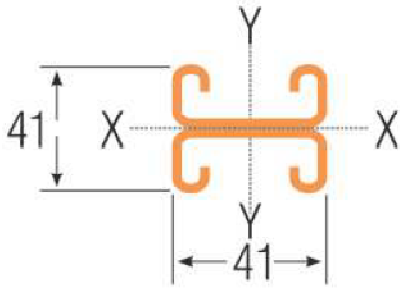


## Back-to-Back Strut Product Data Sheet

Product Range	Metal Strut	<p>Image for reference only</p>  <p>41x41 Channel</p>
Description	Slotted and Plain Combination Channel	
Key Features	<p>2.5mm gauge only</p> <p>Supplied in lengths of 3m and 6m</p> <p>Range of fittings available</p> <p>All Brackets are manufactured from 40x5mm or 40x6mm thick steel that complies with BS EN 1011</p> <p>Brackets have minimum yield stress of 170 N/mm<sup>2</sup></p> <p>All Brackets are 40mm Wide and have 14mm holes to accept M12 setscrews</p>	
Dimensions	41 x 41 x 3m or 6m options	
Material(s)	<p>Pre-Galvanised Mild Steel to BS EN 10326</p> <p>or</p> <p>Hot Dip Galvanised after manufacture to BS EN ISO 1461</p>	
Compliance / Standards(s)	<p>CE and UKCA compliant</p> <p>BS 7671:2018</p> <p>BS 6946</p> <p>BS 5950</p>	
Packaging	Recyclable	

## 41 x 41 Channel Loading Characteristics

Span or Column Unsupported High in mm	Uniform Load at 175 N/mm <sup>2</sup> Stress. Kg	Deflection in mm at 175N/mm <sup>2</sup>	Uniform Load at Max. Deflec. of 1/200th. Span. Kg	Uniform Load at Max. Deflec. of 1/360th. Span. Kg	Max. Load of Column Loaded @ Centroid kg	Max. Load of Column Loaded @ slot face kg
250	1558	0.26	-	-	8228	1834
500	779	1.07	-	-	7740	1809
750	519	2.42	-	446	6865	1756
1000	389	4.30	-	251	5367	1639
1250	311	6.72	289	160	3882	1468
1500	259	9.68	201	111	2838	1289
1750	222	13.18	147	82	2143	1123
2000	194	17.21	113	62	(1668)	(977)
2250	173	21.79	89	49	(1334)	(852)
2500	155	26.90	72	40	(1090)	(745)
2750	141	32.55	59	33	(906)	(655)
3000	129	38.73	50	27	-	-

## Sustainability

All Strut and fittings are manufactured from 100% recyclable material.