



Product Code:

TS41P-3

Issue Date:

29/11/21

Issue by:

R.M.

Description:

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

Features:

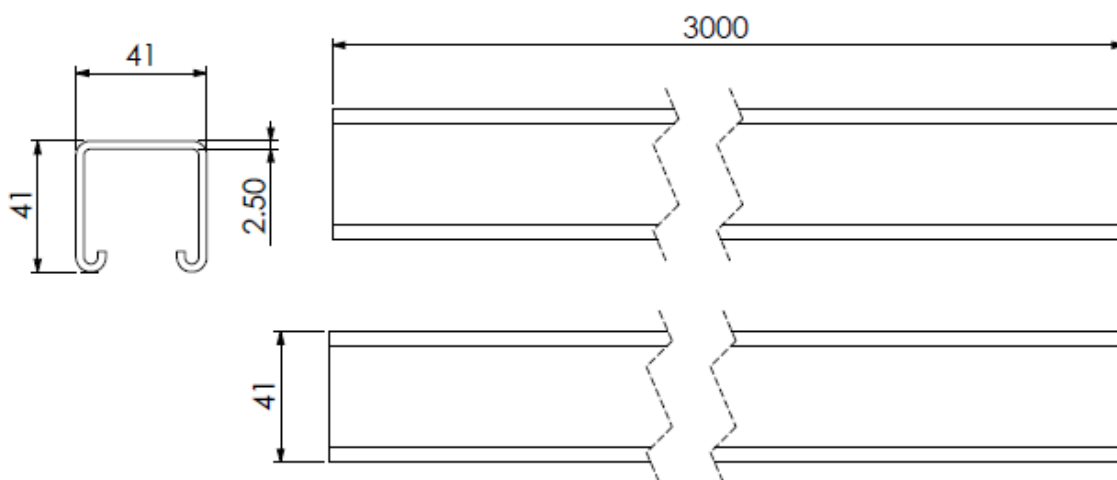
- Plain and Slotted channel available.
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade continuously hot dipped zinc coated low Carbon Steel Strip to BSEN10346: 2009.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied 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 | 41 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:





Tamlex Data Sheet

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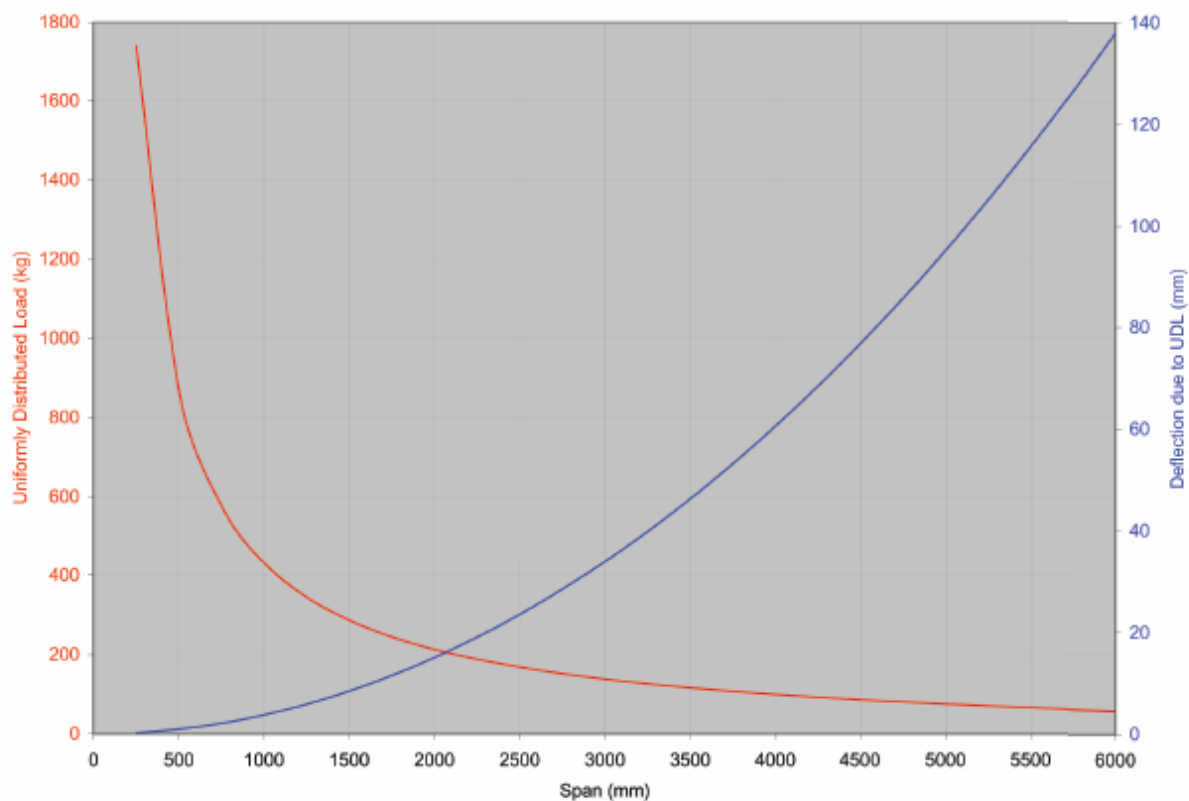
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Plain 41x41x2.5 thk. (Mass 2.60kg/m)

| 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 | 1738.7 | 0.2 | | | | |
| 500 | 868.5 | 0.9 | | | | |
| 750 | 578.0 | 2.1 | | | 573.3 | 2.1 |
| 1000 | 432.5 | 3.7 | | | 321.0 | 2.8 |
| 1250 | 345.0 | 5.8 | | | 203.8 | 3.5 |
| 1500 | 286.5 | 8.4 | 255.0 | 7.5 | 139.9 | 4.2 |
| 1750 | 244.5 | 11.5 | 185.6 | 8.8 | 101.1 | 4.9 |
| 2000 | 212.9 | 15.0 | 140.4 | 10.0 | 75.7 | 5.6 |
| 2250 | 188.1 | 19.0 | 109.2 | 11.3 | 58.1 | 6.3 |
| 2500 | 168.2 | 23.4 | 86.7 | 12.5 | 45.3 | 6.9 |
| 2750 | 151.8 | 28.4 | 69.9 | 13.8 | 35.6 | 7.6 |
| 3000 | 138.1 | 33.8 | 56.9 | 15.0 | 28.1 | 8.3 |
| 3250 | 126.4 | 39.7 | 46.7 | 16.3 | 22.2 | 9.0 |
| 3500 | 116.3 | 46.1 | 38.4 | 17.5 | 17.3 | 9.7 |
| 3750 | 107.4 | 53.0 | 31.7 | 18.8 | 13.2 | 10.4 |
| 4000 | 99.6 | 60.4 | 26.0 | 20.0 | 9.8 | 11.1 |
| 4250 | 92.6 | 68.3 | 21.2 | 21.3 | 6.8 | 11.8 |
| 4500 | 86.4 | 76.7 | 17.0 | 22.5 | 4.3 | 12.5 |
| 4750 | 80.7 | 85.6 | 13.4 | 23.8 | 2.0 | 13.2 |
| 5000 | 75.6 | 95.1 | 10.3 | 25.0 | | |
| 5250 | 70.9 | 105.0 | 7.5 | 26.3 | | |
| 5500 | 66.5 | 115.5 | 4.9 | 27.5 | | |
| 5750 | 62.5 | 126.5 | 2.6 | 28.8 | | |
| 6000 | 58.8 | 138.0 | 0.6 | 30.0 | | |



Load, Span & Deflection Graph