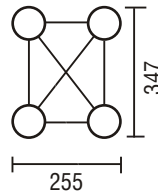


Slick Lite Truss Mini Beam



Minibeam is a small, medium-duty, extremely compact trussing system which employs the standard, fork end fitting joint, which is quick and easy to connect with the use of Slick truss pins and conforms to the latest EN and DIN standards. Mini Beam is available in both imperial and metric modules. Also in the Minibeam range is the recently introduced universal corner.

Mini Beam has an impressive strength to weight ratio, being able to typically take 1708kg uniform load on a 10m span and with its small size can be easily managed; this is very useful when truck space is tight.



Load Table

Span (metres)	4	6	8	10	12	14
UDL kg	4481	2954	2181	1708	1387	1152
DEFL mm	10	22	39	60	87	118
CPL kg	2240	1477	1090	854	693	576
DEFL mm	8	17	31	48	70	95
TPL kg	1680	1107	817	640	520	432
DEFL mm	10	22	39	62	89	121
QPL kg	1120	738	545	427	346	288
DEFL mm	9	21	37	57	82	112

- All loads are given in Kilograms
- Allowance has been made for self-weight of truss
- The payload of the truss has been calculated as a permanent action. Should it be necessary to consider the payload as a variable action, the tabulated figures should be reduced to 90% of the given values

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Material Specifications

Main Chord:	48.4mm x 4.47 mm
Braces:	25.44mm x 3.25mm
Material Specifications:	EN AW-6082 T6
Fixings:	Fork End : TP pins & R3 Clips

Accessories

Circles
Hinges and Swivels
Bespoke Lengths
Ladder Sections

Item Codes, Weights and Dimensions

MB1	Min beam 1ft Truss Section	390mm x 347mm x 255mm	7kg
MB2	Minibeam 2ft Truss Section	666mm x 347mm x 255mm	8.8kg
MB4	Minibeam 4ft Truss Section	1243mm x 347mm x 255mm	13.6kg
MB6	Minibeam 6ft Truss Section	1820mm x 347mm x 255mm	19kg
MB8	Minibeam 8ft Truss Section	2400mm x 347mm x 255mm	23.3kg
MB100	Minibeam 1m Truss Section	1000mm x 347mm x 255mm	8.5kg
MB200	Minibeam 2m Truss Section	2000mm x 347mm x 255mm	19kg
MB300	Minibeam 3m Truss Section	3000mm x 347mm x 255mm	31kg
MB400	Minibeam 4m Truss Section	4000mm x 347mm x 255mm	37.5kg
MB4W	Minibeam 4 way Corner Section	447mm x 447mm x 347mm	8.5kg

Design Specification

Manufactured in accordance with

BS EN 1090-3:2008 : Technical Requirements for aluminium structures

EN ISO 9001:2008 : Quality management systems

BS118 The Structural Use of Aluminium

CE Certified

