

**102 mm
OUTER LEAF**



Timber Frame Lintel

Designed for use in timber frame construction the L7 lintel provides support to the outer leaf to brickwork over openings.

INSTALLATION

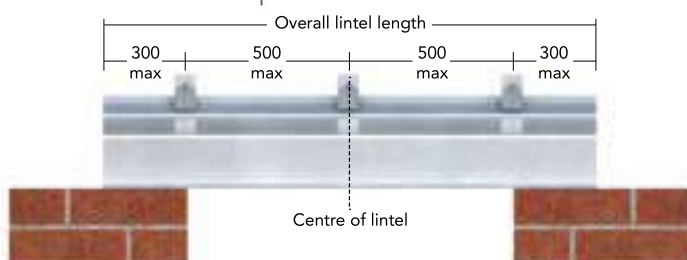
Installation of IG's L7, L7/HD and L7/XHD are all similar.

All Timber frame lintels must be installed with restraining clips and a timber pinch batten to prevent rotation of the lintel during the building stage. Propping may be used to facilitate speed of construction.

To achieve the loading figures shown, the L7 lintel must be secured with restraining clips and a timber pinch batten (not supplied) must be used to prevent lateral deflection (rotation) during the building stage. A single timber pinch batten 300mm long at mid span will be sufficient.

IG timber frame restraint clips are supplied free of charge and must be fixed to the timber frame structure by 3.3mm x 50mm galvanised nails. Allowance should be made for the movement of the timber frame structure due to settlement and shrinkage. Lateral restraint clip should be placed at 500mm centres each side of mid span.

Position of lintel restraint clips



Clearance



EXTRA HEAVY DUTY LOADS

L7/XHD

For use with timber frame construction. The L7/XHD lintel must be used in conjunction with lateral restraint clips as shown, to prevent twisting. The L7/XHD range can be supplied to suit wider cavities: e.g. specify L7/XHD 75, L7/XHD 100. Lintels may be propped to facilitate speed of construction.

Cavity Wall - Timber Frame

Available for cavity widths **50mm to 105mm**

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INNER LEAF

**Timber Frame
by others**



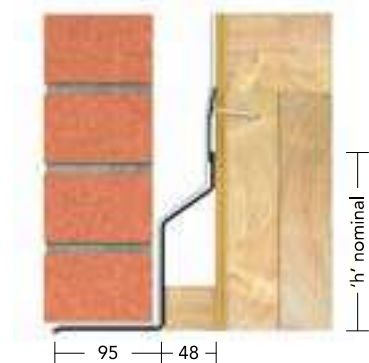
L7

For use with timber frame construction. The L7 lintel must be used in conjunction with lateral restraint clips and a tight fitting timber batten, as shown, to prevent twisting. The L7 range can be supplied to suit wider cavities: e.g. specify L7/75, L7/100. Lintels may be propped to facilitate speed of construction.

Standard Load

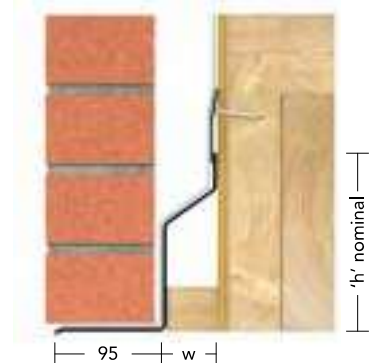
L7/50 Cavity widths 50-65mm					
Manufactured length 150mm increments	600- 1200	1350- 1800	1950- 2400	2550- 3600	3750- 4800
Height 'h'	110	111	136	187	252
Thickness	2.0	2.5	2.5	2.8	3.0
Total UDL kN	4	5	5	9	12

50-65mm cavity



L7/75 Cavity widths 70-85mm				
Manufactured length 150mm increments	600- 1650	1800- 2400	2550- 3000	3150- 4800
Height 'h'	118	173	203	264
Thickness	2.5	2.5	2.9	3.2
Total UDL kN	5	8	9	12

Specified cavity width



L7/100 Cavity widths 90-105mm				
Manufactured length 150mm increments	600- 1650	1800- 2400	2550- 3000	3150- 4800
Height 'h'	121	166	197	257
Thickness	2.5	2.5	2.9	3.2
Total UDL kN	5	8	9	12

L7/75 W = 68mm Cavity widths 70-85mm

L7/100 W = 88mm Cavity widths 90-105mm

Cavity Wall - Timber Frame

Available for cavity widths **50mm to 105mm**

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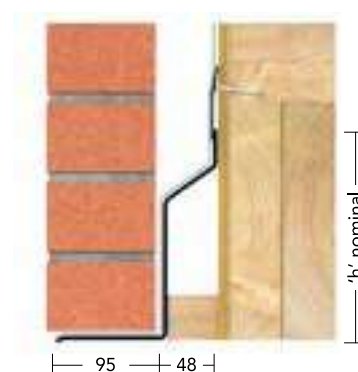
L7/HD

For use with timber frame construction. The L7/HD lintel must be used in conjunction with lateral restraint clips and a tight fitting timber batten, as shown, to prevent twisting. The L7/HD range can be supplied to suit wider cavities: e.g. specify L7/HD 75, L7/HD 100. Lintels may be propped to facilitate speed of construction.

Heavy Duty Load

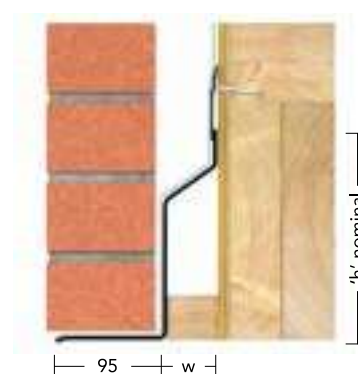
L7/HD 50 Cavity widths 50-65mm			
Manufactured length 150mm increments	600- 1650	1800- 2400	2550- 3000
Height 'h'	161	199	252
Thickness	2.5	2.9	3.2
Total UDL kN	10	12	12

50-65mm cavity



L7/HD 75 Cavity widths 70-85mm			
Manufactured length 150mm increments	600- 1650	1800- 2400	2550- 3000
Height 'h'	173	203	264
Thickness	2.5	2.9	3.2
Total UDL kN	10	12	12

Specified cavity width



L7/HD 100 Cavity widths 90-105mm			
Manufactured length 150mm increments	600- 1650	1800- 2400	2550- 3000
Height 'h'	166	197	258
Thickness	2.5	2.9	3.2
Total UDL kN	10	12	12

L7/HD 75 W = 68mm Cavity widths 70-85mm

L7/HD 100 W = 88mm Cavity widths 90-105mm