



Product Code:

TS21P-3B2B

Issue Date:

29/11/21

Issue by:

R.M.

Description:

41mm x 42mm Plain Channel (3m Length)

Features:

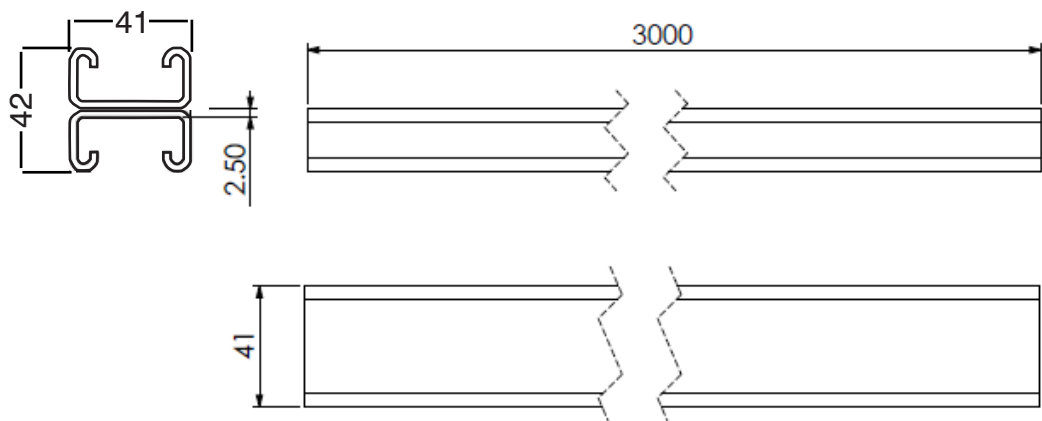
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade continuously hot dipped zinc coated low Carbon Steel Strip to BSEN10346: 2009.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied in 3 metre lengths.
- Wide range of external brackets available for use with strut frame work.
- Tamlex strut framework can be ordered pre-cut to any length to suit customer requirements.
- Can be powder coated to customer specific RAL colour.



Technical:

Width	41 mm
Height	42 mm
Length	3 m
Gauge	2.5 mm
Material	Hot Dipped Zinc Coated Low carbon steel strip
Colour/Finish	Pre Galvanised Steel (Zinc Coated)
Standards	BS EN 10346; BS6946

Dimensions:





Product Code:

TS21P-3B2B

Issue Date:

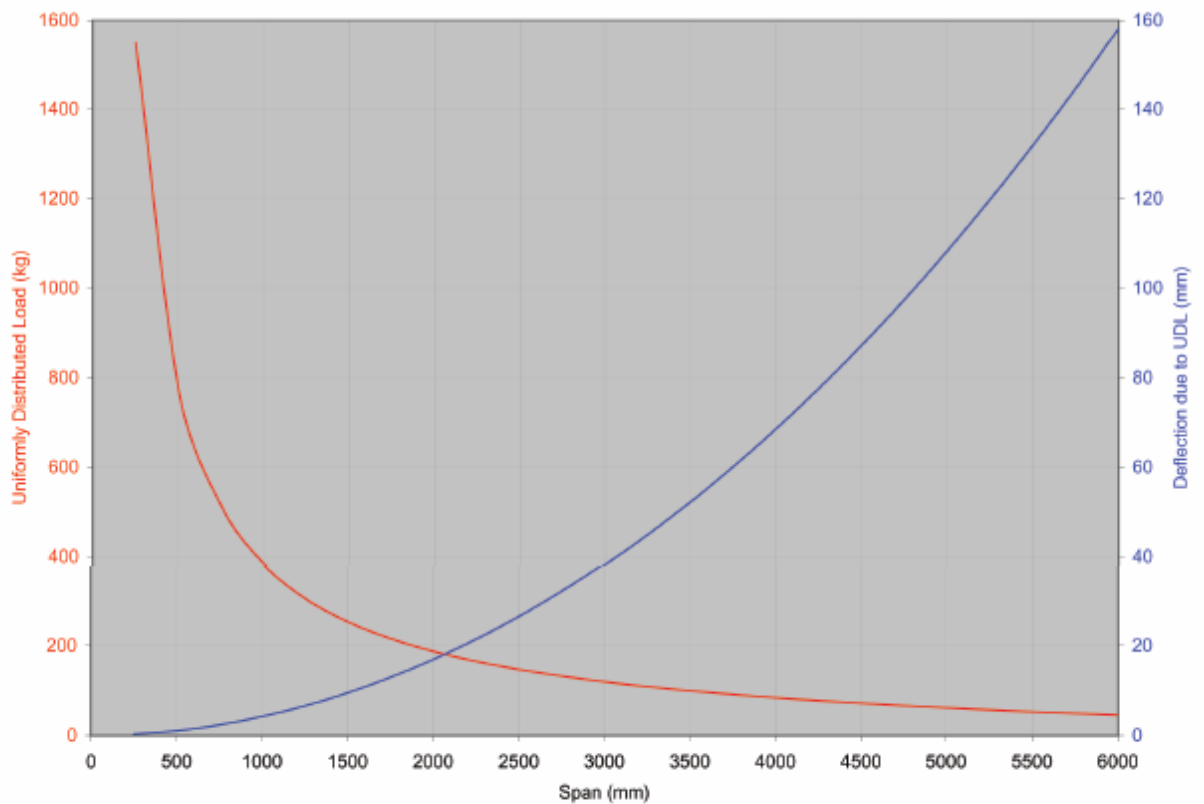
29/11/21

Issue by:

R.M.

Back to Back 41x21x2.5 thk. (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