

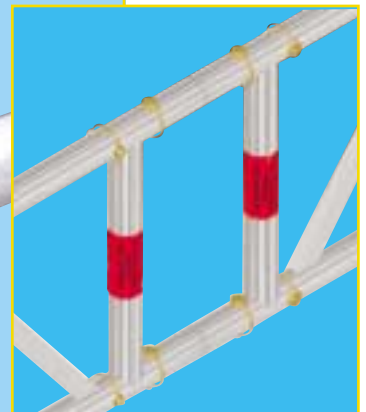


Generation Layher beams

genuine high strength lightweight aluminium solutions



High Load
max moment 13.94 kNm
max shear 12.32kN



Spring Clips
and spigots for
fast connection

LARGE
stocks

COMPETITIVELY
priced

INDUSTRY
standard

FULL
range

Layher

More possible with the Scaffold System

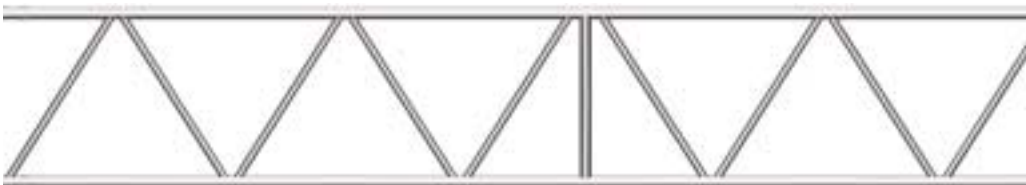
www.generationhireandsale.co.uk

Generation Layher beams

genuine high strength lightweight aluminium solutions



Generation are pleased to offer the range of **Layher 450mm Beams** in 8m, 6m and 4m sizes, to compliment the need for a high capacity lightweight beam. The original **Layher Beam** is available through the Generation nationwide network of branches.



Birmingham Tel: 0121 544 3355
Fax: 0121 544 3131

Bristol Tel: 0117 972 4550
Fax: 0117 972 4502

Cardiff Tel: 029 2046 3835
Fax: 029 2046 3246

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Fax: 01489 894455

Stockport Tel: 0161 477 0131
Fax: 0161 477 7618

Taplow Tel: 01628 673835
(Thames Valley) Fax: 01628 634788

Safe Load Tables

Top chord restraint interval = 1.0m

Maximum Moment: 13.94 KNm

Maximum Shear: 12.32 KN

		Span (m)									
		3	4	5	6	7	8	9	10	11	12
Uniformly Distributed Load	KN/m	8.21	6.15	4.43	3.06	2.24	1.71	1.34	1.08	0.88	0.74
Single Point Load, mid-span	KN	18.50	13.84	11.03	9.16	7.81	6.80	6.00	5.37	4.84	4.40
Two Point Loads, third span	KN	12.32	10.43	8.31	6.90	5.89	5.12	4.52	4.04	3.64	3.31
Three Point Loads, quarter span	KN	8.13	6.92	5.52	4.58	3.90	3.40	3.00	2.68	2.42	2.20

Material Alloy 6082 to Self Weight 0.045KN/m
DIN ISO 9001/EN29 001.

Use of Beams in a Load Bearing application should be subject of a structural design.



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