	99.8	53.3	42.9	27.5	15.9	15.3
5750	94.4	58.5	36.9	28.8	12.2	16.0
6000	89.3	64.0	31.5	30.0	8.8	16.7



Load, Span & Deflection Graph