



FULL LINTEL RANGE

COMPLETE GUIDE TO THE IG STANDARD LINTEL RANGE



100mm Inner Leaf Lintel

100mm
INNER LEAF



Please use this table to identify the Lintel code required based on cavity width and loading. Contact our technical department for more details on these lintel options. Please note that only a selection of the range is illustrated in this manual.

100mm Inner Leaf

		LOADING					
CAVITY WIDTH	Cavity Width (mm)	Standard	Heavy Duty	Heavy Duty	Extra Heavy Duty	Extra Heavy Duty	Extreme
	* 50 - 65	L1/S 50	L1/HD 50	L1/XHD 50	L5/ 50	L5/XHD 50	L6/ 50
	* 70 - 85	L1/S 75	L1/HD 75	L1/XHD 75	L5/ 75	L5/XHD 75	L6/ 75
	90 - 105	L1/S 100	L1/HD 100	L1/XHD 100	L5/ 100	L5/XHD 100	L6/ 100
	110 - 125	L1/S 110	L1/HD 110	L1/XHD 110	L5/ 110	L5/XHD 110	L6/ 110
	* 130 - 145	L1/S 130	L1/HD 130	L1/XHD 130	L5/ 130	L5/XHD 130	L6/ 130
	150 - 165	L1/S 150	L1/HD 150	L1/XHD 150	L5/ 150	L5/XHD 150	L6/ 150
							

Cavity Wall

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

100mm



L1/S

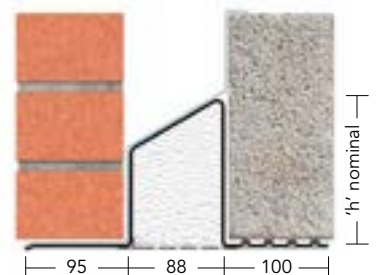
Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

Standard Load

L1/S 100 For cavity widths 90-105mm

Manufactured length 150mm increments	600- 1200	1350- 1500	1650- 1800	1950- 2100	2250- 2400	2550- 2700	2850- 3000	3150- 3600	3750- 4000	4200	4350- 4800
Height 'h'	87	87	107	123	148	161	173	199	199	199	217
Thickness	1.6	1.8	2.0	2.0	2.0	2.5	2.5	2.9	2.9	3.2	3.2
Total UDL kN 3:1	12	16	19	21	23	27	27	27	26	27	27
Total UDL kN 19:1	10	13	16	17	18	22	20	20	19	22	22

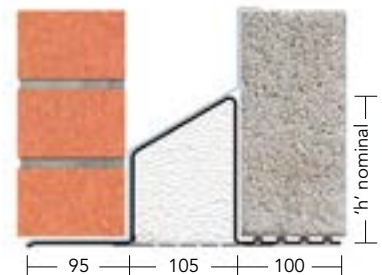
90-105mm cavity



L1/S 110 For cavity widths 110-125mm

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100	2250- 2700	2850- 3000	3150- 4000	4200- 4800
Height 'h'	100	112	125	163	196	197	214
Thickness	2.0	2.0	2.0	2.5	2.9	3.2	3.2
Total UDL kN 3:1	16	22	21	25	27	26	25
Total UDL kN 19:1	13	18	17	20	22	19	20

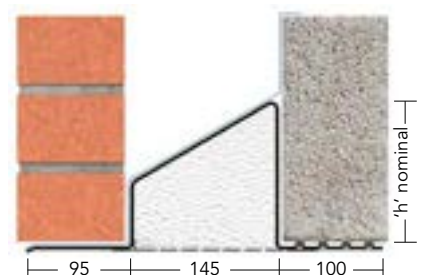
110-125mm cavity



L1/S 150 For cavity widths 150-165mm

Manufactured length 150mm increments	600- 1200	1350- 1500	1650- 1800	1950- 2100	2250- 2400	2550- 3000	3150- 3600	3750- 4000	4200- 4800
Height 'h'	86	86	120	120	149	150	175	176	194
Thickness	1.8	2.0	2.0	2.0	2.0	2.5	2.5	3.2	3.2
Total UDL kN 3:1	12	15	22	21	25	25	26	26	25
Total UDL kN 19:1	10	13	18	17	20	20	19	19	20

150-165mm cavity



Cavity Wall

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

100mm



L1/HD

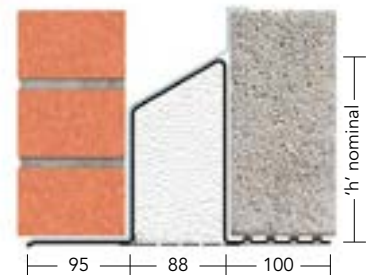
Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

Heavy Duty Load

L1/HD 100 For cavity widths 90-105mm

Manufactured length 150mm increments	600- 1200	1350- 1500	1650- 2100	2250- 2550	2700- 3000	3150- 3600	3750- 4200
Height 'h'	109	136	161	199	199	199	199
Thickness	2.9	2.9	2.9	2.9	3.2	3.2	3.2
Total UDL kN 3:1	30	30	40	40	40	35	33
Total UDL kN 19:1	22	22	35	35	35	32	28

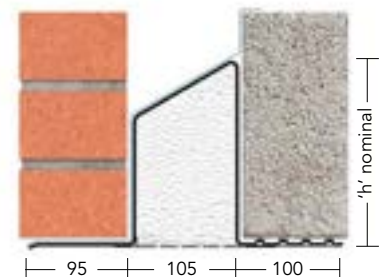
90-105mm cavity



L1/HD 110 For cavity widths 110-125mm

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 3600	3750- 4000
Height 'h'	126	151	197	197	197
Thickness	2.9	2.9	3.2	3.2	3.2
Total UDL kN 3:1	30	30	35	32	30
Total UDL kN 19:1	20	22	30	28	26

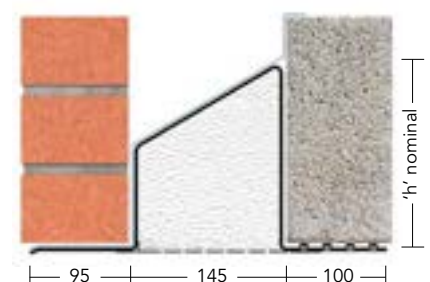
110-125mm cavity



L1/HD 150 For cavity widths 150-165mm

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 3600	3750- 4000
Height 'h'	126	156	180	180	194
Thickness	2.9	2.9	3.2	3.2	3.2
Total UDL kN 3:1	30	30	35	30	30
Total UDL kN 19:1	20	22	30	25	26

150-165mm cavity



Cavity Wall

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

100mm



L1/XHD

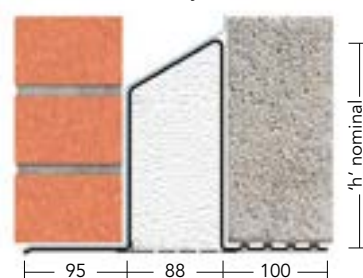
Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

Heavy Duty Load

L1/XHD 100 For cavity widths 90-105mm

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100	2250- 2700
Height 'h'	162	162	199	199
Thickness	3.2	3.2	3.2	3.2
Total UDL kN 3:1	50	50	55	50
Total UDL kN 19:1	45	45	45	40

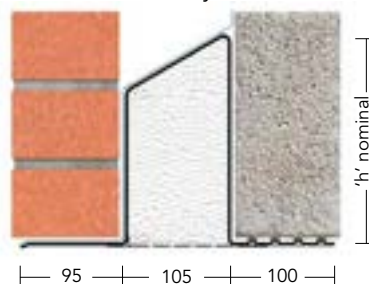
90-105mm cavity



L1/XHD 110 For cavity widths 110-125mm

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	151	151	197
Thickness	3.2	3.2	3.2
Total UDL kN 3:1	45	45	50
Total UDL kN 19:1	40	40	40

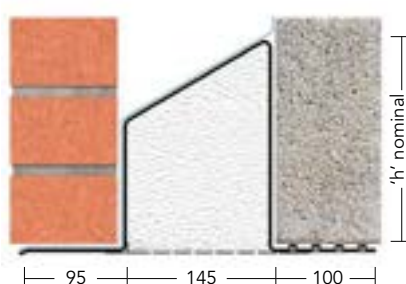
110-125mm cavity



L1/XHD 150 For cavity widths 150-165mm

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	156	156	194
Thickness	3.2	3.2	3.2
Total UDL kN 3:1	45	45	50
Total UDL kN 19:1	40	40	40

150-165mm cavity



Cavity Wall

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

100mm



L5

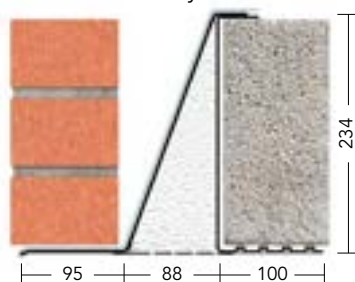
To achieve loading figures lintel must be built in with blockwork as shown. Ensure all perpendicular and horizontal joints are filled with mortar. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

Extra Heavy Duty Load

L5/100 For cavity widths 90-105mm

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

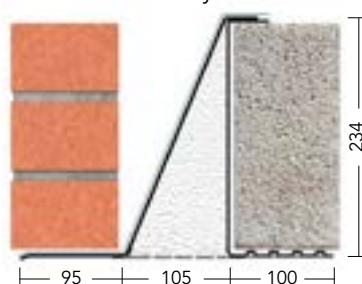
90-105mm cavity



L5/110 For cavity widths 110-125mm

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

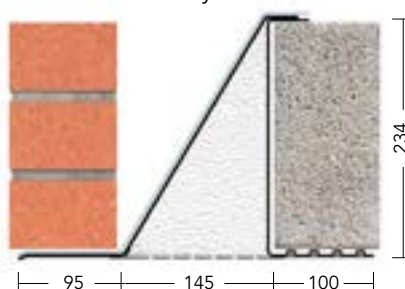
110-125mm cavity



L5/150 For cavity widths 150-165mm

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

150-165mm cavity



Cavity Wall

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

100mm



L5/XHD

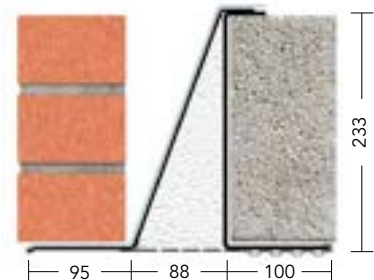
To achieve loading figures lintel must be built in with blockwork as shown. Ensure all perpendicular and horizontal joints are filled with mortar. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

Extra Heavy Duty Load

L5/XHD 100 For cavity widths 90-105mm

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600	3750- 4800-
Height 'h'	233	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	100	90	80	65	50

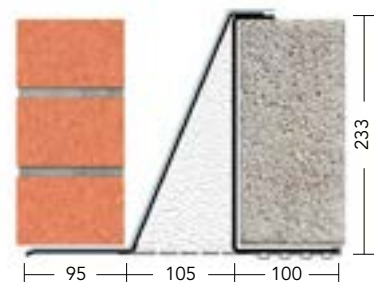
90-105mm cavity



L5/XHD 110 For cavity widths 110-125mm

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600	3750- 4800-
Height 'h'	233	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	100	90	80	65	50

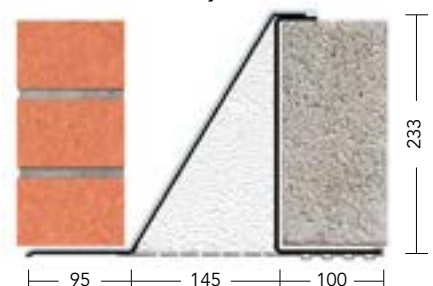
110-125mm cavity



L5/XHD 150 For cavity widths 150-165mm

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600	3750- 4800-
Height 'h'	233	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	100	90	80	65	50

150-165mm cavity



Cavity Wall

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

100mm



L6

To achieve loading figures lintel must be laterally restrained. Lintels may be propped to facilitate speed of construction.

Galvanised steel flange to outer leaf.

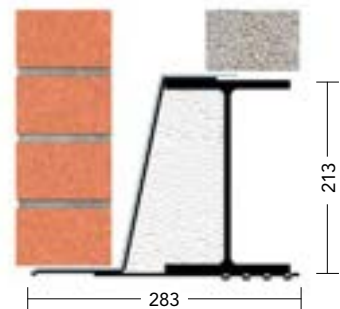
Extreme Load

L6/100

For cavity widths 90-105mm

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN	95	80	70	62	55	50	45	40

90-105mm cavity

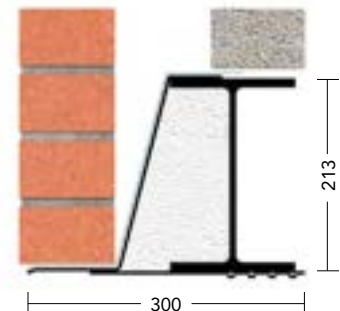


L6/110

For cavity widths 110-125mm

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN	95	80	70	62	55	50	45	40

110-125mm cavity

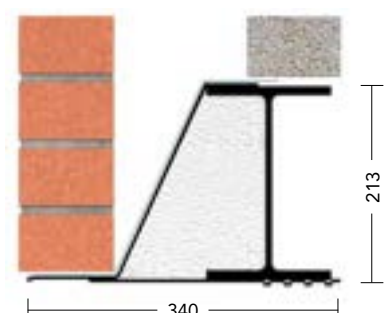


L6/150

For cavity widths 150-165mm

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN	95	80	70	62	55	50	45	40

150-165mm cavity



Wide Inner Leaf Lintel

125 - 150mm
INNER LEAF

215mm
INNER LEAF



Please use this table to identify the Lintel code required based on cavity width and loading. Contact our technical department for more details on these lintel options. Please note that only a selection of the range is illustrated in this manual.

125mm - 150mm Inner Leaf

		LOADING					
CAVITY WIDTH	Cavity Width (mm)	Standard	Heavy Duty	Heavy Duty	Extra Heavy Duty	Extra Heavy Duty	Extreme
	* 50 - 65*	L1/S 50 WIL	L1/HD 50 WIL	L1/XHD 50 WIL	L5/ 50 WIL	L5/XHD 50 WIL	L6/ 50 WIL
	* 70 - 85*	L1/S 75 WIL	L1/HD 75 WIL	L1/XHD 75 WIL	L5/ 75 WIL	L5/XHD 75 WIL	L6/ 75 WIL
	90 - 105	L1/S 100 WIL	L1/HD 100 WIL	L1/XHD 100 WIL	L5/ 100 WIL	L5/XHD 100 WIL	L6/ 100 WIL
	110 - 125	L1/S 110 WIL	L1/HD 110 WIL	L1/XHD 110 WIL	L5/ 110 WIL	L5/XHD 110 WIL	L6/ 110 WIL
	* 130 - 145*	L1/S 130 WIL	L1/HD 130 WIL	L1/XHD 130 WIL	L5/ 130 WIL	L5/XHD 130 WIL	L6/ 130 WIL
	150 - 165	L1/S 150 WIL	L1/HD 150 WIL	L1/XHD 150 WIL	L5/ 150 WIL	L5/XHD 150 WIL	L6/ 150 WIL
							

215mm Inner Leaf

		LOADING		
CAVITY WIDTH	Cavity Width (mm)	Standard Loading	Heavy Duty Loading	Extreme Loading
	* 50 - 65*	L1/S 50 WIL 215	L1/HD 50 WIL 215	L6/ 50 WIL 215
	* 70 - 85*	L1/S 75 WIL 215	L1/HD 75 WIL 215	L6/ 75 WIL 215
	90 - 105	L1/S 100 WIL 215	L1/HD 100 WIL 215	L6/ 100 WIL 215
	110 - 125	L1/S 110 WIL 215	L1/HD 110 WIL 215	L6/ 110 WIL 215
	* 130 - 145*	L1/S 130 WIL 215	L1/HD 130 WIL 215	L6/ 130 WIL 215
	150 - 165	L1/S 150 WIL 215	L1/HD 150 WIL 215	L6/ 150 WIL 215
				

Cavity Wall - Wide Inner Leaf

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

125mm -
150mm



L1/S WIL

Lintels may be propped to facilitate speed of construction.
Inner leaf block should not overhang the lintel flange by more than 25mm.

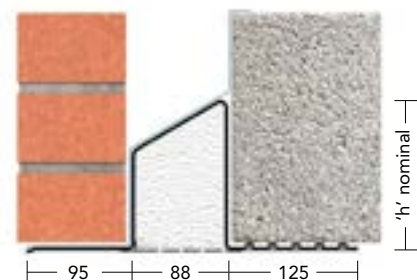
Standard Load

For 150mm wide inner leaf blockwork.

L1/S 100 WIL

Manufactured length 150mm increments	600- 1200	1350- 1800	1950- 2400	2550- 3000	3150- 3600	3750- 4200
Height 'h'	95	107	148	173	187	187
Thickness	2.0	2.0	2.0	2.5	3.2	3.2
Total UDL kN 3:1	13	17	23	24	30	27
Total UDL kN 19:1	11	14	18	18	26	25

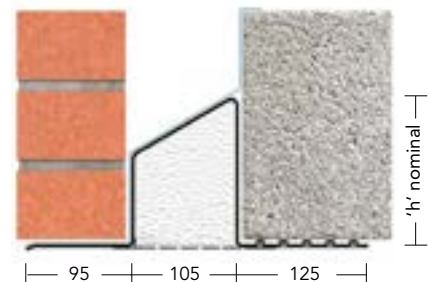
90-105mm cavity



L1/S 110 WIL

Manufactured length 150mm increments	600- 1200	1350- 1800	1950- 2100	2250- 3000	3150- 4000
Height 'h'	100	112	150	184	184
Thickness	2.0	2.0	2.5	2.9	3.2
Total UDL kN 3:1	13	17	23	24	24
Total UDL kN 19:1	11	14	18	18	17

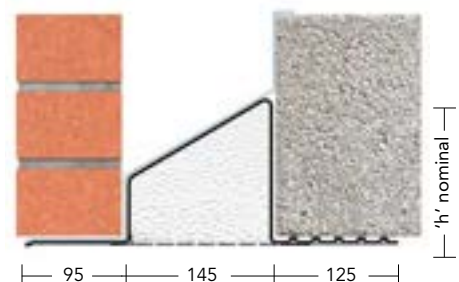
110-125mm cavity



L1/S 150 WIL

Manufactured length 150mm increments	600- 1200	1350- 1800	1950- 2100	2250- 3000	3150- 4000
Height 'h'	91	120	167	167	168
Thickness	2.0	2.0	2.5	2.9	3.2
Total UDL kN 3:1	13	17	23	24	24
Total UDL kN 19:1	11	14	18	18	17

150-165mm cavity



Cavity Wall - Wide Inner Leaf

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

125mm - 150mm



L1/HD WIL

Lintels may be propped to facilitate speed of construction.
Inner leaf block should not overhang the lintel flange by more than 25mm. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load.

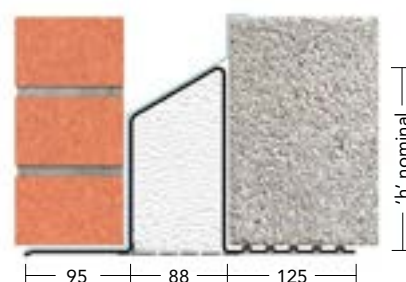
Heavy Duty Load

For 150mm wide inner leaf blockwork.

L1/HD 100 WIL

Manufactured length 150mm increments	600- 1350	1500- 1800	1950- 2100	2250- 2700
Height 'h'	119	146	186	187
Thickness	2.9	2.9	2.9	3.2
Total UDL kN 3:1	20	35	30	36
Total UDL kN 19:1	17	27	25	32

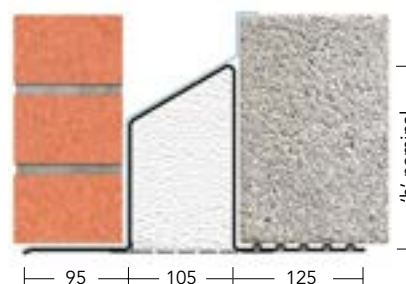
90-105mm cavity



L1/HD 110 WIL

Manufactured length 150mm increments	600- 1350	1500- 1800	1950- 2100	2250- 2700
Height 'h'	134	151	196	197
Thickness	2.9	2.9	2.9	3.2
Total UDL kN 3:1	20	30	30	36
Total UDL kN 19:1	17	25	25	32

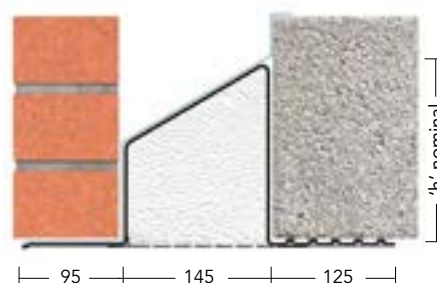
110-125mm cavity



L1/HD 150 WIL

Manufactured length 150mm increments	600- 1350	1500- 1800	1950- 2100	2250- 2700
Height 'h'	122	167	180	201
Thickness	2.9	2.9	2.9	3.2
Total UDL kN 3:1	20	30	30	36
Total UDL kN 19:1	17	25	25	32

150-165mm cavity



Cavity Wall - Wide Inner Leaf

Available for cavity widths from **50mm to 165mm**

OUTER LEAF

102mm

INNER LEAF

**125mm -
150mm**



L1/XHD WIL

Lintels may be propped to facilitate speed of construction.

Inner leaf block should not overhang the lintel flange by more than 25mm. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load.

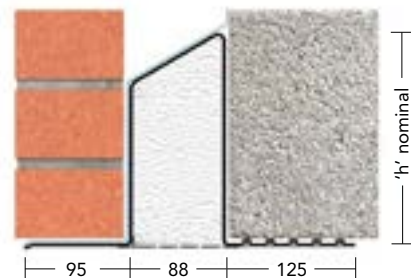
Heavy Duty Load

For 150mm wide inner leaf blockwork.

L1/XHD 100 WIL

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	174	187	187
Thickness	3.2	3.2	3.2
Total UDL kN 3:1	45	50	50
Total UDL kN 19:1	40	40	40

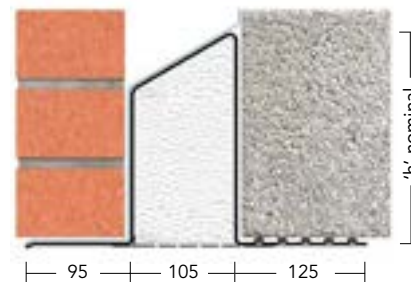
90-105mm cavity



L1/XHD 110 WIL

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	184	197	197
Thickness	3.2	3.2	3.2
Total UDL kN 3:1	45	50	50
Total UDL kN 19:1	40	40	40

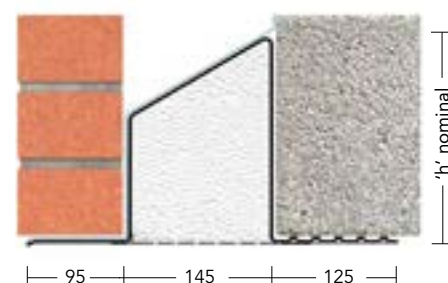
110-125mm cavity



L1/XHD 150 WIL

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	180	201	201
Thickness	3.2	3.2	3.2
Total UDL kN 3:1	45	50	50
Total UDL kN 19:1	40	40	40

150-165mm cavity



Cavity Wall - Wide Inner Leaf

Available for cavity widths from **50mm to 165mm**

OUTER LEAF

102mm

INNER LEAF

125mm - 150mm



L5/ WIL

To achieve loading figures lintel must be built in with blockwork as shown. Ensure all perpendicular and horizontal joints are filled with mortar. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

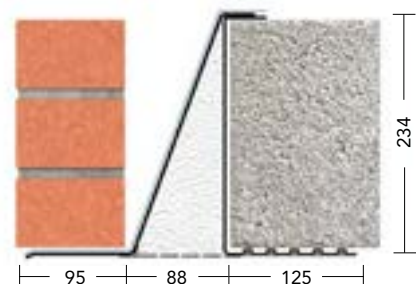
Extra Heavy Duty Load

For 150mm wide inner leaf blockwork.

L5/100 WIL

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

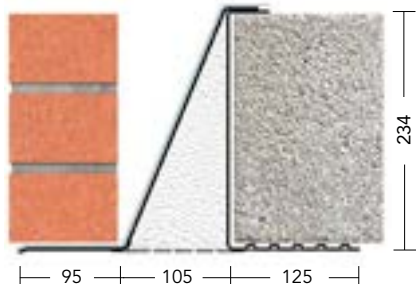
90-105mm cavity



L5/110 WIL

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

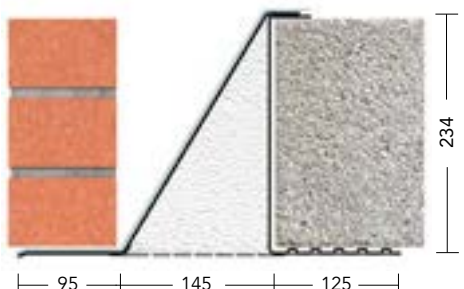
110-125mm cavity



L5/150 WIL

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

150-165mm cavity



Cavity Wall - Wide Inner Leaf

Available for cavity widths from **50mm to 165mm**

OUTER LEAF

102mm

INNER LEAF

**125mm -
150mm**



L5/XHD WIL

To achieve loading figures lintel must be built in with blockwork as shown. Ensure all perpendicular and horizontal joints are filled with mortar. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

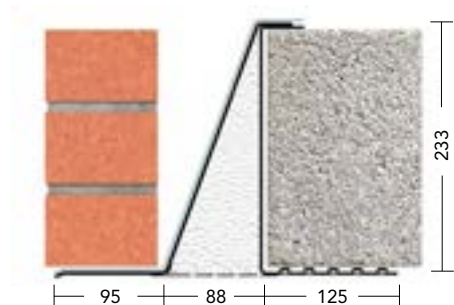
Extra Heavy Duty Load

For 150mm wide inner leaf blockwork.

L5/XHD 100 WIL

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600
Height 'h'	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2
Total UDL kN 19:1	100	90	80	65

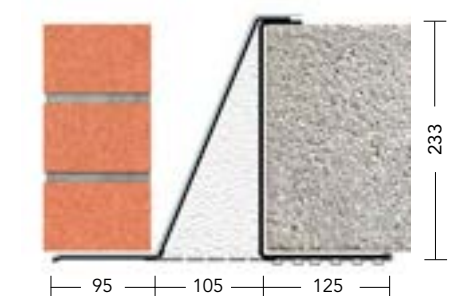
90-105mm cavity



L5/XHD 110 WIL

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600
Height 'h'	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2
Total UDL kN 19:1	100	90	80	65

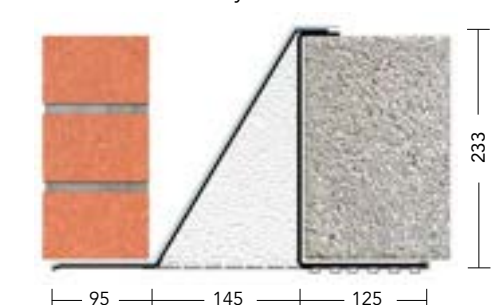
110-125mm cavity



L5/XHD 150 WIL

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600
Height 'h'	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2
Total UDL kN 19:1	100	90	80	65

150-165mm cavity



Cavity Wall - Wide Inner Leaf

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

125mm - 150mm



L6 / WIL

To achieve loading figures lintel must be laterally restrained. Lintels may be propped to facilitate speed of construction. Galvanised steel flange to outer leaf. For 125mm wide inner leaf cross section may vary.

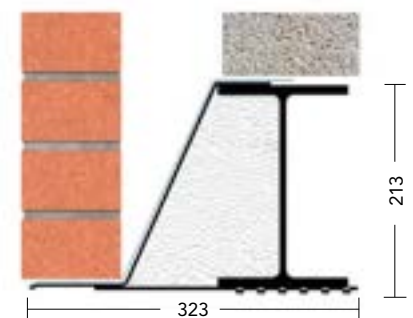
Extreme Load

For 150mm wide inner leaf blockwork.

L6/100 WIL

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

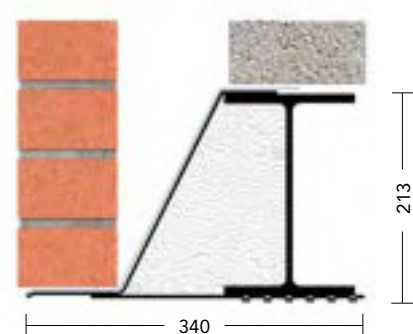
90-105mm cavity



L6/110 WIL

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

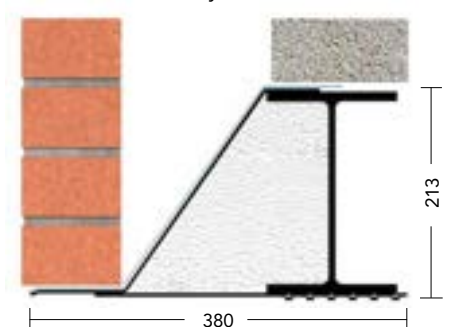
110-125mm cavity



L6/150 WIL

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

150-165mm cavity



Cavity Wall - Wide Inner Leaf 215

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

215mm



L1/S WIL 215

Lintels may be propped to facilitate speed of construction.
Inner leaf block should not overhang the lintel flange by more than 25mm.

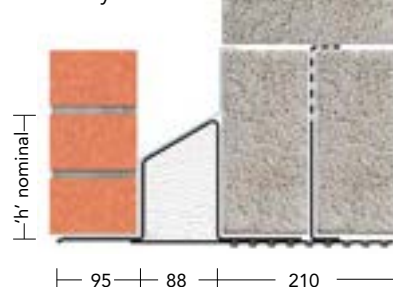
Standard Load

For 215mm wide inner leaf blockwork.

L1/S 100 WIL 215

Manufactured length 150mm increments	600- 1350	1500- 1650	1800- 2100	2250- 2400	2550- 2700	2850- 3000	3150- 4000
Height 'h'	108	108	136	161	161	199	199
Thickness	2.5	2.5	2.5	2.5	2.9	2.9	2.9
Total UDL kN 3:1	25	25	30	35	40	40	40
Total UDL kN 19:1	20	20	25	30	35	35	35
Fin Height	100	120	175	227	227	227	227

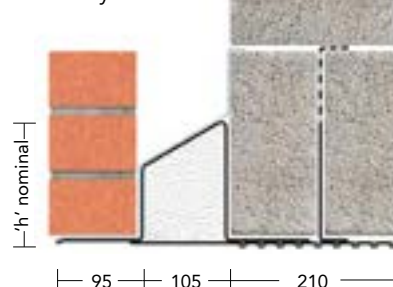
90-105mm
cavity



L1/S 110 WIL 215

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100	2250- 3000	3150- 4000
Height 'h'	100	125	150	196	197
Thickness	2.5	2.5	2.5	2.9	3.2
Total UDL kN 3:1	25	25	30	35	40
Total UDL kN 19:1	20	20	25	30	35
Fin Height	120	140	175	227	227

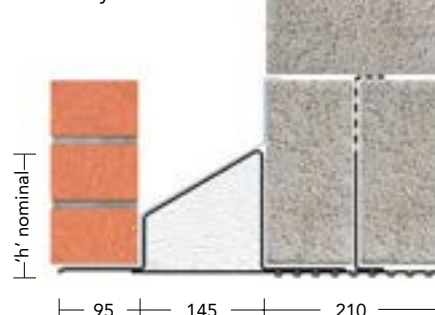
110-125mm
cavity



L1/S 150 WIL 215

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100	2250- 3000	3150- 4000
Height 'h'	104	134	175	193	194
Thickness	2.5	2.5	2.5	2.9	3.2
Total UDL kN 3:1	25	25	30	35	40
Total UDL kN 19:1	20	20	25	30	35
Fin Height	120	140	175	227	227

150-165mm
cavity



Cavity Wall - Wide Inner Leaf 215

Available for cavity widths from **50mm to 165mm**

OUTER LEAF

102mm

INNER LEAF

215mm



L1/HD WIL 215

Lintels may be propped to facilitate speed of construction.
Inner leaf block should not overhang the lintel flange by more than 25mm.

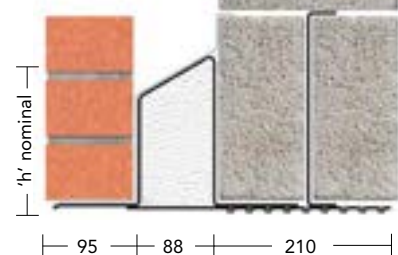
Heavy Duty Load

For 215mm wide inner leaf blockwork.

L1/HD 100 WIL 215

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	147	198	199
Thickness	2.5	2.5	2.9
Total UDL kN 3:1	40	45	50
Total UDL kN 19:1	35	40	45
Fin Height	175	227	227

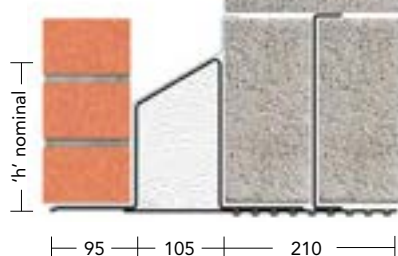
90-105mm
cavity



L1/HD 110 WIL 215

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	150	196	197
Thickness	2.5	2.9	3.2
Total UDL kN 3:1	40	45	50
Total UDL kN 19:1	35	40	45
Fin Height	175	227	227

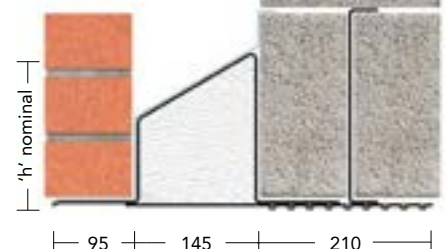
110-125mm
cavity



L1/HD 150 WIL 215

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	175	193	194
Thickness	2.5	2.9	3.2
Total UDL kN 3:1	40	45	50
Total UDL kN 19:1	35	40	45
Fin Height	175	227	227

150-165mm
cavity



Cavity Wall - Wide Inner Leaf 215

Available for cavity widths from 50mm to 165mm

OUTER LEAF

102mm

INNER LEAF

215mm



L6/ WIL 215

To achieve loading figures lintel must be laterally restrained. Lintels may be propped to facilitate speed of construction. Galvanised steel flange to outer leaf.

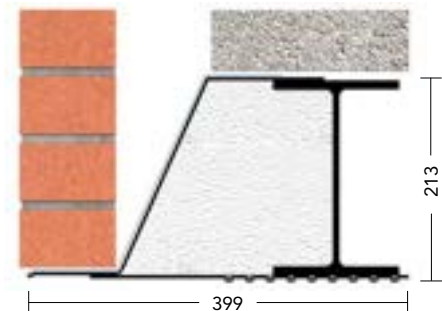
Extreme Load

For 215mm wide inner leaf blockwork.

L6/100 WIL 215

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

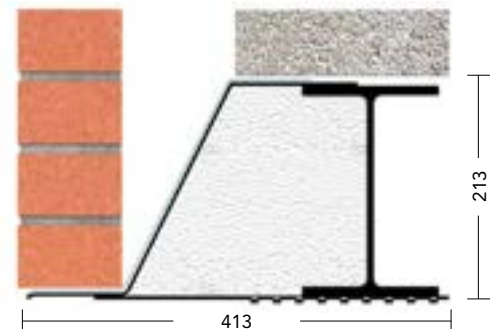
90-105mm cavity



L6/110 WIL 215

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

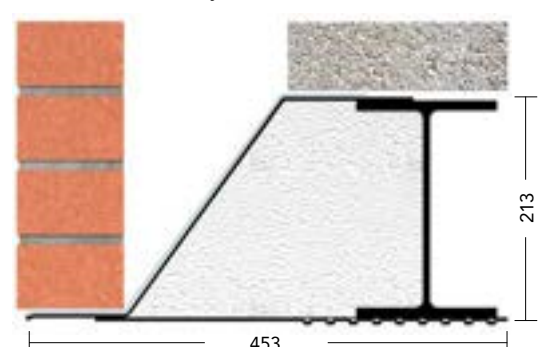
110-125mm cavity



L6/150 WIL 215

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

150-165mm cavity



Wide Outer Leaf Lintel

125 - 150mm
OUTER LEAF

215mm
OUTER LEAF



Please use this table to identify the Lintel code required based on cavity width and loading. Contact our technical department for more details on these lintel options. Please note that only a selection of the range is illustrated in this manual.

125mm - 150mm Outer Leaf

		LOADING					
CAVITY WIDTH	Cavity Width (mm)	Standard	Heavy Duty	Heavy Duty	Extra Heavy Duty	Extra Heavy Duty	Extreme
	* 50 - 65	L1/S 50 WOL	L1/HD 50 WOL	L1/XHD 50 WOL	L5/ 50 WOL	L5/XHD 50 WOL	L6/ 50 WOL
	* 70 - 85	L1/S 75 WOL	L1/HD 75 WOL	L1/XHD 75 WOL	L5/ 75 WOL	L5/XHD 75 WOL	L6/ 75 WOL
	90 - 105	L1/S 100 WOL	L1/HD 100 WOL	L1/XHD 100 WOL	L5/ 100 WOL	L5/XHD 100 WOL	L6/ 100 WOL
	110 - 125	L1/S 110 WOL	L1/HD 110 WOL	L1/XHD 110 WOL	L5/ 110 WOL	L5/XHD 110 WOL	L6/ 110 WOL
	* 130 - 145	L1/S 130 WOL	L1/HD 130 WOL	L1/XHD 130 WOL	L5/ 130 WOL	L5/XHD 130 WOL	L6/ 130 WOL
	150 - 165	L1/S 150 WOL	L1/HD 150 WOL	L1/XHD 150 WOL	L5/ 150 WOL	L5/XHD 150 WOL	L6/ 150 WOL
							

215mm Outer Leaf

		LOADING
CAVITY WIDTH	Cavity Width (mm)	Standard
	* 50 - 65	L1/S 50 WOL 215
	* 70 - 85	L1/S 75 WOL 215
	90 - 105	L1/S 100 WOL 215
	110 - 125	L1/S 110 WOL 215
	* 130 - 145	L1/S 130 WOL 215
	150 - 165	L1/S 150 WOL 215
		

Cavity Wall - Wide Outer Leaf

Available for cavity widths from 50mm to 165mm

OUTER LEAF

125mm -
150mm

INNER LEAF

100mm



L1/S WOL

Lintels may be propped to facilitate speed of construction.

Maximum overhang of 30mm on outer leaf. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load.

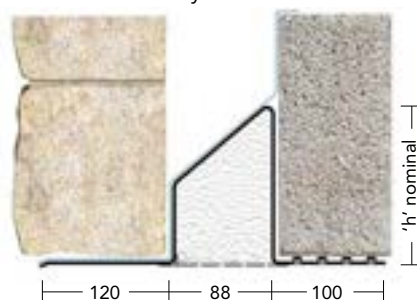
Standard Load

For 150mm wide outer leaf blockwork/stonework.

L1/S 100 WOL

Manufactured length 150mm increments	600- 1350	1500- 1650	1800- 2100	2250- 2700	2850- 3000	3150- 3600
Height 'h'	95	108	161	186	186	187
Thickness	2.5	2.5	2.5	2.9	2.9	3.2
Total UDL kN 3:1	14	15	23	30	32	30
Total UDL kN 19:1	11	13	18	22	30	26

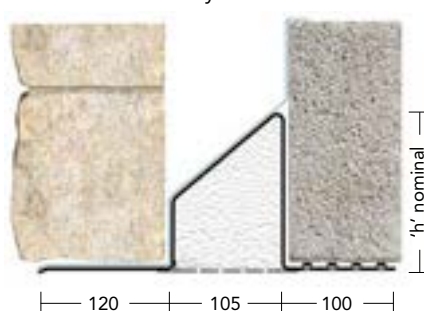
90-105mm cavity



L1/S 110 WOL

Manufactured length 150mm increments	600- 1350	1500- 1650	1800- 2100	2250- 2700	2850- 3000	3150- 3600
Height 'h'	100	113	150	184	184	184
Thickness	2.5	2.5	2.5	2.9	3.2	3.2
Total UDL kN 3:1	14	15	23	30	32	30
Total UDL kN 19:1	11	13	18	22	30	26

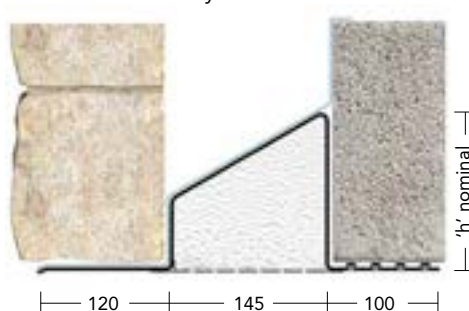
110-125mm cavity



L1/S 150 WOL

Manufactured length 150mm increments	600- 1350	1500- 1650	1800- 2100	2250- 2700	2850- 3000	3150- 3600
Height 'h'	92	121	171	172	172	172
Thickness	2.5	2.5	2.5	2.9	3.2	3.2
Total UDL kN 3:1	14	15	23	30	32	30
Total UDL kN 19:1	11	13	18	22	30	26

150-165mm cavity



Cavity Wall - Wide Outer Leaf

Available for cavity widths from 50mm to 165mm

OUTER LEAF

125mm -
150mm

INNER LEAF

100mm



L1/HD WOL

Lintels may be propped to facilitate speed of construction.

Maximum overhang of 30mm on outer leaf. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load.

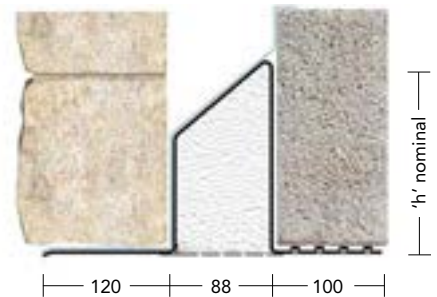
Heavy Duty Load

For 150mm wide outer leaf blockwork/stonework.

L1/HD 100 WOL

Manufactured length 150mm increments	600- 1350	1500- 1800	1950- 2100	2250- 2700
Height 'h'	124	149	186	187
Thickness	2.9	2.9	2.9	3.2
Total UDL kN 3:1	20	30	30	36
Total UDL kN 19:1	17	25	25	32

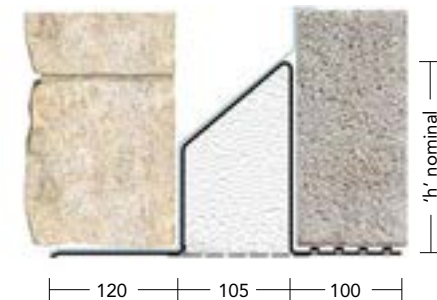
90-105mm cavity



L1/HD 110 WOL

Manufactured length 150mm increments	600- 1350	1500- 1800	1950- 2100	2250- 2700
Height 'h'	134	151	196	197
Thickness	2.9	2.9	2.9	3.2
Total UDL kN 3:1	20	30	30	36
Total UDL kN 19:1	17	25	25	32

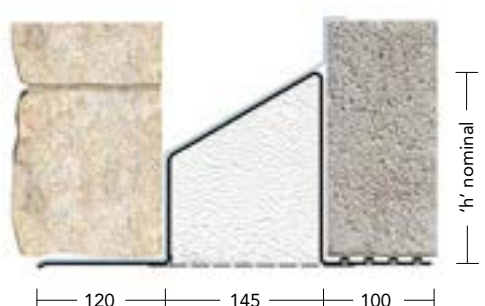
110-125mm cavity



L1/HD 150 WOL

Manufactured length 150mm increments	600- 1350	1500- 1800	1950- 2100	2250- 2700
Height 'h'	122	167	180	201
Thickness	2.9	2.9	2.9	3.2
Total UDL kN 3:1	20	30	30	36
Total UDL kN 19:1	17	25	25	32

150-165mm cavity



Cavity Wall - Wide Outer Leaf

Available for cavity widths from 50mm to 165mm

OUTER LEAF

125mm -
150mm

INNER

LEAF
100mm



L1/XHD WOL

Lintels may be propped to facilitate speed of construction. See Lintel Installation on page 6. Maximum overhang of 30mm on outer leaf. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load.

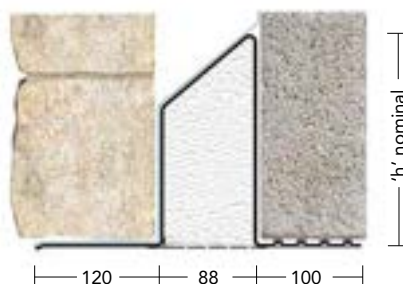
Heavy Duty Load

For 150mm wide outer leaf blockwork/stonework.

L1/XHD 100 WOL

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	174	187	187
Thickness	3.2	3.2	3.2
Total UDL kN 3:1	45	50	50
Total UDL kN 19:1	40	40	40

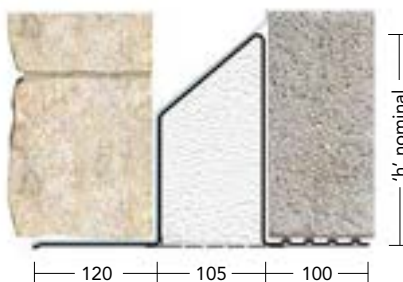
90-105mm cavity



L1/XHD 110 WOL

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	151	197	197
Thickness	3.2	3.2	3.2
Total UDL kN 3:1	45	50	50
Total UDL kN 19:1	40	40	40

110-125mm cavity



L1/XHD 150 WOL

Manufactured length 150mm increments	600- 1500	1650- 1800	1950- 2100
Height 'h'	180	201	201
Thickness	3.2	3.2	3.2
Total UDL kN 3:1	45	50	50
Total UDL kN 19:1	40	40	40

150-165mm cavity



Cavity Wall - Wide Outer Leaf

Available for cavity widths from **50mm to 165mm**

OUTER LEAF

**125mm -
150mm**

INNER LEAF

100mm



L5/ WOL

To achieve loading figures lintel must be built in with blockwork as shown. Maximum overhang of 30mm on outer leaf. Ensure all perpendicular and horizontal joints are filled with mortar. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

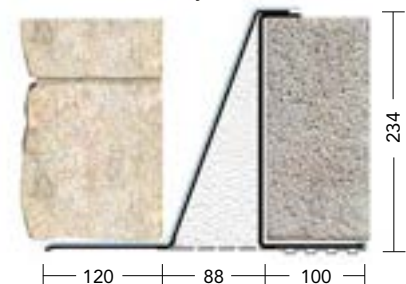
Extra Heavy Duty Load

For 150mm wide outer leaf blockwork/stonework.

L5/100 WOL

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

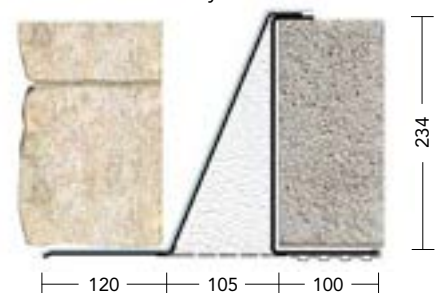
90-105mm cavity



L5/110 WOL

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

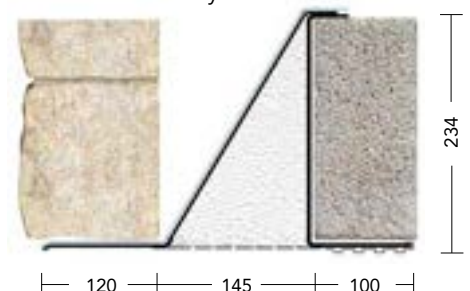
110-125mm cavity



L5/150 WOL

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	234	234	234	234	234
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 19:1	70	60	50	45	40

150-165mm cavity



Cavity Wall - Wide Outer Leaf

Available for cavity widths from 50mm to 165mm

OUTER LEAF

125mm -
150mm

INNER LEAF

100mm



L5/XHD WOL

To achieve loading figures lintel must be built in with blockwork as shown. Maximum overhang of 30mm on outer leaf. Ensure all perpendicular and horizontal joints are filled with mortar. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

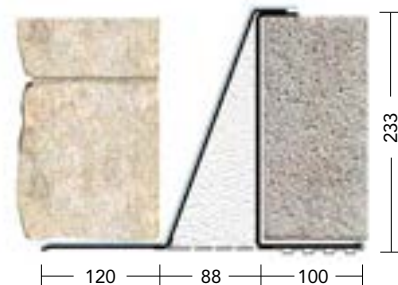
Extra Heavy Duty Load

For 150mm wide outer leaf blockwork/stonework.

L5/XHD 100 WOL

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600
Height 'h'	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2
Total UDL kN 19:1	100	90	80	65

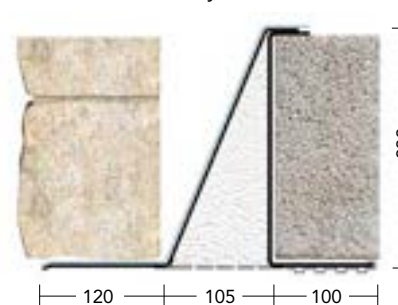
90-105mm cavity



L5/XHD 110 WOL

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600
Height 'h'	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2
Total UDL kN 19:1	100	90	80	65

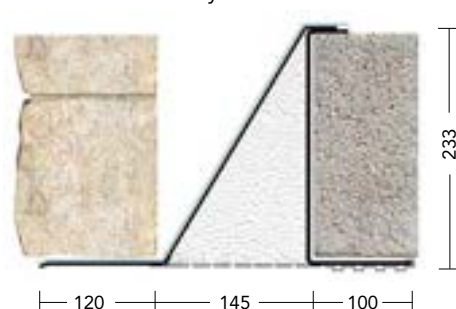
110-125mm cavity



L5/XHD 150 WOL

Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 3000	3150- 3600
Height 'h'	233	233	233	233
Thickness Inner	5.0	5.0	5.0	5.0
Thickness Outer	2.9	2.9	2.9	3.2
Total UDL kN 19:1	100	90	80	65

150-165mm cavity



Cavity Wall - Wide Outer Leaf

Available for cavity widths from **50mm to 165mm**

OUTER LEAF

**125mm -
150mm**

INNER LEAF

100mm



L6/ WOL

Maximum overhang of 30mm on outer leaf.
Ensure all perpendicular and horizontal joints are filled with mortar. Place mortar bed on top of blockwork before floor units are laid to provide even distribution of load. Lintels may be propped to facilitate speed of construction.

Extreme Load

For 150mm wide outer leaf blockwork/stonework.

L6/100 WOL

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

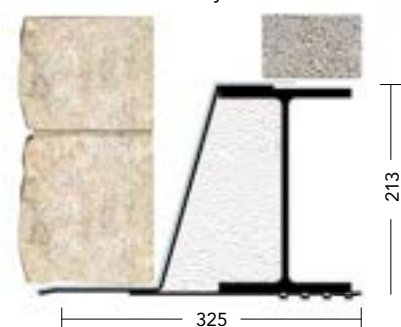
90-105mm cavity



L6/110 WOL

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

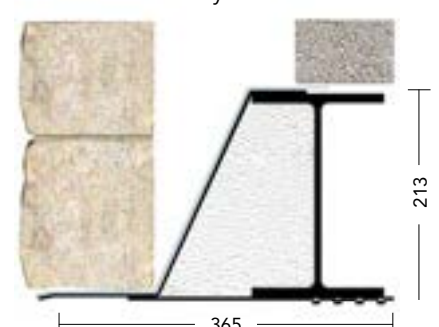
110-125mm cavity



L6/150 WOL

Manufactured length (mm) to customer requirements	600-3000	3150-4800	5100	5400	5700	6000	6300	6600
Height 'h'	213	213	213	213	213	213	213	213
End Bearing	200	200	200	200	200	200	200	200
Total UDL kN 19:1	95	80	70	62	55	50	45	40

150-165mm cavity



Cavity Wall - Wide Outer Leaf 215

Available for cavity widths from 50mm to 165mm

OUTER LEAF

215mm

INNER LEAF

100mm



L1/S WOL 215

To achieve loading figures lintel must be built in with blockwork as shown. Maximum overhang of 30mm on outer leaf. Extended fin 227mm high for lintels greater than 2100mm in length. Lintels may be propped to facilitate speed of construction.

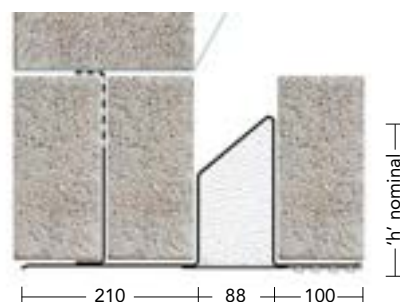
Standard Load

For 215mm wide outer leaf blockwork/stonework.

L1/S 100 WOL 215

Manufactured length 150mm increments	600- 1200	1350- 1500	1650- 2100	2250- 2550	2700- 3000	3150- 3600
Height 'h'	109	141	161	199	199	199
Thickness	2.9	2.9	2.9	2.9	3.2	3.2
Total UDL kN 3:1	30	30	30	40	40	35
Total UDL kN 19:1	22	22	22	35	35	32
Fin Height	100	120	175	227	227	227

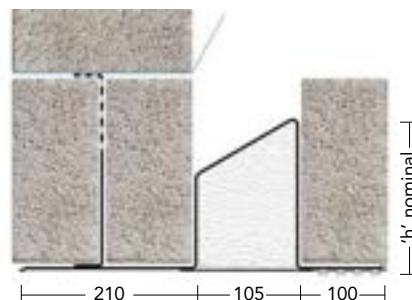
90-105mm cavity



L1/S 110 WOL 215

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 2550	2700- 3000	3150- 3600
Height 'h'	134	151	196	197	197
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 3:1	30	30	35	35	32
Total UDL kN 19:1	20	22	30	30	28
Fin Height	120	175	227	227	227

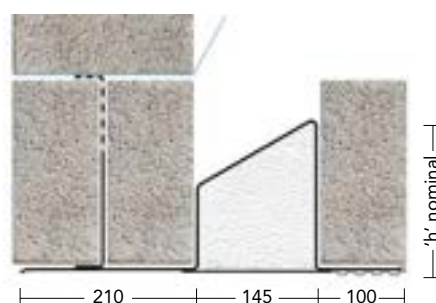
110-125mm cavity



L1/S 150 WOL 215

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 2550	2700- 3000	3150- 3600
Height 'h'	122	156	180	180	180
Thickness	2.9	2.9	2.9	3.2	3.2
Total UDL kN 3:1	30	30	35	35	30
Total UDL kN 19:1	20	22	30	30	25
Fin Height	120	175	227	227	227

150-165mm cavity



Eaves Lintel

**100mm
INNER LEAF**



L1/E lintels are designed to provide support over openings at eaves level. The eaves lintel has a shortened outer flange to allow the underside of the soffit board to be positioned tight against the window frame. It must be noted that brickwork cannot be built onto the outer flange of an eaves lintels. Masonry is built on the inner leaf only.

The loading figures are achieved by considering the lintel and masonry as a composite unit.

The lintel must have a minimum end bearing of 150mm on each side of the opening bedded on mortar. Level the lintel along its length and across its width. The lintel must be positioned to ensure that the masonry is built tight

against the vertical upstand of the lintel. Masonry should be bedded on mortar and all perpendicular joints filled with mortar.

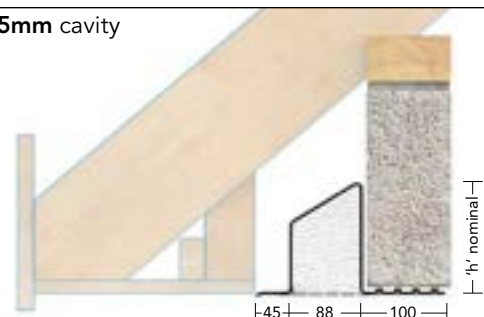
A continuous timber wall plate must extend along the masonry immediately above the lintel. Lintel may be propped to facilitate speed of construction. A plaster key is incorporated into the inner leaf of the lintel.

The IG Eaves lintel also incorporates a thermal break plate on the underside of the lintel for superior structural performance.

L1/E 100

Manufactured length 150mm increments	600- 1500	1650- 2100	2250- 2400	2550- 2700
Height 'h'	107	145	160	161
Thickness	1.8	2.0	2.0	2.5
Total UDL kN	18	20	22	25

90-125mm cavity



**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

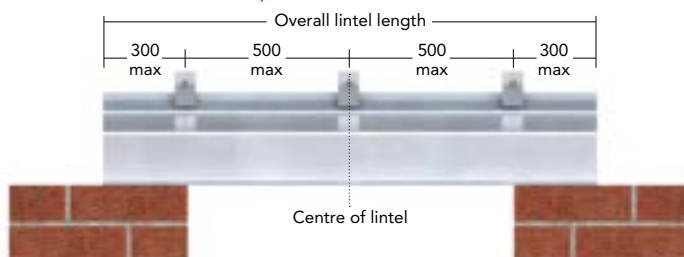
Installation of IG's L7, L7/HD and L7/XHD are all similar.

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**

OUTER LEAF

102mm

INNER LEAF

**Timber Frame
by others**



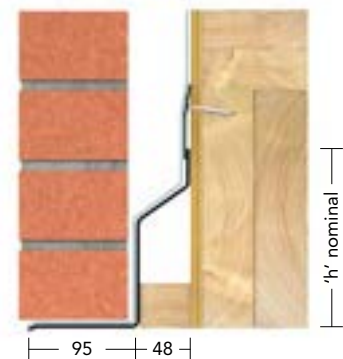
L7

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

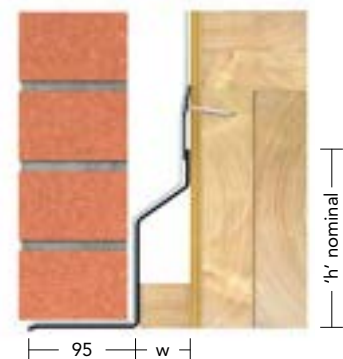
L7/50	Cavity widths 50-65mm				
Manufactured length 150mm increments	600- 1200	1350- 1800	1950- 2400	2550- 3600	3750- 4800
Height 'h'	110	111	136	187	252
Thickness	2.0	2.5	2.5	2.8	3.0
Total UDL kN	4	5	5	9	12

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**

OUTER LEAF

102mm

INNER LEAF

**Timber Frame
by others**



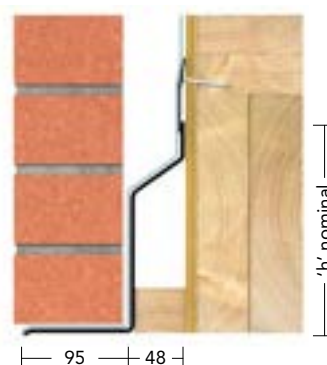
L7/HD

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

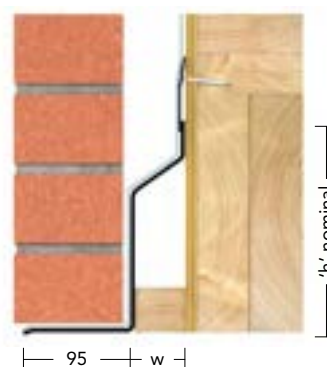
L7/HD 50 Cavity widths 50-65mm			
Manufactured length 150mm increments	600- 1650	1800- 2400	2550- 3000
Height 'h'	161	199	252
Thickness	2.5	2.9	3.2
Total UDL kN	10	12	12

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



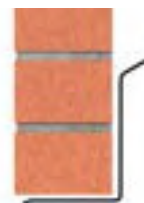
L7/HD 100 Cavity widths 90-105mm			
Manufactured length 150mm increments	600- 1650	1800- 2400	2550- 3000
Height 'h'	166	197	258
Thickness	2.5	2.9	3.2
Total UDL kN	10	12	12

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

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

Single Leaf Lintel

102mm
SINGLE LEAF



Standard Load

L10						
Manufactured length 150mm increments	600- 900	1050- 1200	1350- 1500	1650- 1800	1950- 2250	2400- 2700
Height 'h'	55	55	102	102	152	202
Thickness	2.0	2.5	2.5	2.9	2.9	2.9
Total UDL kN	2.5	4	5	7	7	8



Longer lengths available.

Used to support the outer leaf of cavity wall construction. The L10 lintel can be supplied with no top bend. Lintels may be propped to facilitate speed of construction.

Heavy Duty Load

L11				
Manufactured length 150mm increments	600- 1800	1950- 2400	2550- 2700	2850- 3000
Height 'h'	150	227	227	227
Thickness	2.5	2.5	2.9	3.0
Total UDL kN	16	20	22	22



Longer lengths available.

For use to support single leaf or outer leaf of cavity wall construction. To achieve loading figures, lintel must be built in with brickwork as shown. Lintels may be propped to facilitate speed of construction.

Solid Wall Box Lintels

100 -215mm
WALL WIDTH



Box lintels can be used for internal or external openings and with a variation of wall thicknesses. The IG box lintel has perforations along its length acting as a plaster key. As an optional extra IG box lintels can be insulated. The IG box lintel is designed to carry the full load of wet masonry as soon as it is installed.

INSTALLATION

Box Lintels must have a minimum end bearing of 150mm on each side of the opening, bedded on mortar. Level the lintel along its length and across its width. Masonry built must be laid on a mortar bed and all perpendicular joints to be filled with mortar.

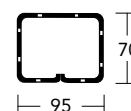
Care should be taken to avoid shock loading on box lintels when used in conjunction with concrete floors or other heavy units.

CODE REF	WALL WIDTH
BOX 75	100mm
BOX 100	100mm
BOX 140	150mm
BOX 200	215mm

BOX 75

Manufactured length 150mm increments	600- 1200	1350- 1650	1800
Height 'h'	70	70	70
Thickness	1.6	1.6	2.0
Total UDL kN	15	10	10

Standard Load



Used to support openings in 100mm wide walls.

Solid Wall - Box Lintels

Available for wall widths from 100mm to 215mm

WALL WIDTH

100mm - 215mm



BOX 100

Used to support openings in 100mm wide walls. Lintels may be propped to facilitate speed of construction.

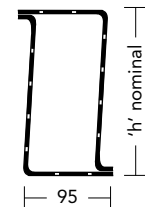
Standard Load

BOX 100

Manufactured length 150mm increments	600- 1200	1350- 1500	1650- 1800	1950- 2400	2550- 2700	2850- 3600	3750- 4200	4350- 4800
Height 'h'	70	70	150	150	150	215	215	215
Thickness	1.6	2.0	1.6	2.0	2.0	2.5	2.5	2.5
Total UDL kN	15	15	18	25	20	35	30	24

Used to support openings in 100mm wide walls.

Standard Load

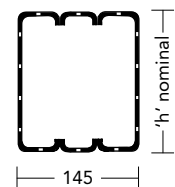


BOX 140

Manufactured length 150mm increments	600- 1800	1950- 2100	2250- 2400	2550- 2700	2850- 3600	3750- 4200	4350- 4800
Height 'h'	150	150	150	150	215	215	215
Thickness	1.6	2.0	2.0	2.0	2.5	2.5	2.5
Total UDL kN	18	30	25	20	35	30	25

Used to support openings in 150mm wide walls.

Standard Load

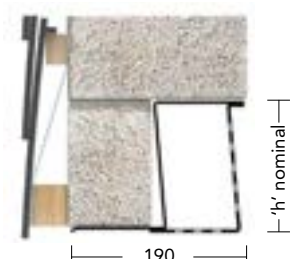


BOX 200

Manufactured length 150mm increments	600- 1800	1950- 2100	2250- 2400	2550- 2700	2850- 3600	3750- 4200	4350- 4800
Height 'h'	150	150	150	150	215	215	215
Thickness	1.6	2.0	2.0	2.0	2.5	2.5	2.5
Total UDL kN	18	30	25	20	35	30	24

The flange of the BOX 200 is designed to support a nominal masonry load only up to a maximum of 3kN per metre run. Used to support openings in 215mm wide walls.

Standard Load



Solid Wall - Box Lintels

Available for wall widths from 100mm to 140mm

WALL WIDTH

100mm - 140mm



HD BOX

Can be insulated as an optional extra. Perforated steel for plaster key. Lintels may be propped to facilitate speed of construction.

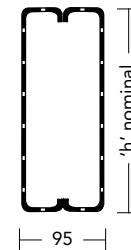
Heavy Duty Load

HD BOX 100

Manufactured length 150mm increments	600- 1200	1350- 1800	1950- 2400	2550- 2700
Height 'h'	150	150	215	215
Thickness	2.5	2.5	2.5	2.5
Total UDL kN	50	45	50	40

For heavy duty loading conditions to support concrete floors and point loads. Used to support internal and external openings in 100mm wide walls.

Heavy Duty Load

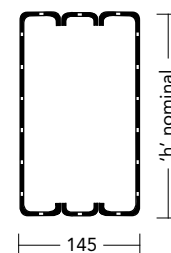


HD BOX 140

Manufactured length 150mm increments	600- 1200	1350- 1800	1950- 2400	2550- 2700
Height 'h'	150	150	215	215
Thickness	2.5	2.5	2.5	2.5
Total UDL kN	50	45	50	40

For heavy duty loading conditions to support concrete floors and point loads.

Heavy Duty Load



Solid Wall - Box Lintels

Available for wall widths of 215mm

WALL WIDTH

215mm

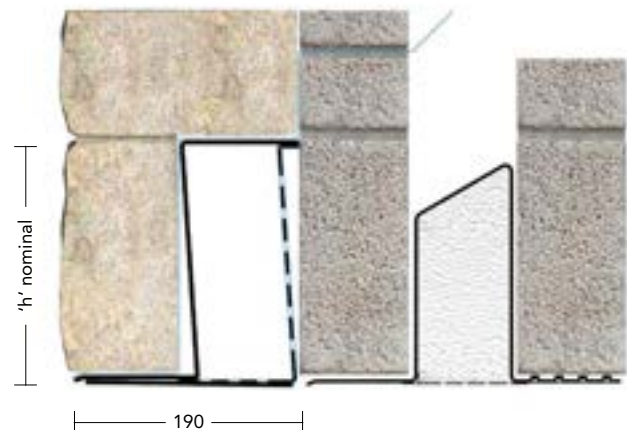


HD BOX 200

Heavy Duty Load

This drawing illustrates how a HD BOX 200 Lintel can be used to support a 215mm leaf of solid stonework on the outer face of a traditional cavity wall.

The three dimensional image also illustrates how a DPC/Cavity Tray should be installed with this detail.



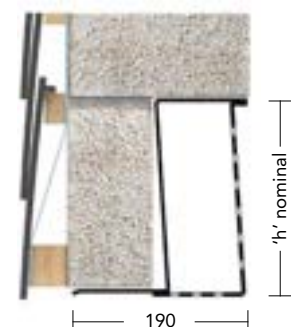
HD Box 200 Lintel shown with optional feature plate.

HD BOX 200

Manufactured length 150mm increments	600- 1200	1350- 1800	1950- 2400	2550- 2700
Height 'h'	150	150	215	215
Thickness	2.5	2.5	2.5	2.5
Total UDL kN	40	35	45	40

The flange of the HD BOX 200 is designed to support a nominal masonry load only up to a maximum of 3kN per metre run. Used to support openings in 215mm wide walls.

Heavy Duty Load



Solid Wall Lintels

**100 - 215mm
WALL WIDTH**



Standard Load

INT 100

Overall Length (mm)	900	1050	1100	1200
Maximum Span	700	850	900	1000
Total UDL kN	7	7	7	7

When using INT100 normal building practice should be observed in that one course and the mortar allowed to cure for at least 24 hours before additional loads are applied. Not suitable for floor loads.



Specify INT 64 for 75mm solid wall.



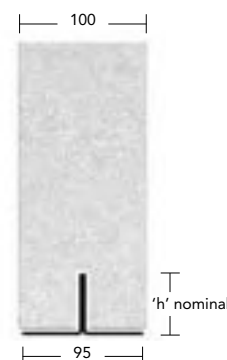
L9/SW 100

Manufactured length 150mm increments	600- 1200	1350- 1650	1800- 2100	2250- 2700
Height 'h'	58	88	89	116
Thickness	2.5	2.5	2.9	3.2
Total UDL kN	6	8	8	10

To achieve loading figures lintel must be built in as shown, blockwork must be tracked to accommodate upstand of lintel.

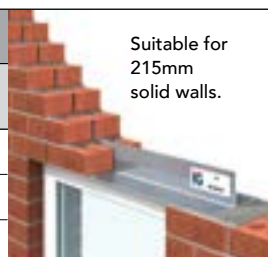


Suitable for 100 - 150mm solid walls.

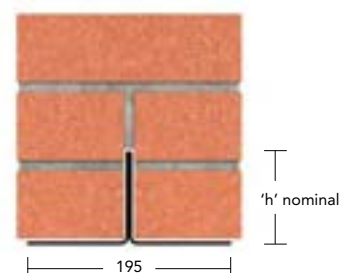


L9

Manufactured length 150mm increments	600- 1200	1350- 1650	1800- 2100	2250- 2700
Height 'h'	58	93	94	117
Thickness	2.5	2.5	2.9	3.0
Total UDL kN	6	8	8	10



Suitable for 215mm solid walls.



Solid Wall Lintels

Available for wall widths of 215mm

WALL WIDTH

215mm



I BEAM

To achieve loading figures lintel must be built in as shown. Lintels may be propped to facilitate speed of construction. See Lintel Installation on page 6.

Heavy to Extreme Loads

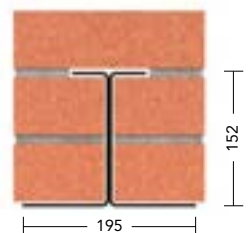
I BEAM (2C)

Manufactured length 150mm increments	600- 1800	1950- 2100	2250- 3000
Height 'h'	152	152	152
Thickness	2.5	2.9	2.9
Total UDL kN	30	30	30

Suitable for
215mm solid walls.



Heavy Duty Load



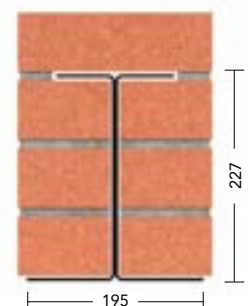
I BEAM (3C)

Manufactured length 150mm increments	600- 1800	1950- 2100	2250- 3000	3150- 4000	4200- 4800
Height 'h'	227	227	227	227	227
Thickness	2.5	2.5	2.9	3.2	3.2
Total UDL kN	45	40	40	40	35

Suitable for
215mm solid walls.



Extra Heavy Duty Load



XHD I BEAM

Manufactured length 150mm increments	600- 4800	5200	5400	5800	6200	6600
Height 'h'	230	230	230	230	230	230
End Bearing	200	200	200	200	200	200
Total UDL kN	86	75	70	65	60	55

Suitable for
215mm
solid walls.



Extreme Duty

