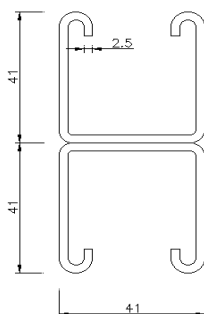
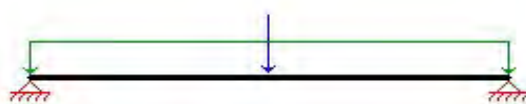


Suggested Load Data



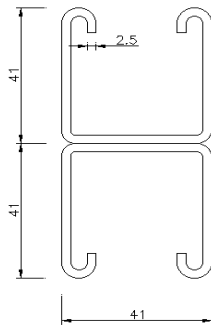
Pre Galvanised 41x41x2.5mm Back to Back
Loading Conditions: Point Load at mid span



41x41x2.5mm thick Back to Back

Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Central Point Load (kg)	Total Def. (mm)	Central Point Load (kg)	Total Def. (mm)	Central Point load (kg)	Total Def. (mm)
250	2480	0.1				
500	1235	0.4				
750	822	1.0				
1000	614	1.7				
1250	485	2.6				
1500	400	3.8				
1750	345	5.2			325	4.9
2000	301	6.8			248	5.6
2250	265	8.6			193	6.3
2500	238	10.6			151	6.9
2750	215	12.9			123	7.6
3000	195	15.3	191	15.0	101	8.3
3250	180	18.1	161	16.3	84.5	9.0
3500	165.5	21.0	136	17.5	70.5	9.7
3750	153.4	24.2	116.5	18.8	59.2	10.4
4000	143	27.6	100	20.0	49.5	11.1
4250	133	31.2	86.5	21.3	41.5	11.8
4500	124.5	35.1	74.5	22.5	35	12.5
4750	117	39.3	64.8	23.8	29	13.2
5000	109.9	43.7	56	25.0	24	13.9
5250	103.8	48.4	48.5	26.3	19.3	14.6
5500	97.7	53.3	41.9	27.5	15.3	15.3
5750	92.5	58.5	36	28.8	11.7	16.0
6000	87.5	64.0	30.6	30.0	8.4	16.7

Suggested Load Data



Pre Galvanised 41x41x2.5mm Back to Back
Loading Conditions: UDL



41x41x2.5mm thick Back to Back

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	4950	0.1				
500	2500	0.5				
750	1650	1.2				0.0
1000	1230	2.1				0.0
1250	980	3.3				0.0
1500	803	4.7			718	4.2
1750	684	6.4			524	4.9
2000	595	8.4			396	5.6
2250	530	10.7			310	6.3
2500	475	13.2	450	12.5	243	6.9
2750	430	16.0	370	13.8	198	7.6
3000	390	19.0	306	15.0	163	8.3
3250	358	22.3	258	16.3	135	9.0
3500	331	25.9	218	17.5	112	9.7
3750	306.5	29.8	186	18.8	94	10.4
4000	285	33.9	160	20.0	79	11.1
4250	266	38.3	138	21.3	67	11.8
4500	249	43.0	119	22.5	56	12.5
4750	234	48.0	103.5	23.8	46.5	13.2
5000	220	53.2	89.5	25.0	38.4	13.9
5250	207.5	58.8	77.6	26.3	31	14.6
5500	195.6	64.6	67	27.5	24.5	15.3
5750	185	70.7	57.5	28.8	18.6	16.0
6000	175	77.1	49	30.0	13.6	16.7