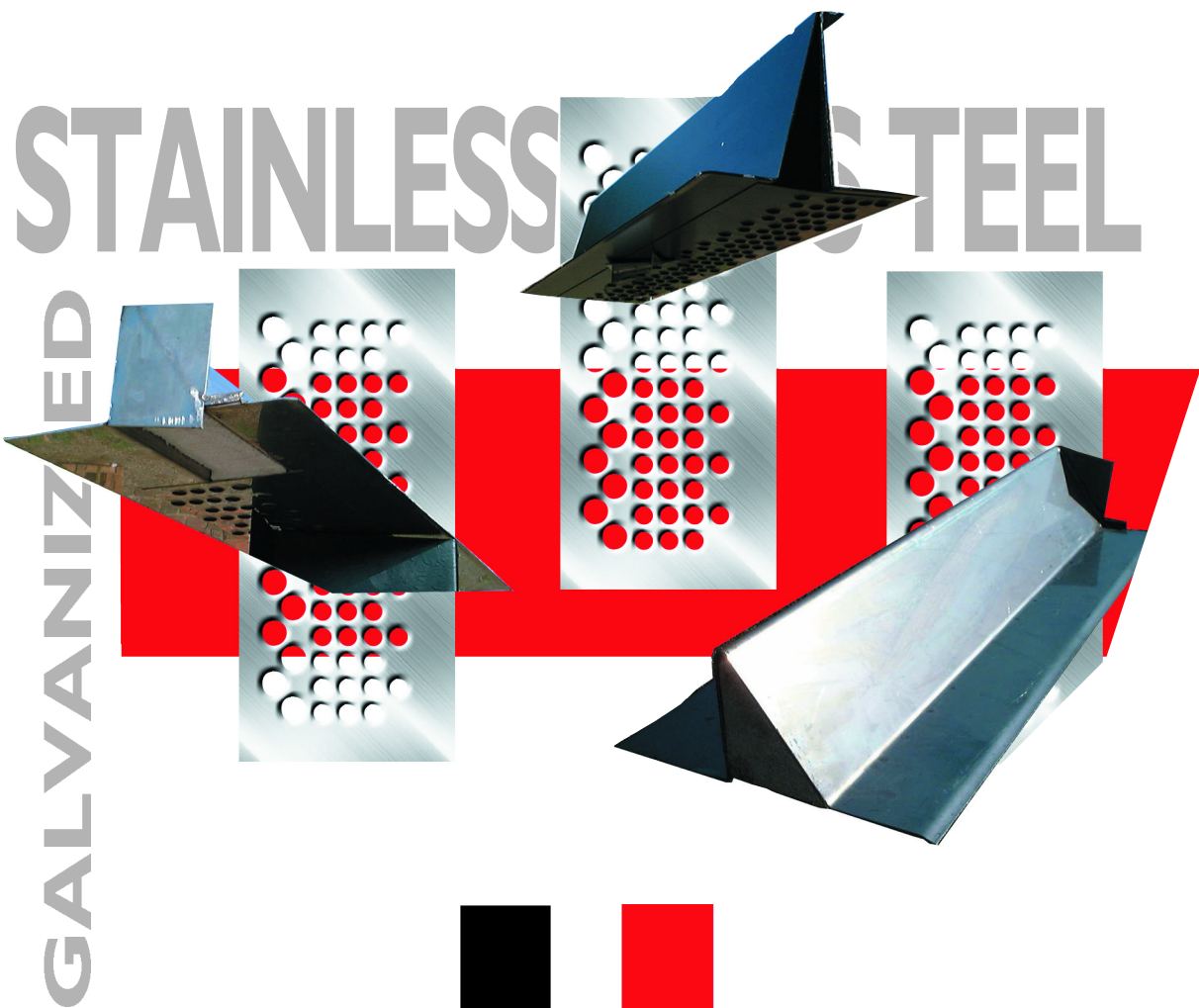


Steel lintel and cavity tray catalogue



Material Specification Technical Information

Lintels are manufactured to all specifications. Lintrays are manufactured to specification **A/I** and **A**. Please contact our technical department or see page 5 if you require more information on lintel life expectancy.

A/ Stainless Steel - Supplied in correct grade to suit specific applications e.g. grade 316 for ultra highly corrosive environments. **A/I** with additional protective coating*, **A** without.

B/ Mild Steel - Complying with BS4360. **B/I** with additional protective coating. Also paint finishes to your requirement.

C/ Structural Steel - Complying with BS4360. Hot dipped, zinc galvanized, after manufacture to BS729 with a minimum coating weight of 920g/m² including both sides. **C/I** with additional protective coating*, **C** without.

D/ Galvanized Steel - Complying with BSEN10142 1991. Lintels are manufactured from continuously hot dipped, zinc coated low carbon steel sheets, cold formed with a minimum coating weight of 600g/m² including both sides. **D/I** with additional protective coating*, **D** without.

Additional Protective Coating*

The additional protective coating consists of self etch primer followed by 100 microns of black bituminous paint.

Installation - Lintels should be checked on delivery and only undamaged lintels used. An end bearing of at least 150mm (See page 6-7 for Lintray bearing) is required and lintels should be fully bedded on brick laying mortar, ensuring that the front and back of the lintel is level before proceeding. The inner and outer leaves supported by the lintel must be raised together to avoid excessive eccentricity of loading.

Blocks should continue for the full length of the inner flange. Loads should not exceed the stated figures with a ratio of 1:5 (outer to inner) for the SC ranges and 1:19 for the MC and HC ranges. Consult our technical department before exceeding these loads or applying point loads. A supported cavity wall should incorporate suitable wall ties above the lintel to provide stability.

In Scotland, Northern Ireland and areas of severe exposure, (as defined in BRE Digest 127) separate damp proof protection is required over all lintels unless a LINTRAY™ is used.

The safe working loads of all lintels are derived by calculations in conjunction with computer modelling technology and tests at the University of Glamorgan in accordance with the requirements of BS5977: Part 2: 1983.

Quality - Quality assured to BS EN ISO 9002: 1994. All products comply with BS 5977: Part 2: 1983 for corrosion, protection, workmanship and material.

Technical Advisory/Design Service - We provide an expert advisory and design service completely free of charge. Technical advice on specification, design or installation. Structural loading calculations. Design of special lintels in accordance with your exact requirements including computer produced detailed dimensioned drawings.

Insulation - All cavity wall lintels are fully insulated with close fitted, CFC free, high density polystyrene, manufactured in accordance with BS3837; Part 1: 1986. Formed to the exact profile of the lintel, throughout the entire length of the lintel.



BS EN ISO 9002 FM 35417

Contents

PAGE

ABOUT HARVEY LINTELS	4-5
LINTEL AND CAVITY TRAY	6-7
CURVED LINTELS	8
CORNER LINTELS	8
FEATURE BRICK	9
STEEL SECTION LINTELS	10
WINDPOST & LINTEL SYSTEM	11
ROLLER SHUTTER LINTEL SYSTEM	11
ARCHED LINTELS	12-15
CAVITY WALL LINTELS	16-57
HOW TO USE THIS CATALOGUE	72
MATERIAL SPECIFICATION & TECHNICAL INFORMATION	73

WALL CONSTRUCTION			LINTEL REFERENCE			
OUTER	CAVITY	INNER	STANDARD	MEDIUM	HEAVY DUTY	
95-115	47-56	100-120	SC50	MC50	HC50, EAL6 50, HD4 150	16-17
95-115	47-56	125-150	SC50E	MC50E	HC50E, EAL6 50E, HD4 170	18-19
95-115	47-56	175-200	SC50EE	MC50EE	HC50EE, EAL6 50EE, HD4 220	20-21
95-115	57-71	100-120	SC60	MC60	HC60, EAL6 60, HD4 150	22-23
95-115	57-71	125-150	SC60E	MC60E	HC60E, EAL6 60E, HD4 170	24-25
95-115	57-71	175-200	SC60EE	MC60EE	HC60EE, EAL6 60EE, HD4 220	26-27
95-115	72-84	100-120	SC80	MC80	HC80, EAL6 80, HD4 170	28-29
95-115	72-84	125-150	SC80E	MC80E	HC80E, EAL6 80E, HD4 200	30-31
95-115	72-84	175-200	SC80EE	MC80EE	HC80EE, EAL6 80EE, HD4 235	32-33
95-115	85-96	100-120	SC90	MC90	HC90, EAL6 90, HD4 190	34-35
95-115	85-96	125-150	SC90E	MC90E	HC90E, EAL6 90E, HD4 200	36-37
95-115	85-96	175-200	SC90EE	MC90EE	HC90EE, EAL6 90EE, HD4 250	38-39
95-115	97-119	100-120	SC100	MC100	HC100, EAL6 100, HD4 200	40-41
95-115	97-119	125-150	SC100E	MC100E	HC100E, EAL6 100E, HD4 220	42-43
95-115	97-119	175-200	SC100EE	MC100EE	HC100EE, EAL6 100EE, HD4 275	44-45
95-115	120-139	100-120	SC125	MC125	HC125, EAL6 125, HD4 220	46-47
95-115	120-139	125-150	SC125E	MC125E	HC125E, EAL6 125E, HD4 250	48-49
95-115	120-139	175-200	SC125EE	MC125EE	HC125EE, EAL6 125EE, HD4 300	50-51
95-115	140-160	100-120	SC150	MC150	HC150, EAL6 150, HD4 250	52-53
95-115	140-160	125-150	SC150E	MC150E	HC150E, EAL6 150E, HD4 275	54-55
95-115	140-160	175-200	SC150EE	MC150EE	HC150EE, EAL6 150EE, HD4 325	56-57
TIMBER/STEEL FRAME LINTELS	58					
OUTER LEAF LINTELS	59					
EAVES LINTELS	60-61					
SOLID WALL LINTELS	62-69					
CHANNEL LINTELS	65					
BRICK SUPPORT ANGLE	70-71					

If you cannot find the lintel you require, please contact our Technical Department. Tel: 01206 792001 Fax: 01206 792022

Harvey Lintels Ltd. Whitehall Industrial Estate, Colchester, Essex CO2 8HH

A Grafton Group plc Company



Harvey Lintels

You can now design any size, shape, length, breath and depth of doorway, archway, window or aperture you want. And Harvey will fabricate any lintel you need, to achieve that design.

But unlike most other bespoke items, your specially designed lintels can be delivered usually within one week of your order.

Harvey Steel Lintels have been helping architects achieve visually striking buildings for over 20 years by understanding your requirements.

Equipped with the very latest in manufacturing and computer technology, their ultra-modern plant is completely dedicated to producing lintels of all shapes and sizes in a range of materials to suit any purpose.

The expertise is in lintels, their construction and their uses. But they aren't simply made for you. Harvey work with you, on a consultancy basis, to make sure that you get exactly what you need to achieve what you want.

And when you want it.



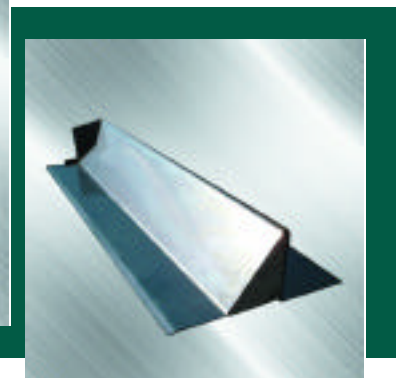
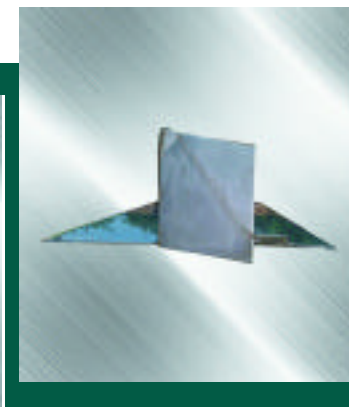
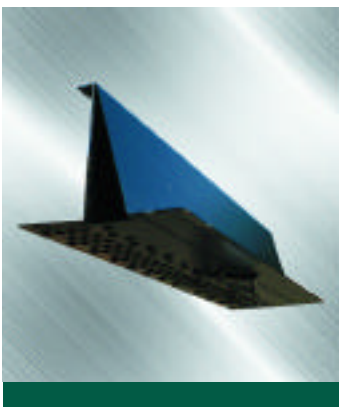
WHY STAINLESS STEEL?

When William van Alen designed the Chrysler Building in Lexington Avenue 42nd Street, New York, he specified grade 18/8 stainless steel, a new material for the distinctive roof. That was in 1930. Today there is still absolutely no sign of corrosion or any other structural deficiency.

Take the simple wall tie. Stainless steel wall ties became the accepted standard after the discovery that in a few short years other materials completely corroded away. When you consider that both lintels and wall ties live within the same hostile environment surely all lintels should be made of stainless steel.



Why stainless steel





Harvey Lintels are manufactured in various materials, (see page 2) as a guide to longevity, galvanised are rated by the Housing Association Property Manual as satisfying the '25 years durability rating' dependent on Galv thickness and additional protective coatings. Stainless steel lintels are expected to last almost indefinitely. This is confirmed by the performance of The Chrysler Building roof.

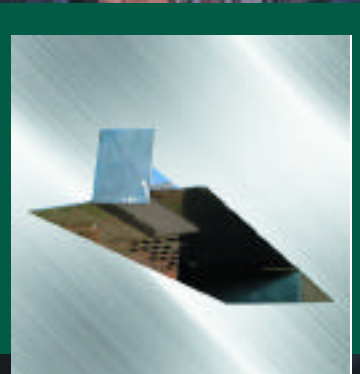
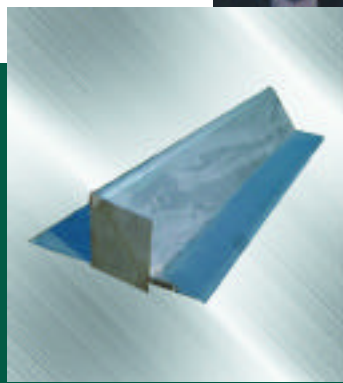
That means whatever your design, it will bear the hallmark of your skill well into the future because of the superior properties of stainless steel.

So remember, when it comes to specifying - the life expectancy of your work is in your hands. Harvey's Lintels are fabricated from the very best when it comes to technical specifications and materials. All the materials used comply with British Standards and are of the highest quality to ensure protection against corrosion and ensuring a long life.

Even additional protective coatings are available including high build, self etch primer and 100 microns of black bituminous paint on any specification.



Convinced

 THEN P.T.O.



Lintray[®] makes sense

THE ULTIMATE LINTEL

If you are now convinced that stainless steel is the material to use, you already have 90% of the best cavity tray money can buy, for a small extra cost specify the Lintray*.

The Lintray* is a stainless steel lintel with welded stop ends and end plates. It can be installed as easily as any other lintel. It costs about the same as an equivalent collection of galvanized lintel, plastic cavity tray and stop ends with a far superior long term performance.

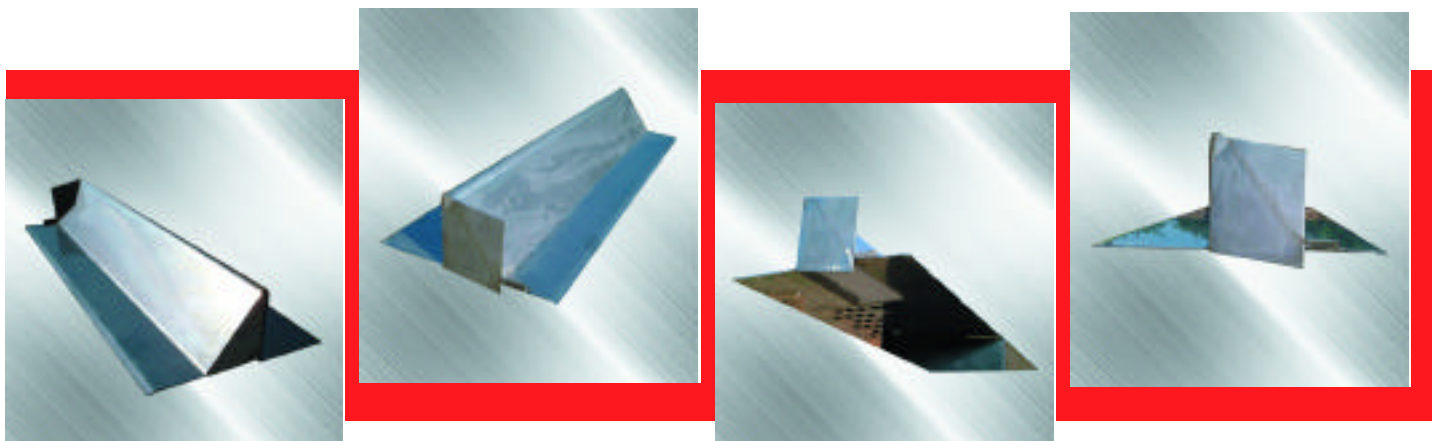
It's also very forgiving when it comes to installation, compared with the problems of fixing plastic stop ends in cold, damp weather when the site operatives are working in difficult conditions.

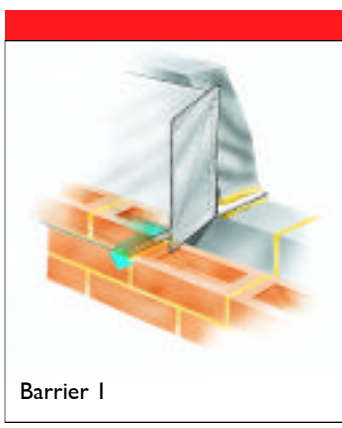
Lintray* works very simply by anticipating all the weak points for damp and the ingress of water in a standard lintel installation and providing a permanent, watertight solution in each case.

The Lintray* is available on all lintels where Lintray* is shown under optional features.

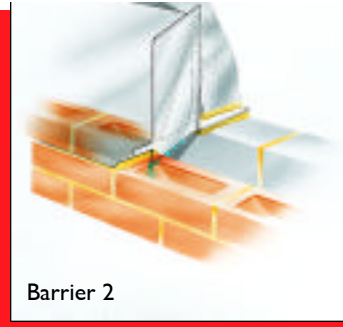
The Lintray* has been designed specifically to provide a perfect cavity tray combined with an integral stainless steel lintel, suitable for use anywhere in the U.K., regardless of severe exposure to driving rain.

* UK Patent No. 2303386.





Barrier 1



Barrier 2



Barrier 3



Lintray shown one end only.

The Lintray* consists of three specific barriers to protect against the elements:

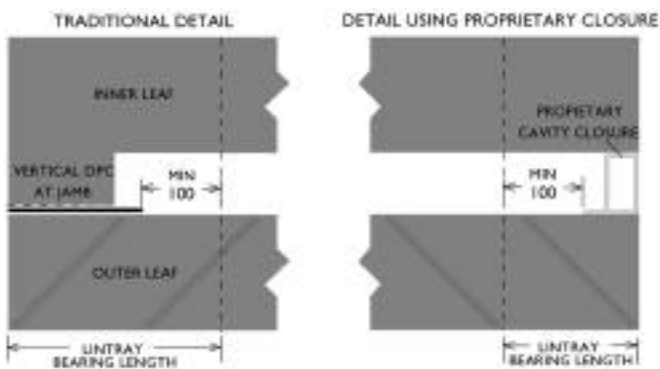
Barrier 1

The first barrier to exposure are fully welded stop-ends which reach out into the horizontal mortar joint halfway through the outer leaf.

Barrier 2

The second barrier comprises fully welded tapered end plates which direct water (in the unlikely event barrier 1 has been bridged) to the outer leaf, even if the Lintray* has been installed sloping towards the inner leaf.

IMPORTANT END BEARING DETAILS



The lintel and cavity tray

Barrier 3

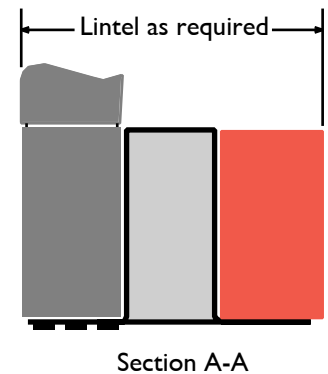
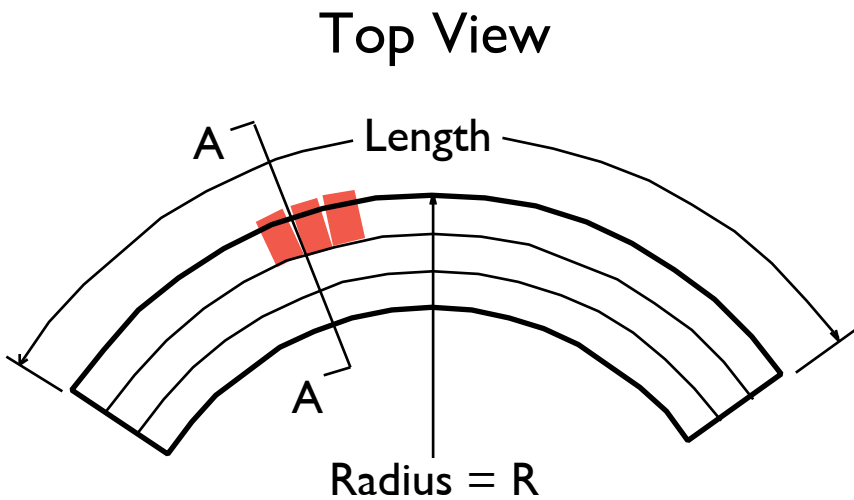
The stop-ends and tapered end plates are a minimum of 150mm beyond the end of the base-plate. In the extremely unlikely event that water has bridged barrier 1 & 2, it is necessary for the moisture to track back 150mm before it can cross to the inner leaf. The Lintray* is as easy as a lintel to install and entirely eliminates the risk of damage to, or incorrect installation of, flexible DPC's, or plastic cavity trays by site operatives. The concern surrounding the secure and permanent watertight adhesion of plastic stop-ends in cold wet weather is also eliminated.

Guaranteed weatherproof



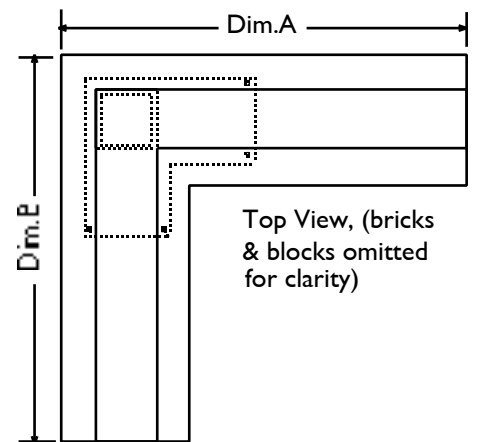
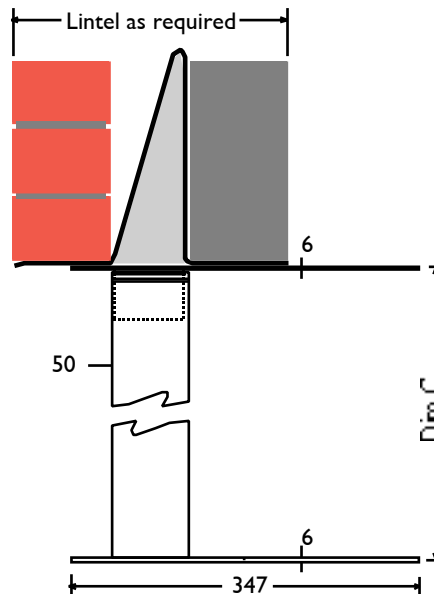
Curved Lintels

To specify a curved lintel, select the lintel section suitable i.e. SC50a, and "wall curved to / concave to / ----- Radius". Curved lintel sections do not conform in shape due to different manufacturing techniques used. The lintels supplied will always exceed the structural properties of the specified lintel. In order to ensure stability, care must be taken when specifying bearing lengths, please contact our technical department if required.

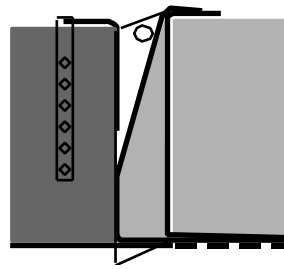


Corner Lintels

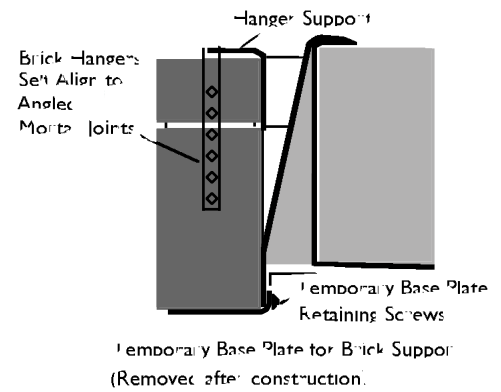
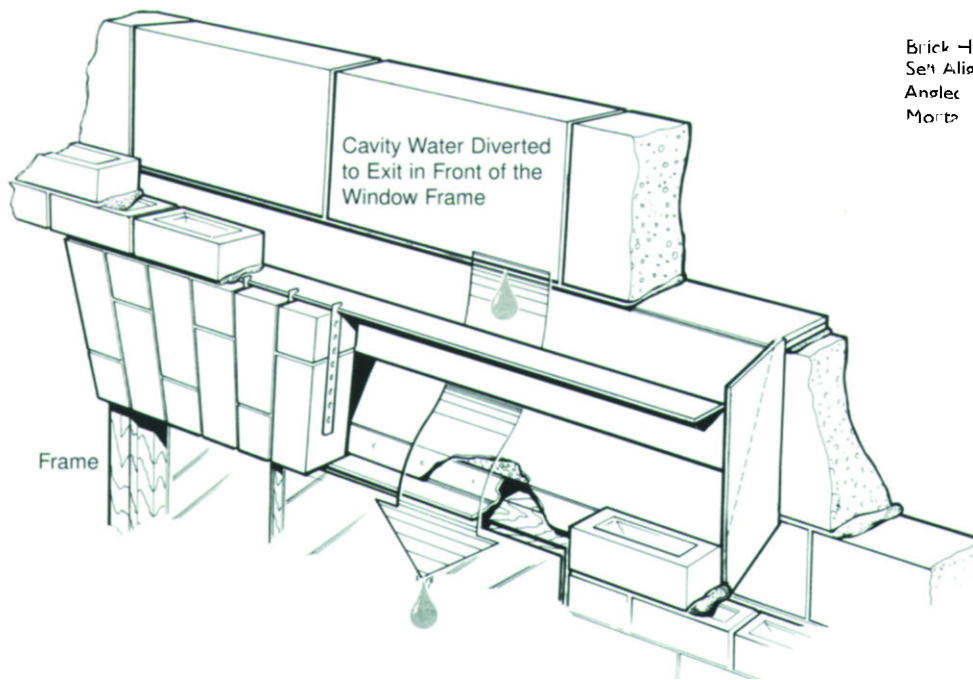
To specify a corner lintel, select the lintel section suitable i.e. SC50a, and dimensions "A = mm B = mm C = mm". Corner lintels are manufactured as standard with the inner corner of the post intersecting the inner corner of the block (see detail) however, post type, size and position can be varied to suit individual situations. Posts are supplied to suit your requirements. Specify dimensions A & B only for corner lintel without post.



Feature Brick



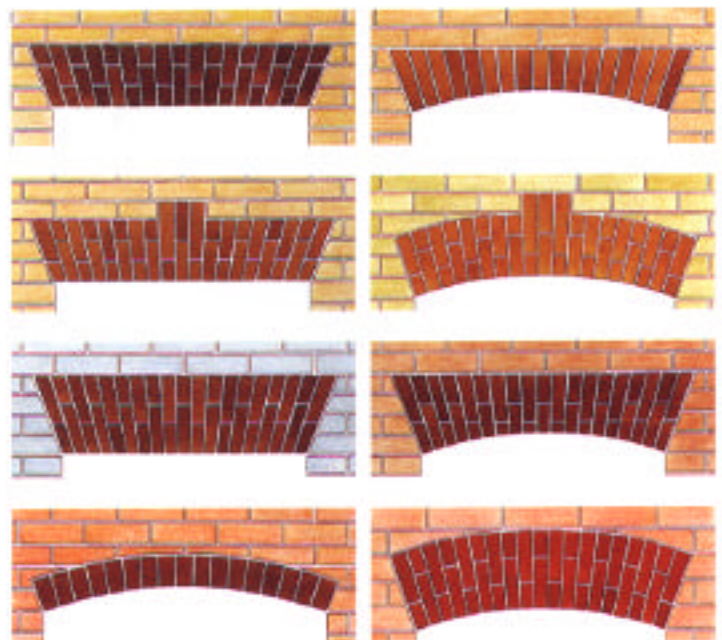
Standard



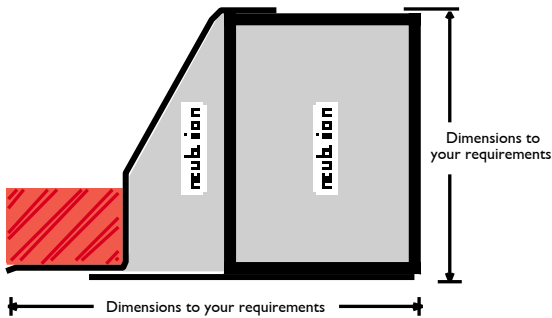
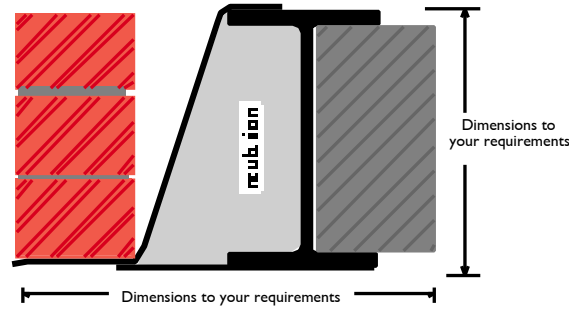
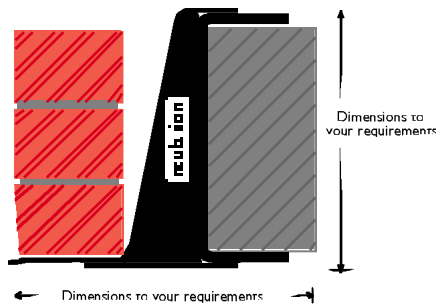
Shown with optional step

This feature, which allows the face brick to be exposed on the underside, can be incorporated in all arched lintels and any straight lintels where it is shown under **OPTIONAL FEATURES** in the lintel tables. A base plate is provided temporarily fixed to the lintel, which is removed after the brickwork has cured. Please specify soldier height if not 225mm.

In conjunction with a brick cutting company we can supply arches with bricks adhered and supplied as one unit ready for installation.



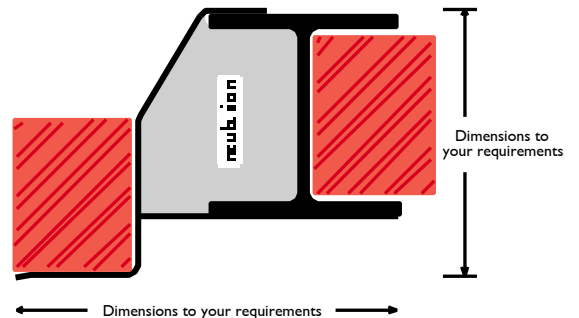
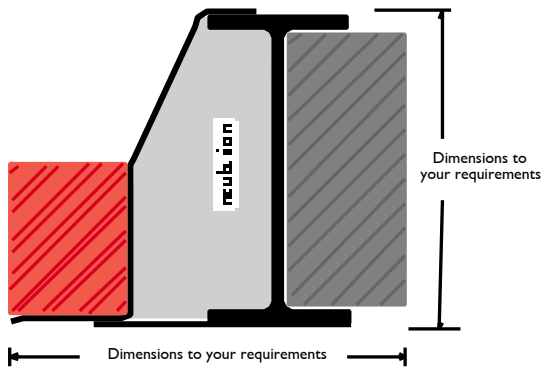
Steel Section Lintels



We manufacture a full range of lintels utilizing steel sections. If you need a steel section and support for the outer brick and an insulated cavity, just ask. We provide drawings and physical properties based on the beam and pressed sections combined by return of fax. Examples, beams, columns, boxes, channels.

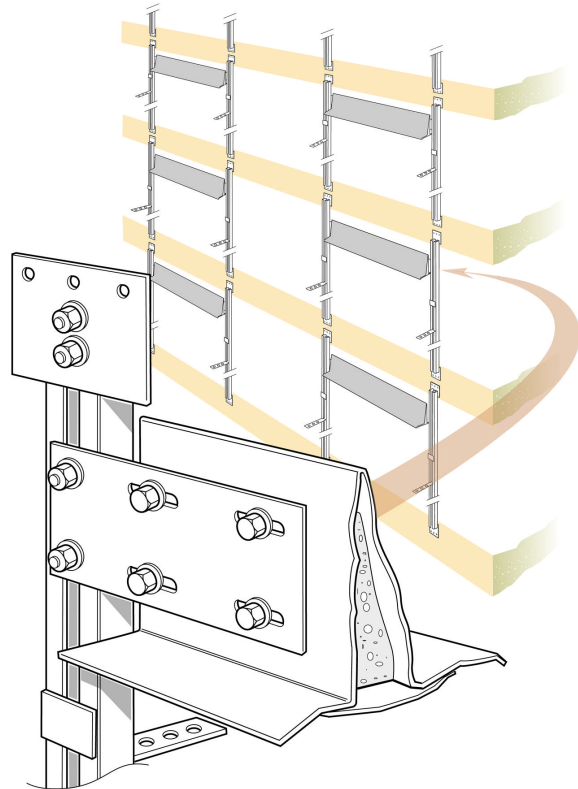
MATERIAL OPTIONS

- A. Stainless steel outer & base, zinc oxide painted steel section
- B. Mild steel outer & base, all painted zinc oxide
- C. Outer, base and steel section galvanised after manufacture to BS 4360
- D. Galvanised outer & base, zinc oxide painted steel section

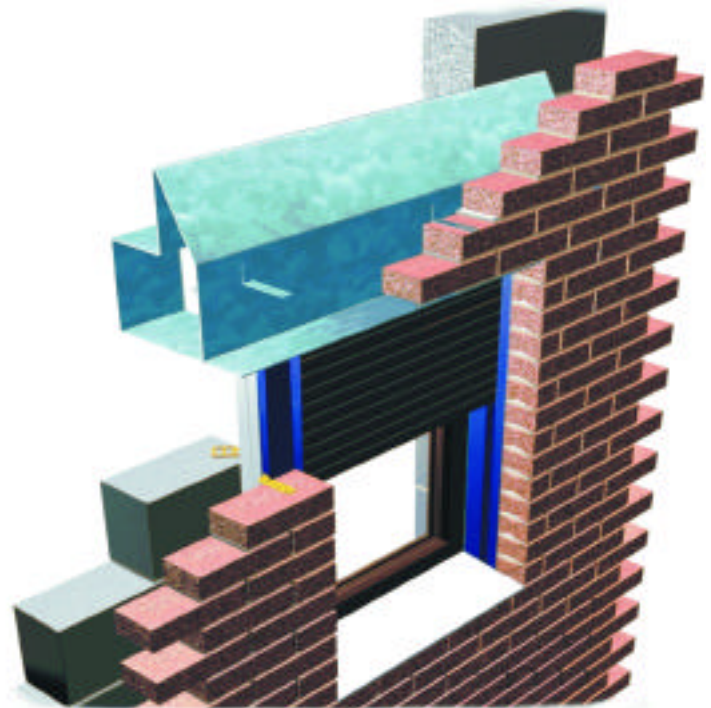
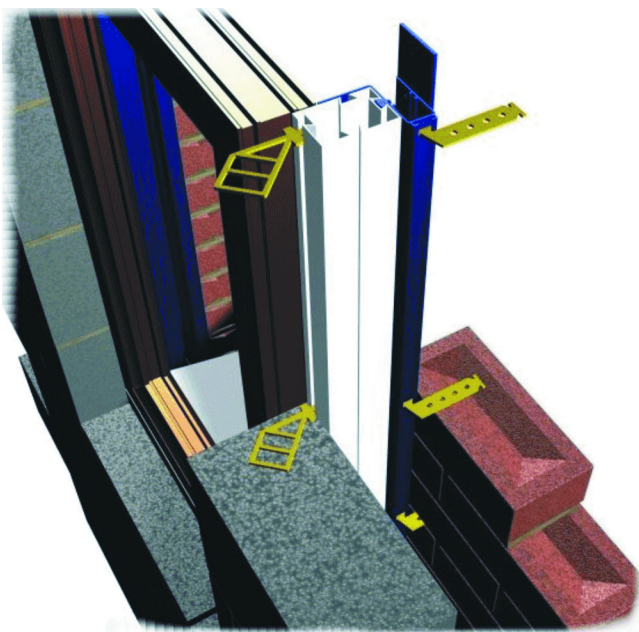


Windpost and Lintel System

We supply a full range of wind posts, manufactured from Stainless and Galvanised steel. Lintels are supplied with adjustable end plates (see fig 1) connecting windpost to lintel producing an effective steel trellis. This system is indispensable where expansion joints produce unrestrained wall areas between windposts. Wind posts are produced with a full range of head and base fixings.



Roller Shutter Lintel System



Shutter lintels are manufactured using all our standard lintel sections. The full Roller Shutter System is available from our major distributors. Please call for details.

Arched Lintels

Design Details

Harvey Steel arched lintels are manufactured to Material Specification A, CI, or DI.

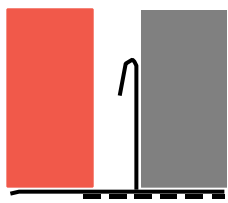
Our design system is almost limitless and Arched Lintels can be manufactured for any span and for any type of wall construction. The Medium and Heavy Duty ranges are insulated with C.F.C. free polystyrene ensuring "U" values are maintained.

Please note that the following dimensions may be specified as zero: elements of wall construction, bearing left, bearing right, upstands and radius. e.g. zero radius on Type 'F' Apex Arch lintel will produce angled corners, zero inner skin will give outer skin and cavity only.

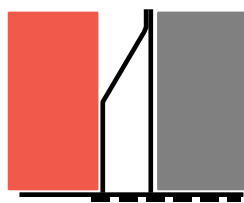
All arched lintels have two unique features;

1. Manufactured with a square cavity plate, which is necessary to provide the integral damp proof barrier. This combined with the LINTRAY stop-ends completes the cavity tray.
2. To provide stability to inner and outer leaves, flexible wall ties are fixed to the front and rear of the cavity plate at 450mm horizontal and vertical centres see page 13 for example.

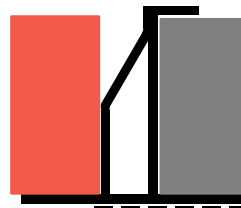
These features provide BOTH a cavity tray AND tie the inner and outer wall skins together. This CANNOT be achieved by using a normal arched lintel with a separate plastic cavity tray.



STANDARD (S)



MEDIUM (M)



HEAVY (H)



Temporary Base Plate
FEATURE BRICK

DESIGN TO YOUR PRECISE REQUIREMENTS - INTEGRAL CAVITY TRAY - DESIGN DRAWINGS AND CALCULATIONS BY RETURN - FIXED WALL TIES FOR STABILITY - EXPOSED BRICKWORK, IF REQUIRED - NORMALLY MANUFACTURED WITHIN ONE WEEK

To specify, (please note all illustrations show LINTRAY™ option)

HARVEY ARCHED LINTEL MANUFACTURED FROM

A. Stainless steel

B.1 Mild steel complying with BS4360, Bitumastic coated

C.1 Structural steel BS4360. Galvanized to BS729 920g/m², Bitumastic Coated

D.1 Galvanized steel BSEN10142 600g/m², Bitumastic Coated

Full material specification shown on page 2

All dimensions as viewed from outer

Lintray yes/no	Feature brick outer yes/no	Type A,B,C,D,E,F.	Span	Height	Duty S.M.H & Material Thickness A,B or C Or total UDL
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All dimensions below may be specified as 'zero'

WALL CONSTRUCTION OUTER/CAVITY/INNER	BEARING LEFT (BL)	BEARING RIGHT (BR)	UPSTAND (U) OPTIONAL	RADIUS (R) OPTIONAL	PLASTER KEY SPECIFY WIDTH OR N/A
---	----------------------	-----------------------	-------------------------	------------------------	-------------------------------------

ALTERNATIVELY SPECIFY; Harvey Arched Lintel, type(A, B, C, D, E or F) manufactured from (material specification A, BI, CI or DI) span = , height = , follow with brief description e.g. with feature brick detail
Design to be agreed with Harvey Lintels technical department

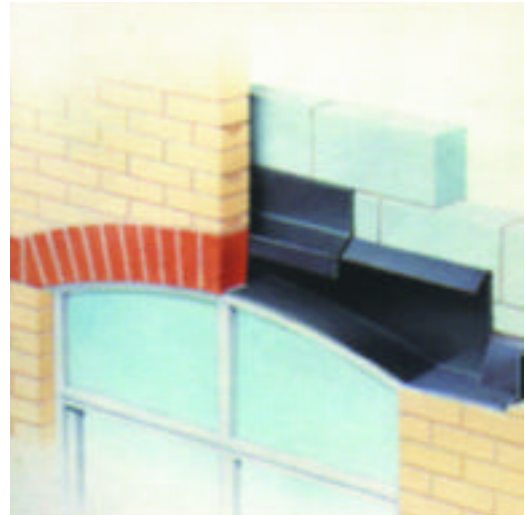
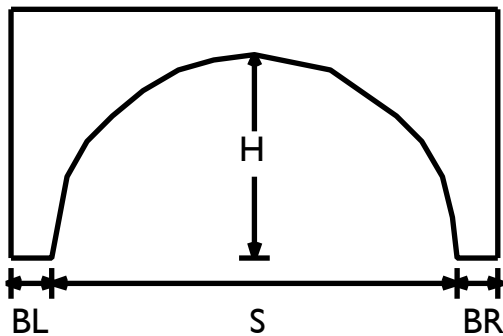
Arched lintels

Standard, Medium & Heavy Duty

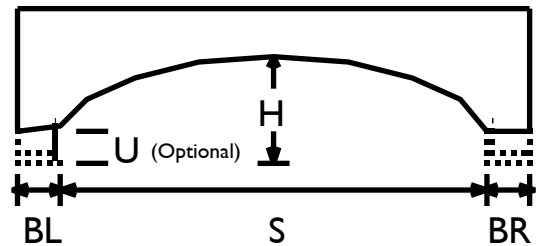
All Arch Designs



TYPE A Semi-circular Arch



TYPE B Segmental Arch



LOADING TABLES

STANDARD (S) DUTY

CLEAR SPAN mm	300-1500			1501-2400			2401-3600		
	A	B	C	A	B	C	A	B	C
Material Thickness A, B, or C	A	B	C	A	B	C	A	B	C
Allowable Safe UDL kN	40	50	80	30	40	55	20	25	35
I _{xx} CM ⁴	1111	1459	2122	1111	1459	2122	1111	1459	2122
Z _{xx} CM ³	73	96	140	73	96	140	73	96	140
Allowable Moment Nm	8230	11240	17280	9006	12100	17650	93900	12540	18180

ARCHED LINTEL DESIGNS TO YOUR SPECIFIC REQUIREMENTS FAXED BY RETURN
CONTACT OUR TECHNICAL DEPARTMENT 01206 792001

Arched Lintels

Standard, Medium & Heavy Duty

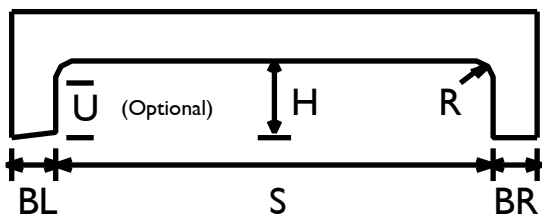
All Arch Designs



TYPE C Arched Corner Lintel

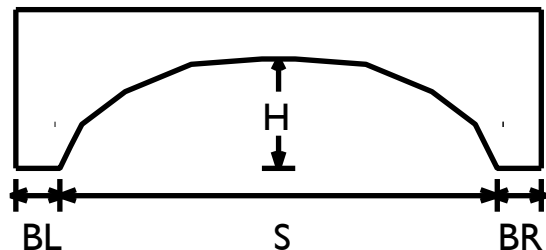


TYPE D Elliptical Arch



CUT-OUT SHOWING QUALITY FEATURES (SPECIFICATION C1)

1. Insulated "Box section".
2. Structural Steel Plate.
3. Hot Dip Galvanizing after manufacture 920g/m².
4. High build, Self-Etch Primer as key for Bitumen.
5. Black Bituminous paint, minimum 100 microns providing protection to BS5493:1977



ALSO AVAILABLE
THREE CENTRE ARCHES
FIVE CENTRE ARCHES

LOADING TABLES

MEDIUM (M) DUTY

CLEAR SPAN mm	300-1500			1501-2400			2401-3600			3601-4800		4801-6000
	A	B	C	A	B	C	A	B	C	B	C	C
Allowable Safe UDL kN	50	70	90	35	45	60	25	30	45	23	34	25
Allowable Moment Nm	1241	1613	2329	1241	1613	2329	1241	1613	2329	1613	2329	2329
I _{xx} CM ⁴	87	113	164	87	113	164	87	113	164	113	164	164
Z _{xx} CM ³	9860	11980	18400	10460	13270	19940	10760	13660	20400	13870	20710	20880

MEDIUM DUTY ARCHED LINTELS PROVIDE ADDITIONAL RIGIDITY DURING CONSTRUCTION

Arched Lintels

Standard, Medium & Heavy Duty

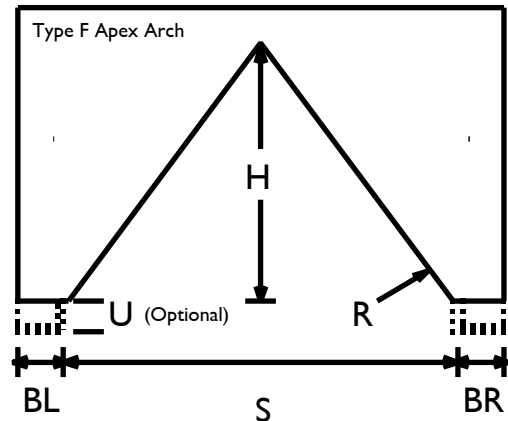
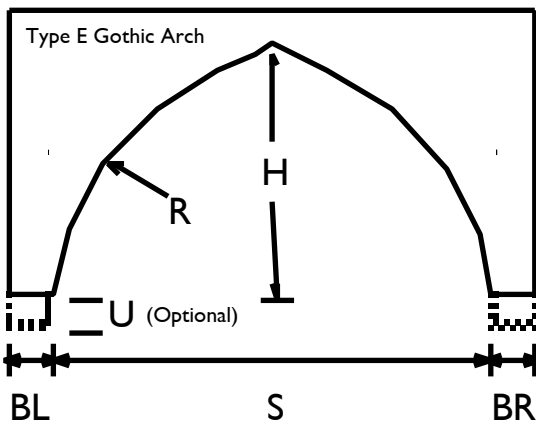
All Arch Designs



TYPE E Gothic Arch



TYPE F Apex Arch



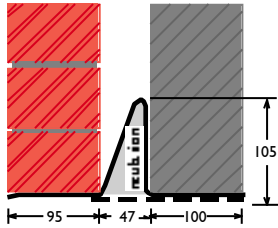
LOADING TABLES

HEAVY (H) DUTY

CLEAR SPAN mm	300-1500			1501-2400			2401-3600			3601-4800			4801-6000		6001-7200
	A	B	C	A	B	C	A	B	C	A	B	C	B	C	C
Material Thickness A, B, or C	A	B	C	A	B	C	A	B	C	A	B	C	B	C	C
Allowable Safe UDL kN	70	80	100	50	70	90	30	45	60	25	35	50	18	30	20
xx CM ⁴	152	1988	2898	1521	1988	2898	1521	1988	2898	1521	1988	2898	1988	2898	2898
Zxx CM ³	107	140	204	107	140	204	107	140	204	107	140	204	140	204	204
Allowable Moment Nm	13700	19760	22190	14840	21130	31200	15220	21900	31900	15390	22310	31060	17540	25150	21150

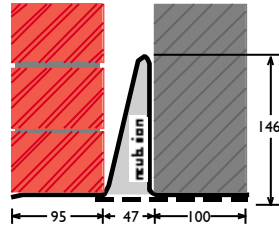
SC50a

Cavity + Inner Max 170mm
Any variation of design available



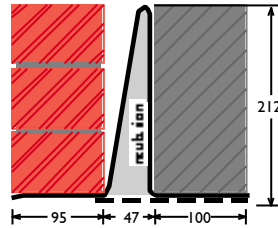
SC50b

Cavity + Inner Max 170mm
Any variation of design available



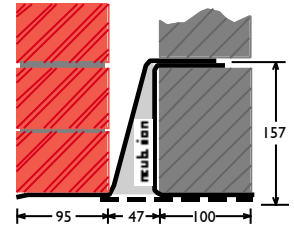
SC50c

Cavity + Inner Max 170mm
Any variation of design available



MC50a

Cavity + Inner Max 170mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	165.36
Zxx cm3	20.93
Weight kg/m	11.40
Area cm2	14.51
Ryy cm	5.35

Lintel Properties

Ixx cm4	397.29
Zxx cm3	38.43
Weight kg/m	13.62
Area cm2	17.34
Ryy cm	4.93

Lintel Properties

Ixx cm4	1084.47
Zxx cm3	76.89
Weight kg/m	17.30
Area cm2	22.02
Ryy cm	4.42

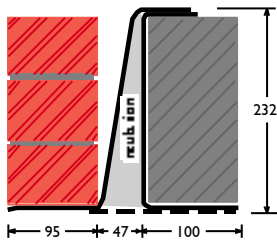
Lintel Properties

Ixx cm4	825.12
Zxx cm3	89.35
Weight kg/m	17.00
Area cm2	21.64
Ryy cm	4.72

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	22	600	900	40	600	900	50	600	900	40
750	1050	22	750	1050	40	750	1050	50	750	1050	40
900	1200	22	900	1200	40	900	1200	50	900	1200	40
1050	1350	22	1050	1350	40	1050	1350	50	1050	1350	40
1200	1500	22	1200	1500	38	1200	1500	50	1200	1500	40
1350	1650	20	1350	1650	35	1350	1650	50	1350	1650	40
1500	1800	18	1500	1800	32	1500	1800	50	1500	1800	40
1650	1950		1650	1950	29	1650	1950	50	1650	1950	40
1800	2100		1800	2100	27	1800	2100	50	1800	2100	40
1950	2250		1950	2250	25	1950	2250	50	1950	2250	40
2100	2400		2100	2400	23	2100	2400	47	2100	2400	40
2250	2550		2250	2550	22	2250	2550	44	2250	2550	40
2400	2700		2400	2700	21	2400	2700	42	2400	2700	38
2550	2850		2550	2850	19	2550	2850	39	2550	2850	36
2700	3000		2700	3000	18	2700	3000	37	2700	3000	34
2850	3150		2850	3150	18	2850	3150	36	2850	3150	32
3000	3300		3000	3300		3000	3300	34	3000	3300	31
3150	3450		3150	3450		3150	3450	32	3150	3450	29
3300	3600		3300	3600		3300	3600	31	3300	3600	28
3450	3750		3450	3750		3450	3750	30	3450	3750	27
3600	3900		3600	3900		3600	3900	28	3600	3900	25
3750	4050		3750	4050		3750	4050	27	3750	4050	23
3900	4200		3900	4200		3900	4200	26	3900	4200	21
4050	4350		4050	4350		4050	4350	25	4050	4350	20
4200	4500		4200	4500		4200	4500	24	4200	4500	18
4350	4650		4350	4650		4350	4650	23	4350	4650	17
4500	4800		4500	4800		4500	4800	21	4500	4800	16

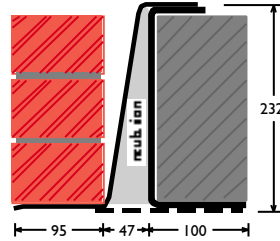
MC50b

Cavity + Inner Max 170mm
Any variation of design available



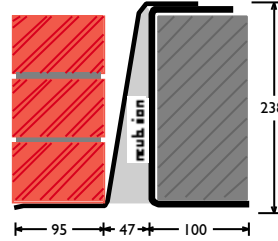
HC50

Cavity + Inner Max 170mm
Any variation of design available



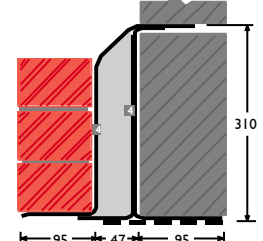
EAL6 50

Cavity + Inner Max 170mm
Any variation of design available



HD4 150

Cavity + Inner Max 170mm
Any variation of design available



Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Lintel Properties

Ixx cm4 1932.45
Zxx cm3 141.68
Weight kg/m 20.52
Area cm2 26.12
Ryy cm 4.20

Lintel Properties

Ixx cm4 2719.19
Zxx cm3 201.15
Weight kg/m 29.26
Area cm2 37.24
Ryy cm 3.99

Lintel Properties

Ixx cm4 5350.20
Zxx cm3 406.77
Weight kg/m 49.59
Area cm2 63.12
Ryy cm 4.27

Lintel Properties

Ixx cm4 6476.04
Zxx cm3 379.77
Weight kg/m 41.62
Area cm2 52.98
Ryy cm 3.80

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	60	600	900	80	600	900	185	600	900	165
750	1050	60	750	1050	80	900	1200	185	900	1200	165
900	1200	60	900	1200	80	1200	1500	185	1200	1500	165
1050	1350	60	1050	1350	80	1500	1800	185	1500	1800	165
1200	1500	60	1200	1500	80	1800	2100	185	1800	2100	165
1350	1650	60	1350	1650	80	2100	2400	185	2100	2400	165
1500	1800	60	1500	1800	80	2400	2700	185	2400	2700	165
1650	1950	60	1650	1950	80	2700	3000	185	2700	3000	165
1800	2100	60	1800	2100	80	3000	3300	185	3000	3300	165
1950	2250	60	1950	2250	80	3300	3600	169	3300	3600	158
2100	2400	60	2100	2400	80	3600	3900	156	3600	3900	145
2250	2550	60	2250	2550	80	3900	4200	144	3900	4200	135
2400	2700	60	2400	2700	80	4200	4500	126	4200	4500	125
2550	2850	57	2550	2850	80	4500	4800	110	4500	4800	117
2700	3000	54	2700	3000	80	4800	5100	97	4800	5100	110
2850	3150	51	2850	3150	80	5100	5400	86	5100	5400 *	104
3000	3300	49	3000	3300	80	5400	5700	77	5400	5700 *	94
3150	3450	47	3150	3450	77	5700	6000	70	5700	6000 *	84
3300	3600	45	3300	3600	74	6000	6300	63	6000	6300 *	76
3450	3750	43	3450	3750	71	6300	6600	57	6300	6600 *	69
3600	3900	41	3600	3900	68	6600	6900	52	6600	6900 *	63
3750	4050	39	3750	4050	65	6900	7200	48	6900	7200 *	58
3900	4200	38	3900	4200	50	7200	7500	44	7200	7500 *	53
4050	4350	37	4050	4350	50	7500	7800	40	7500	7800 *	49
4200	4500	35	4200	4500	50	7800	8100	37	7800	8100 *	45
4350	4650	34	4350	4650	50	8100	8400	35	8100	8400 *	42
4500	4800	33	4500	4800	50	Material Details - Page 10			* Not available in Material D		

SC50Ea

Cavity + Inner Max 200mm
Any variation of design available

SC50Eb

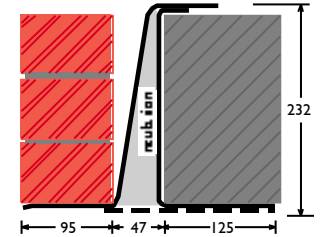
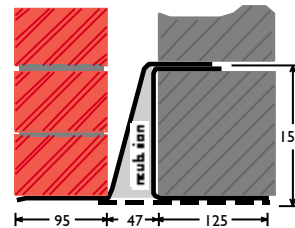
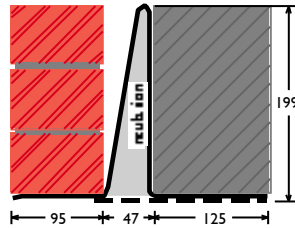
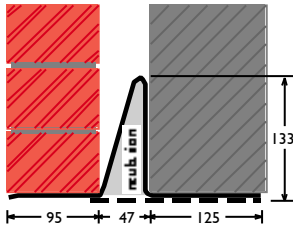
Cavity + Inner Max 200mm
Any variation of design available

MC50Ea

Cavity + Inner Max 200mm
Any variation of design available

MC50Eb

Cavity + Inner Max 200mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	323.96
Zxx cm3	33.02
Weight kg/m	13.69
Area cm2	17.40
Ryy cm	5.69

Lintel Properties

Ixx cm4	959.30
Zxx cm3	70.13
Weight kg/m	17.36
Area cm2	22.09
Ryy cm	5.11

Lintel Properties

Ixx cm4	801.77
Zxx cm3	81.82
Weight kg/m	17.18
Area cm2	23.07
Ryy cm	5.09

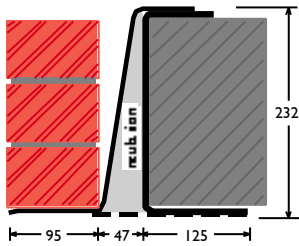
Lintel Properties

Ixx cm4	1873.98
Zxx cm3	130.53
Weight kg/m	20.67
Area cm2	26.31
Ryy cm	4.71

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	40	600	900	50	600	900	40	600	900	60
750	1050	40	750	1050	50	750	1050	40	750	1050	60
900	1200	40	900	1200	50	900	1200	40	900	1200	60
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1500	1800	40	1500	1800	50	1500	1800	40	1500	1800	60
1650	1950	40	1650	1950	47	1650	1950	40	1650	1950	60
1800	2100	23	1800	2100	44	1800	2100	40	1800	2100	60
1950	2250	21	1950	2250	41	1950	2250	40	1950	2250	60
2100	2400	20	2100	2400	38	2100	2400	40	2100	2400	60
2250	2550	19	2250	2550	36	2250	2550	38	2250	2550	60
2400	2700	18	2400	2700	34	2400	2700	36	2400	2700	57
2550	2850	17	2550	2850	32	2550	2850	34	2550	2850	54
2700	3000		2700	3000	30	2700	3000	32	2700	3000	51
2850	3150		2850	3150	29	2850	3150	30	2850	3150	49
3000	3300		3000	3300	27	3000	3300	29	3000	3300	46
3150	3450		3150	3450	26	3150	3450	28	3150	3450	44
3300	3600		3300	3600	25	3300	3600	26	3300	3600	42
3450	3750		3450	3750	24	3450	3750	25	3450	3750	41
3600	3900		3600	3900	23	3600	3900	24	3600	3900	39
3750	4050		3750	4050	22	3750	4050	22	3750	4050	38
3900	4200		3900	4200	21	3900	4200	21	3900	4200	36
4050	4350		4050	4350	20	4050	4350	19	4050	4350	35
4200	4500		4200	4500	20	4200	4500	18	4200	4500	34
4350	4650		4350	4650	18	4350	4650	17	4350	4650	33
4500	4800		4500	4800	18	4500	4800	16	4500	4800	32

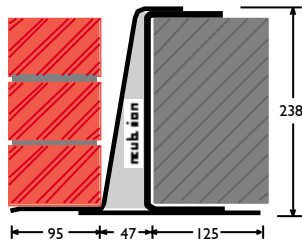
HC50E

Cavity + Inner Max 200mm
Any variation of design available



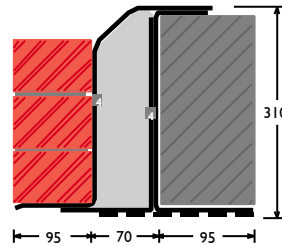
EAL6 50E

Cavity + Inner Max 200mm
Any variation of design available



HD4 170

Cavity + Inner Max 200mm
Any variation of design available



Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Lintel Properties

Ixx cm4 3059.89
Zxx cm3 225.80
Weight kg/m 31.45
Area cm2 40.03
Ryy cm 4.65

Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Lintel Properties

Ixx cm4 5621.41
Zxx cm3 412.24
Weight kg/m 51.28
Area cm2 65.27
Ryy cm 4.65

Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Lintel Properties

Ixx cm4 6589.69
Zxx cm3 382.96
Weight kg/m 42.09
Area cm2 53.58
Ryy cm 4.44

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	188	600	900	175
750	1050	80	900	1200	188	900	1200	175
900	1200	80	1200	1500	188	1200	1500	175
1050	1350	80	1500	1800	188	1500	1800	175
1200	1500	80	1800	2100	188	1800	2100	175
1350	1650	80	2100	2400	188	2100	2400	175
1500	1800	80	2400	2700	188	2400	2700	175
1650	1950	80	2700	3000	188	2700	3000	175
1800	2100	80	3000	3300	188	3000	3300	175
1950	2250	80	3300	3600	172	3300	3600	159
2100	2400	80	3600	3900	158	3600	3900	147
2250	2550	80	3900	4200	146	3900	4200	136
2400	2700	80	4200	4500	133	4200	4500	126
2550	2850	80	4500	4800	116	4500	4800	118
2700	3000	80	4800	5100	102	4800	5100	111
2850	3150	80	5100	5400	91	5100	5400 *	105
3000	3300	80	5400	5700	81	5400	5700 *	95
3150	3450	77	5700	6000	73	5700	6000 *	86
3300	3600	74	6000	6300	66	6000	6300 *	78
3450	3750	71	6300	6600	60	6300	6600 *	70
3600	3900	68	6600	6900	55	6600	6900 *	64
3750	4050	65	6900	7200	50	6900	7200 *	59
3900	4200	63	7200	7500	46	7200	7500 *	54
4050	4350	61	7500	7800	43	7500	7800 *	50
4200	4500	59	7800	8100	39	7800	8100 *	46
4350	4650	57	8100	8400	37	8100	8400 *	43
4500	4800	55						

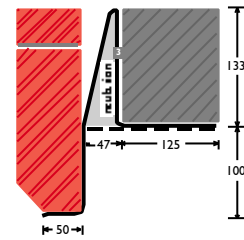
Material Details - Page 10

* Not available in Material D

EXAMPLES

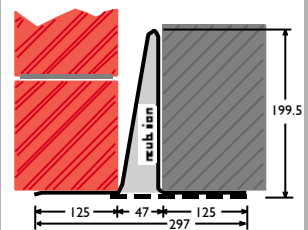
To show how optional features are coded

SC50Ea/ST100/C



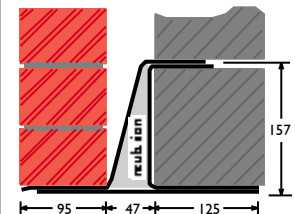
Lintel shown with optional step (ST100) and cant (C)

SC50Eb/WO



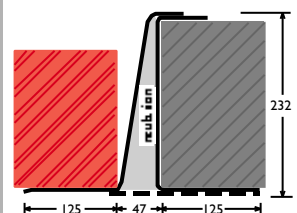
Lintel shown with optional wide outer (WO)

MC50Ea/F



Lintel shown with optional flat base (F)

MC50Eb/WO



Lintel shown with optional wide outer (WO)

SC50EEa

Cavity + Inner Max 250mm
Any variation of design available

SC50EEb

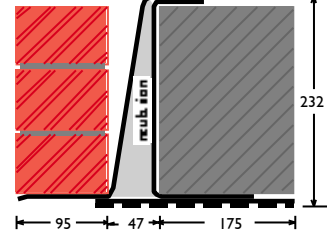
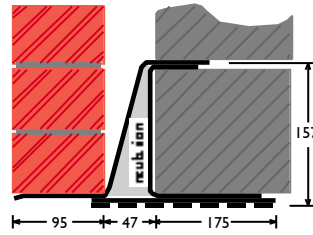
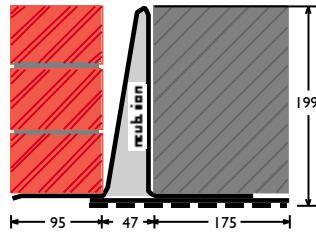
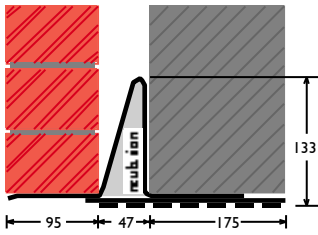
Cavity + Inner Max 250mm
Any variation of design available

MC50EEa

Cavity + Inner Max 250mm
Any variation of design available

MC50EEb

Cavity + Inner Max 250mm
Any variation of design available



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Inner 200mm	Suffix/WI

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm ⁴	342.33
Zxx cm ³	33.83
Weight kg/m	21.00
Area cm ²	19.10
Ryy cm	7.03

Lintel Properties

Ixx cm ⁴	1019.28
Zxx cm ³	72.18
Weight kg/m	24.70
Area cm ²	23.79
Ryy cm	6.40

Lintel Properties

Ixx cm ⁴	1090.46
Zxx cm ³	101.98
Weight kg/m	22.90
Area cm ²	29.14
Ryy cm	6.09

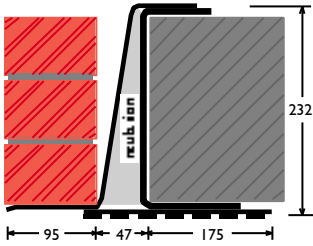
Lintel Properties

Ixx cm ⁴	2630.51
Zxx cm ³	175.09
Weight kg/m	26.40
Area cm ²	33.62
Ryy cm	5.61

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	50	600	900	40	600	900	60
750	1050	30	750	1050	50	750	1050	40	750	1050	60
900	1200	30	900	1200	50	900	1200	40	900	1200	60
1050	1350	30	1050	1350	50	1050	1350	40	1050	1350	60
1200	1500	28	1200	1500	50	1200	1500	40	1200	1500	60
1350	1650	26	1350	1650	50	1350	1650	40	1350	1650	60
1500	1800	24	1500	1800	50	1500	1800	40	1500	1800	60
1650	1950	22	1650	1950	50	1650	1950	40	1650	1950	60
1800	2100	20	1800	2100	50	1800	2100	40	1800	2100	60
1950	2250	19	1950	2250	47	1950	2250	40	1950	2250	60
2100	2400	16	2100	2400	44	2100	2400	40	2100	2400	60
2250	2550	16	2250	2550	41	2250	2550	40	2250	2550	60
2400	2700	15	2400	2700	39	2400	2700	40	2400	2700	60
2550	2850	14	2550	2850	37	2550	2850	40	2550	2850	60
2700	3000	13	2700	3000	35	2700	3000	40	2700	3000	60
2850	3150	12	2850	3150	33	2850	3150	40	2850	3150	60
3000	3300	11	3000	3300	32	3000	3300	40	3000	3300	60
3150	3450	10	3150	3450	30	3150	3450	38	3150	3450	60
3300	3600	9	3300	3600	29	3300	3600	37	3300	3600	60
3450	3750	8	3450	3750	28	3450	3750	35	3450	3750	58
3600	3900	7	3600	3900	27	3600	3900	33	3600	3900	56
3750	4050	6	3750	4050	26	3750	4050	30	3750	4050	54
3900	4200	5	3900	4200	25	3900	4200	28	3900	4200	40
4050	4350	4	4050	4350	24	4050	4350	26	4050	4350	40
4200	4500	3	4200	4500	23	4200	4500	20	4200	4500	40
4350	4650	2	4350	4650	21	4350	4650	18	4350	4650	40
4500	4800	1	4500	4800	20	4500	4800	18	4500	4800	40

HC50EE

Cavity + Inner Max 250mm
Any variation of design available



Optional Features

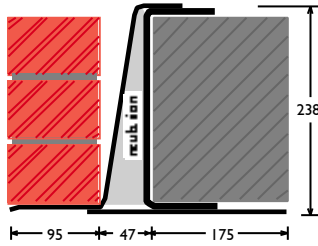
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	3526.84
Zxx cm3	249.82
Weight kg/m	35.15
Area cm2	44.74
Ryy cm	5.03

EAL6 50EE

Cavity + Inner Max 250mm
Any variation of design available



Optional Features

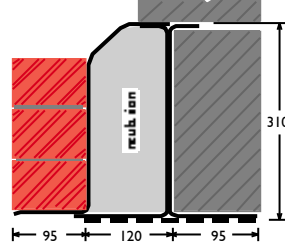
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	5817.93
Zxx cm3	418.60
Weight kg/m	52.82
Area cm2	67.23
Ryy cm	5.05

HD4 220

Cavity + Inner Max 250mm
Any variation of design available



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	7640.74
Zxx cm3	449.27
Weight kg/m	45.52
Area cm2	57.95
Ryy cm	6.27

Opening Size	Lintel Length	Safe UD L kN Load Ratio 1:19
600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	80
1500	1800	80
1650	1950	80
1800	2100	80
1950	2250	80
2100	2400	80
2250	2550	80
2400	2700	80
2550	2850	80
2700	3000	80
2850	3150	80
3000	3300	80
3150	3450	80
3300	3600	80
3450	3750	80
3600	3900	80
3750	4050	75
3900	4200	70
4050	4350	60
4200	4500	60
4350	4650	60
4500	4800	60

Opening Size	Lintel Length	Safe UD L kN Load Ratio 1:19
600	900	191
900	1200	191
1200	1500	191
1500	1800	191
1800	2100	191
2100	2400	191
2400	2700	191
2700	3000	191
3000	3300	191
3300	3600	174
3600	3900	160
3900	4200	148
4200	4500	137
4500	4800	120
4800	5100	106
5100	5400	94
5400	5700	84
5700	6000	76
6000	6300	68
6300	6600	62
6600	6900	57
6900	7200	52
7200	7500	48
7500	7800	44
7800	8100	41
8100	8400	38

Opening Size	Lintel Length	Safe UD L kN Load Ratio 1:19
600	900	196
900	1200	196
1200	1500	196
1500	1800	196
1800	2100	196
2100	2400	196
2400	2700	196
2700	3000	196
3000	3300	196
3300	3600	187
3600	3900	172
3900	4200	159
4200	4500	148
4500	4800	139
4800	5100	130
5100	5400	123
5400	5700	111
5700	6000	100
6000	6300	90
6300	6600	82
6600	6900	75
6900	7200	68
7200	7500	63
7500	7800	58
7800	8100	54
8100	8400	50

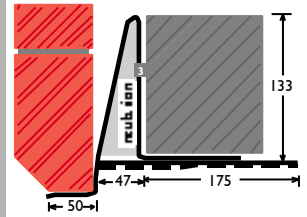
Material Details - Page 10

* Not available in Material D

EXAMPLES

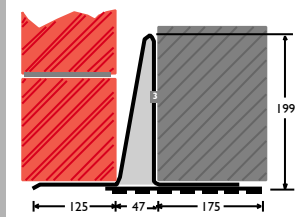
To show how optional features are coded

SC50EEa/ST/C



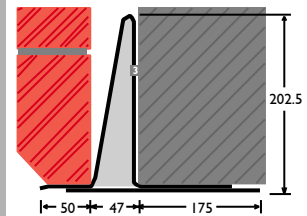
Lintel shown with optional step (ST) and cant (C)

SC50EEb/WO



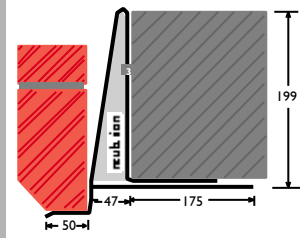
Lintel shown with optional wide outer (WO)

SC50EEb/F/C



Lintel shown with optional flat base (F) and cant (C)

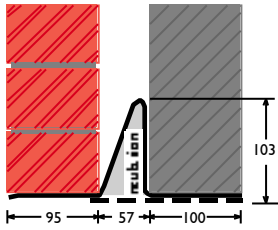
SC50EEb/ST/F/C



Lintel shown with optional step (ST) and flat base (F) and cant (C)

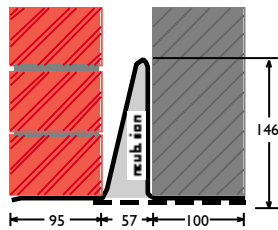
SC60a

Cavity + Inner Max 180mm
Any variation of design available



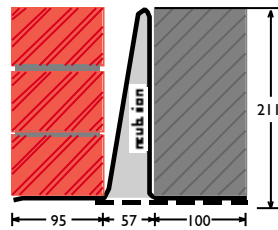
SC60b

Cavity + Inner Max 180mm
Any variation of design available



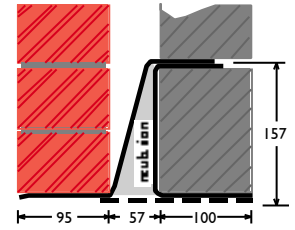
SC60c

Cavity + Inner Max 180mm
Any variation of design available



MC60a

Cavity + Inner Max 180mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	158.65
Zxx cm3	20.54
Weight kg/m	11.29
Area cm2	14.37
Ryy cm	5.65

Lintel Properties

Ixx cm4	394.01
Zxx cm3	38.33
Weight kg/m	13.53
Area cm2	17.25
Ryy cm	5.20

Lintel Properties

Ixx cm4	1073.83
Zxx cm3	76.51
Weight kg/m	17.18
Area cm2	21.87
Ryy cm	4.69

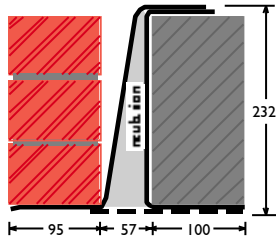
Lintel Properties

Ixx cm4	822.88
Zxx cm3	88.84
Weight kg/m	16.92
Area cm2	21.53
Ryy cm	5.00

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	20	600	900	40	600	900	50	600	900	40
750	1050	20	750	1050	40	750	1050	50	750	1050	40
900	1200	20	900	1200	40	900	1200	50	900	1200	40
1050	1350	20	1050	1350	38	1050	1350	50	1050	1350	40
1200	1500	18	1200	1500	34	1200	1500	50	1200	1500	40
1350	1650	16	1350	1650	30	1350	1650	50	1350	1650	40
1500	1800		1500	1800	28	1500	1800	50	1500	1800	40
1650	1950		1650	1950	26	1650	1950	50	1650	1950	40
1800	2100		1800	2100	24	1800	2100	48	1800	2100	40
1950	2250		1950	2250	22	1950	2250	45	1950	2250	40
2100	2400		2100	2400	21	2100	2400	42	2100	2400	40
2250	2550		2250	2550	19	2250	2550	39	2250	2550	40
2400	2700		2400	2700	18	2400	2700	37	2400	2700	40
2550	2850		2550	2850	17	2550	2850	35	2550	2850	38
2700	3000		2700	3000		2700	3000	33	2700	3000	36
2850	3150		2850	3150		2850	3150	31	2850	3150	35
3000	3300		3000	3300		3000	3300	30	3000	3300	32
3150	3450		3150	3450		3150	3450	29	3150	3450	29
3300	3600		3300	3600		3300	3600	27	3300	3600	27
3450	3750		3450	3750		3450	3750	26	3450	3750	25
3600	3900		3600	3900		3600	3900	25	3600	3900	23
3750	4050		3750	4050		3750	4050	24	3750	4050	21
3900	4200		3900	4200		3900	4200	23	3900	4200	20
4050	4350		4050	4350		4050	4350	20	4050	4350	18
4200	4500		4200	4500		4200	4500	20	4200	4500	15
4350	4650		4350	4650		4350	4650	20	4350	4650	15
4500	4800		4500	4800		4500	4800	20	4500	4800	15

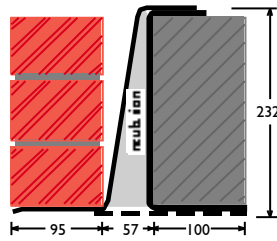
MC60b

Cavity + Inner Max 180mm
Any variation of design available



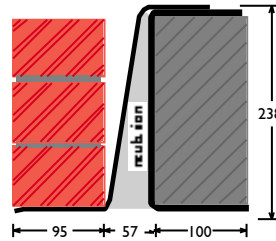
HC60

Cavity + Inner Max 180mm
Any variation of design available



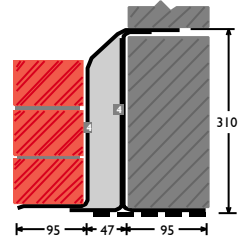
EAL6 60

Cavity + Inner Max 180mm
Any variation of design available



HD4 150

Cavity + Inner Max 180mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	1928.17
Zxx cm3	141.16
Weight kg/m	20.45
Area cm2	26.03
Ryy cm	4.46

Lintel Properties

Ixx cm4	2755.12
Zxx cm3	204.85
Weight kg/m	29.36
Area cm2	37.37
Ryy cm	4.32

Lintel Properties

Ixx cm4	5207.62
Zxx cm3	401.21
Weight kg/m	48.07
Area cm2	61.19
Ryy cm	4.22

Lintel Properties

Ixx cm4	6476.04
Zxx cm3	379.77
Weight kg/m	41.62
Area cm2	52.98
Ryy cm	3.80

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	60	600	900	80	600	900	183	600	900	165
750	1050	60	750	1050	80	900	1200	183	900	1200	165
900	1200	60	900	1200	80	1200	1500	183	1200	1500	165
1050	1350	60	1050	1350	80	1500	1800	183	1500	1800	165
1200	1500	60	1200	1500	80	1800	2100	183	1800	2100	165
1350	1650	60	1350	1650	80	2100	2400	183	2100	2400	165
1500	1800	60	1500	1800	80	2400	2700	183	2400	2700	165
1650	1950	60	1650	1950	80	2700	3000	183	2700	3000	165
1800	2100	60	1800	2100	80	3000	3300	183	3000	3300	165
1950	2250	60	1950	2250	80	3300	3600	167	3300	3600	158
2100	2400	60	2100	2400	80	3600	3900	154	3600	3900	145
2250	2550	60	2250	2550	80	3900	4200	142	3900	4200	135
2400	2700	60	2400	2700	80	4200	4500	123	4200	4500	125
2550	2850	60	2550	2850	80	4500	4800	107	4500	4800	117
2700	3000	60	2700	3000	80	4800	5100	95	4800	5100	110
2850	3150	58	2850	3150	80	5100	5400	84	5100	5400 *	104
3000	3300	56	3000	3300	80	5400	5700	75	5400	5700 *	94
3150	3450	53	3150	3450	77	5700	6000	68	5700	6000 *	84
3300	3600	51	3300	3600	74	6000	6300	61	6000	6300 *	76
3450	3750	49	3450	3750	71	6300	6600	56	6300	6600 *	69
3600	3900	47	3600	3900	68	6600	6900	51	6600	6900 *	63
3750	4050	45	3750	4050	65	6900	7200	46	6900	7200 *	58
3900	4200	43	3900	4200	50	7200	7500	43	7200	7500 *	53
4050	4350	42	4050	4350	50	7500	7800	39	7500	7800 *	49
4200	4500	40	4200	4500	50	7800	8100	36	7800	8100 *	45
4350	4650	39	4350	4650	50	8100	8400	34	8100	8400 *	42
4500	4800	38	4500	4800	50	Material Details - Page 10			* Not available in Material D		

SC60Ea

Cavity + Inner Max 210mm
Any variation of design available

SC60Eb

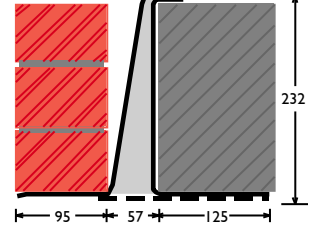
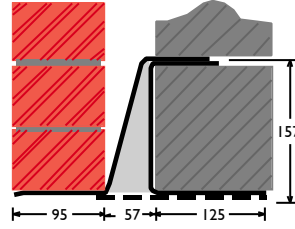
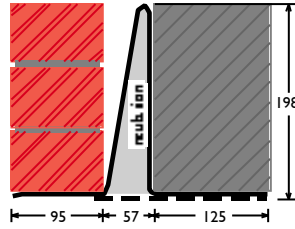
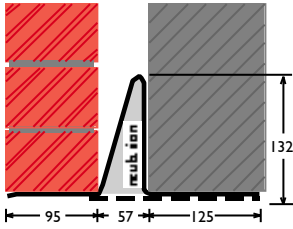
Cavity + Inner Max 210mm
Any variation of design available

MC60Ea

Cavity + Inner Max 210mm
Any variation of design available

MC60Eb

Cavity + Inner Max 210mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	318.38
Zxx cm3	32.89
Weight kg/m	13.59
Area cm2	17.29
Ryy cm	5.96

Lintel Properties

Ixx cm4	949.05
Zxx cm3	69.76
Weight kg/m	17.23
Area cm2	21.93
Ryy cm	5.36

Lintel Properties

Ixx cm4	796.01
Zxx cm3	80.87
Weight kg/m	17.07
Area cm2	21.73
Ryy cm	5.45

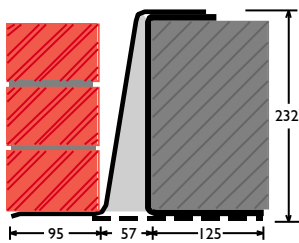
Lintel Properties

Ixx cm4	1868.76
Zxx cm3	129.96
Weight kg/m	20.59
Area cm2	26.22
Ryy cm	4.95

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	50	600	900	40	600	900	60
750	1050	30	750	1050	50	750	1050	40	750	1050	60
900	1200	30	900	1200	50	900	1200	40	900	1200	60
1050	1350	30	1050	1350	50	1050	1350	40	1050	1350	60
1200	1500	20	1200	1500	50	1200	1500	40	1200	1500	60
1350	1650	20	1350	1650	50	1350	1650	40	1350	1650	60
1500	1800	20	1500	1800	50	1500	1800	40	1500	1800	60
1650	1950	20	1650	1950	47	1650	1950	40	1650	1950	60
1800	2100	20	1800	2100	44	1800	2100	40	1800	2100	60
1950	2250	19	1950	2250	41	1950	2250	40	1950	2250	60
2100	2400	18	2100	2400	38	2100	2400	40	2100	2400	60
2250	2550	17	2250	2550	36	2250	2550	40	2250	2550	60
2400	2700	16	2400	2700	34	2400	2700	39	2400	2700	60
2550	2850	16	2550	2850	32	2550	2850	37	2550	2850	59
2700	3000		2700	3000	30	2700	3000	35	2700	3000	56
2850	3150		2850	3150	29	2850	3150	33	2850	3150	54
3000	3300		3000	3300	27	3000	3300	32	3000	3300	50
3150	3450		3150	3450	26	3150	3450	30	3150	3450	49
3300	3600		3300	3600	25	3300	3600	28	3300	3600	47
3450	3750		3450	3750	24	3450	3750	26	3450	3750	45
3600	3900		3600	3900	23	3600	3900	24	3600	3900	43
3750	4050		3750	4050	22	3750	4050	22	3750	4050	40
3900	4200		3900	4200	21	3900	4200	20	3900	4200	40
4050	4350		4050	4350	20	4050	4350	19	4050	4350	38
4200	4500		4200	4500	20	4200	4500	18	4200	4500	37
4350	4650		4350	4650	18	4350	4650	17	4350	4650	36
4500	4800		4500	4800	18	4500	4800	15	4500	4800	35

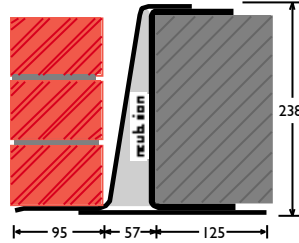
HC60E

Cavity + Inner Max 210mm
Any variation of design available



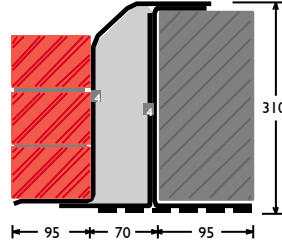
EAL6 60E

Cavity + Inner Max 210mm
Any variation of design available



HD4 170

Cavity + Inner Max 210mm
Any variation of design available



Optional Features

Lintray **Prefix L**
Feature Brick **Suffix/FB**
Step 20mm **Suffix/ST**
Flat Base **Suffix/F**
Cant Outer 50mm **Suffix/C**
Wide Outer 125mm **Suffix/WO**

Lintel Properties

Ixx cm4 3056.24
Zxx cm3 225.32
Weight kg/m 31.39
Area cm2 39.96
Ryy cm 4.88

Optional Features

Lintray **Prefix L**
Feature Brick **Suffix/FB**
Step 20mm **Suffix/ST**
Flat Base **Suffix/F**
Cant Outer 50mm **Suffix/C**
Wide Outer 125mm **Suffix/WO**

Lintel Properties

Ixx cm4 5619.09
Zxx cm3 411.41
Weight kg/m 51.18
Area cm2 65.15
Ryy cm 4.66

Optional Features

Lintray **Prefix L**
Feature Brick **Suffix/FB**
Step 20mm **Suffix/ST**
Flat Base **Suffix/F**
Cant Outer 50mm **Suffix/C**
Wide Outer 125mm **Suffix/WO**

Lintel Properties

Ixx cm4 6589.69
Zxx cm3 382.96
Weight kg/m 42.09
Area cm2 53.58
Ryy cm 4.44

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	188	600	900	175
750	1050	80	900	1200	188	900	1200	175
900	1200	80	1200	1500	188	1200	1500	175
1050	1350	80	1500	1800	188	1500	1800	175
1200	1500	80	1800	2100	188	1800	2100	175
1350	1650	80	2100	2400	188	2100	2400	175
1500	1800	80	2400	2700	188	2400	2700	175
1650	1950	80	2700	3000	188	2700	3000	175
1800	2100	80	3000	3300	188	3000	3300	175
1950	2250	80	3300	3600	171	3300	3600	159
2100	2400	80	3600	3900	157	3600	3900	147
2250	2550	80	3900	4200	146	3900	4200	136
2400	2700	80	4200	4500	133	4200	4500	126
2550	2850	80	4500	4800	116	4500	4800	118
2700	3000	80	4800	5100	102	4800	5100	111
2850	3150	80	5100	5400	91	5100	5400 *	105
3000	3300	80	5400	5700	81	5400	5700 *	95
3150	3450	80	5700	6000	73	5700	6000 *	86
3300	3600	80	6000	6300	66	6000	6300 *	78
3450	3750	78	6300	6600	60	6300	6600 *	70
3600	3900	75	6600	6900	55	6600	6900 *	64
3750	4050	72	6900	7200	50	6900	7200 *	59
3900	4200	69	7200	7500	46	7200	7500 *	54
4050	4350	67	7500	7800	43	7500	7800 *	50
4200	4500	65	7800	8100	39	7800	8100 *	46
4350	4650	63	8100	8400	36	8100	8400 *	43
4500	4800	60						

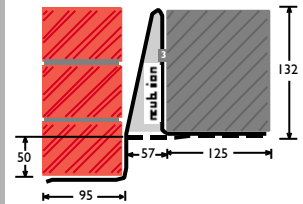
Material Details - Page 10

* Not available in Material D

EXAMPLES

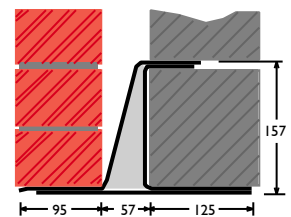
To show how optional features are coded

SC60Ea/ST50



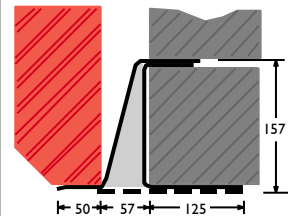
Lintel shown with optional step (ST) 50

MC60Ea/F



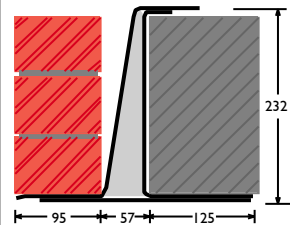
Lintel shown with optional flat base (F)

MC60Ea/C



Lintel shown with optional cant outer (C)

MC60Eb/F



Lintel shown with optional flat base (F)

SC60EEa

Cavity + Inner Max 260mm
Any variation of design available

SC60EEb

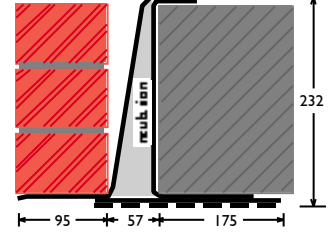
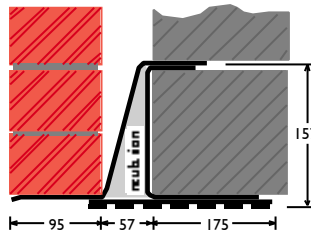
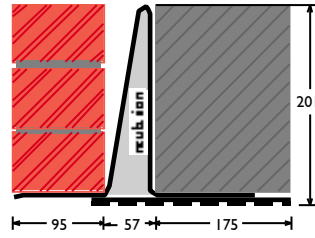
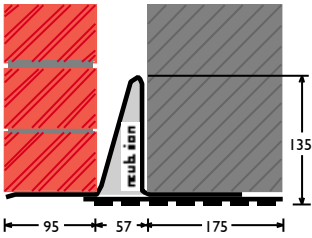
Cavity + Inner Max 260mm
Any variation of design available

MC60EEa

Cavity + Inner Max 260mm
Any variation of design available

MC60EEb

Cavity + Inner Max 260mm
Any variation of design available



Optional Features	
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features	
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features	
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features	
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties	
Ixx cm ⁴	394.92
Zxx cm ³	37.53
Weight kg/m	19.48
Area cm ²	24.79
Ryy cm	7.04

Lintel Properties	
Ixx cm ⁴	1188.66
Zxx cm ³	79.45
Weight kg/m	23.12
Area cm ²	29.43
Ryy cm	6.58

Lintel Properties	
Ixx cm ⁴	1066.21
Zxx cm ³	99.99
Weight kg/m	22.81
Area cm ²	29.03
Ryy cm	6.32

Lintel Properties	
Ixx cm ⁴	2501.53
Zxx cm ³	161.15
Weight kg/m	26.33
Area cm ²	33.52
Ryy cm	5.92

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5
600	900	35
750	1050	35
900	1200	35
1050	1350	35
1200	1500	33
1350	1650	30
1500	1800	25
1650	1950	25
1800	2100	20
1950	2250	20
2100	2400	20
2250	2550	19
2400	2700	
2550	2850	
2700	3000	
2850	3150	
3000	3300	
3150	3450	
3300	3600	
3450	3750	
3600	3900	
3750	4050	
3900	4200	
4050	4350	
4200	4500	
4350	4650	
4500	4800	

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5
600	900	50
750	1050	50
900	1200	50
1050	1350	50
1200	1500	50
1350	1650	50
1500	1800	50
1650	1950	50
1800	2100	50
1950	2250	46
2100	2400	43
2250	2550	41
2400	2700	38
2550	2850	36
2700	3000	34
2850	3150	33
3000	3300	30
3150	3450	30
3300	3600	28
3450	3750	27
3600	3900	26
3750	4050	25
3900	4200	24
4050	4350	23
4200	4500	22
4350	4650	21
4500	4800	20

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	40
750	1050	40
900	1200	40
1050	1350	40
1200	1500	40
1350	1650	40
1500	1800	40
1650	1950	40
1800	2100	40
1950	2250	40
2100	2400	40
2250	2550	40
2400	2700	40
2550	2850	40
2700	3000	40
2850	3150	40
3000	3300	39
3150	3450	37
3300	3600	36
3450	3750	34
3600	3900	32
3750	4050	30
3900	4200	28
4050	4350	26
4200	4500	24
4350	4650	22
4500	4800	21

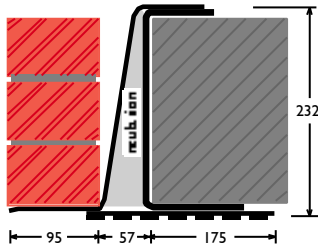
Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	60
750	1050	60
900	1200	60
1050	1350	60
1200	1500	60
1350	1650	60
1500	1800	60
1650	1950	60
1800	2100	60
1950	2250	60
2100	2400	60
2250	2550	60
2400	2700	60
2550	2850	60
2700	3000	60
2850	3150	60
3000	3300	60
3150	3450	60
3300	3600	58
3450	3750	56
3600	3900	53
3750	4050	50
3900	4200	50
4050	4350	48
4200	4500	46
4350	4650	45
4500	4800	43

OUTER: 95-115 CAVITY: 57-71 INNER: 175-200

HEAVY DUTY

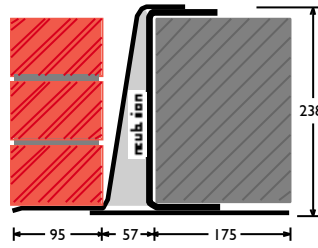
HC60EE

Cavity + Inner Max 260mm
Any variation of design available



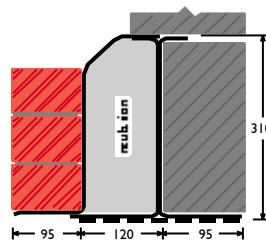
EAL6 60EE

Cavity + Inner Max 260mm
Any variation of design available



HD4 220

Cavity + Inner Max 260mm
Any variation of design available



Optional Features

- Lintray
- Feature Brick
- Step 20mm
- Flat Base
- Cant Outer 50mm
- Wide Inner 200mm
- Wide Outer 125mm
- Prefix L
- Suffix/FB
- Suffix/ST
- Suffix/F
- Suffix/C
- Suffix/WI
- Suffix/WO

Lintel Properties

Ixx cm4	3592.43
Zxx cm3	241.63
Weight kg/m	36.26
Area cm2	46.15
Ryy cm	5.67

Optional Features

- Lintray
- Feature Brick
- Step 20mm
- Flat Base
- Cant Outer 50mm
- Wide Inner 200mm
- Wide Outer 125mm
- Prefix L
- Suffix/FB
- Suffix/ST
- Suffix/F
- Suffix/C
- Suffix/WI
- Suffix/WO

Lintel Properties

Ixx cm4	5815.80
Zxx cm3	417.31
Weight kg/m	52.75
Area cm2	67.15
Ryy cm	5.17

Optional Features

- Lintray
- Feature Brick
- Step 20mm
- Flat Base
- Cant Outer 50mm
- Wide Outer 125mm
- Prefix L
- Suffix/FB
- Suffix/ST
- Suffix/F
- Suffix/C
- Suffix/WO

Lintel Properties

Ixx cm4	7640.74
Zxx cm3	449.27
Weight kg/m	45.52
Area cm2	57.95
Ryy cm	6.27

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	80
1500	1800	80
1650	1950	80
1800	2100	80
1950	2250	80
2100	2400	80
2250	2550	80
2400	2700	80
2550	2850	80
2700	3000	80
2850	3150	80
3000	3300	80
3150	3450	80
3300	3600	80
3450	3750	78
3600	3900	74
3750	4050	72
3900	4200	69
4050	4350	64
4200	4500	62
4350	4650	60
4500	4800	60

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	190
900	1200	190
1200	1500	190
1500	1800	190
1800	2100	190
2100	2400	190
2400	2700	190
2700	3000	190
3000	3300	190
3300	3600	174
3600	3900	160
3900	4200	148
4200	4500	137
4500	4800	120
4800	5100	106
5100	5400	94
5400	5700	84
5700	6000	76
6000	6300	68
6300	6600	62
6600	6900	57
6900	7200	52
7200	7500	48
7500	7800	44
7800	8100	41
8100	8400	38

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	196
900	1200	196
1200	1500	196
1500	1800	196
1800	2100	196
2100	2400	196
2400	2700	196
2700	3000	196
3000	3300	196
3300	3600	187
3600	3900	172
3900	4200	159
4200	4500	148
4500	4800	139
4800	5100	130
5100	5400	123
5400	5700	111
5700	6000	100
6000	6300	90
6300	6600	82
6600	6900	75
6900	7200	68
7200	7500	63
7500	7800	58
7800	8100	54
8100	8400	50

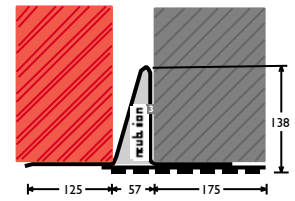
Material Details - Page 10

* Not available in Material D

EXAMPLES

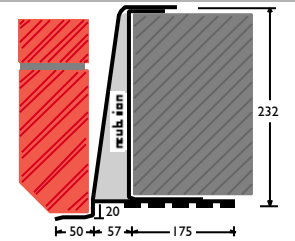
To show how optional features are coded

SC60EEa/WO



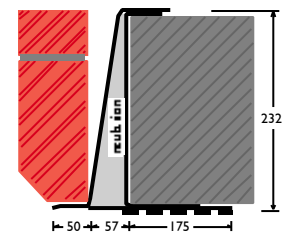
Lintel shown with optional wide outer (WO)

MC60EEb/ST/C



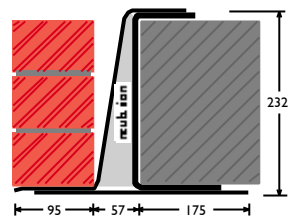
Lintel shown with optional step (ST) and cant (C)

MC60EEb/C



Lintel shown with optional cant (C)

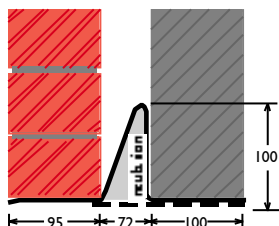
HC60EE/F



Lintel shown with optional flat base (F)

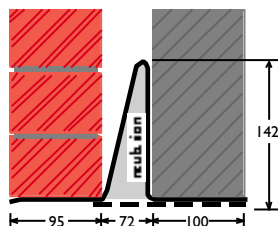
SC80a

Cavity + Inner Max 195mm
Any variation of design available



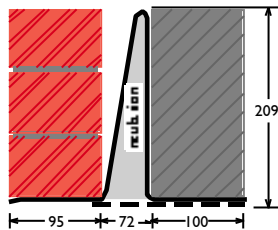
SC80b

Cavity + Inner Max 195mm
Any variation of design available



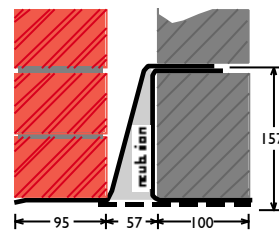
SC80c

Cavity + Inner Max 195mm
Any variation of design available



MC80a

Cavity + Inner Max 195mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	155.87
Zxx cm3	20.72
Weight kg/m	11.39
Area cm2	14.50
Ryy cm	6.20

Lintel Properties

Ixx cm4	384.84
Zxx cm3	38.03
Weight kg/m	13.56
Area cm2	17.26
Ryy cm	5.75

Lintel Properties

Ixx cm4	1065.47
Zxx cm3	76.12
Weight kg/m	17.17
Area cm2	21.86
Ryy cm	5.19

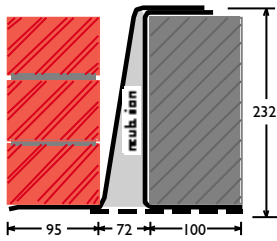
Lintel Properties

Ixx cm4	827.32
Zxx cm3	88.15
Weight kg/m	16.94
Area cm2	21.57
Ryy cm	5.48

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	20	600	900	30	600	900	50	600	900	40
750	1050	20	750	1050	30	750	1050	50	750	1050	40
900	1200	20	900	1200	30	900	1200	50	900	1200	40
1050	1350	20	1050	1350	30	1050	1350	50	1050	1350	40
1200	1500	18	1200	1500	30	1200	1500	50	1200	1500	40
1350	1650	16	1350	1650	30	1350	1650	50	1350	1650	40
1500	1800	15	1500	1800	28	1500	1800	50	1500	1800	40
1650	1950	14	1650	1950	25	1650	1950	50	1650	1950	40
1800	2100		1800	2100	24	1800	2100	48	1800	2100	40
1950	2250		1950	2250	22	1950	2250	44	1950	2250	40
2100	2400		2100	2400	20	2100	2400	41	2100	2400	40
2250	2550		2250	2550	19	2250	2550	39	2250	2550	40
2400	2700		2400	2700	18	2400	2700	37	2400	2700	40
2550	2850		2550	2850	17	2550	2850	35	2550	2850	40
2700	3000		2700	3000		2700	3000	33	2700	3000	38
2850	3150		2850	3150		2850	3150	31	2850	3150	36
3000	3300		3000	3300		3000	3300	30	3000	3300	34
3150	3450		3150	3450		3150	3450	28	3150	3450	32
3300	3600		3300	3600		3300	3600	27	3300	3600	29
3450	3750		3450	3750		3450	3750	26	3450	3750	27
3600	3900		3600	3900		3600	3900	25	3600	3900	25
3750	4050		3750	4050		3750	4050	24	3750	4050	23
3900	4200		3900	4200		3900	4200	23	3900	4200	21
4050	4350		4050	4350		4050	4350	22	4050	4350	20
4200	4500		4200	4500		4200	4500	22	4200	4500	18
4350	4650		4350	4650		4350	4650	20	4350	4650	17
4500	4800		4500	4800		4500	4800	20	4500	4800	16

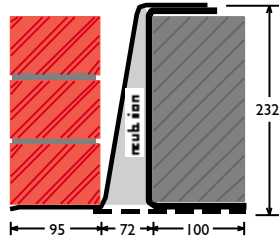
MC80b

Cavity + Inner Max 195mm
Any variation of design available



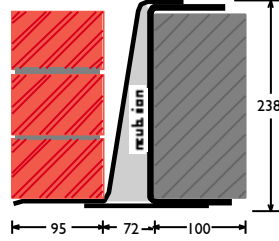
HC80

Cavity + Inner Max 195mm
Any variation of design available



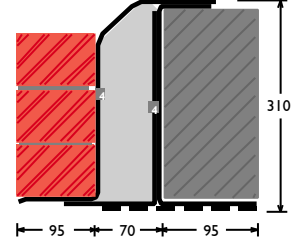
EAL6 80

Cavity + Inner Max 195mm
Any variation of design available



HD4 170

Cavity + Inner Max 195mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	1926.32
Zxx cm3	139.40
Weight kg/m	20.40
Area cm2	25.97
Ryy cm	4.93

Lintel Properties

Ixx cm4	2755.14
Zxx cm3	203.18
Weight kg/m	29.31
Area cm2	37.31
Ryy cm	4.73

Lintel Properties

Ixx cm4	5421.04
Zxx cm3	406.49
Weight kg/m	49.47
Area cm2	62.97
Ryy cm	4.96

Lintel Properties

Ixx cm4	6589.69
Zxx cm3	382.96
Weight kg/m	42.09
Area cm2	53.58
Ryy cm	4.44

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	60	600	900	80	600	900	185	600	900	175
750	1050	60	750	1050	80	900	1200	185	900	1200	175
900	1200	60	900	1200	80	1200	1500	185	1200	1500	175
1050	1350	60	1050	1350	80	1500	1800	185	1500	1800	175
1200	1500	60	1200	1500	80	1800	2100	185	1800	2100	175
1350	1650	60	1350	1650	80	2100	2400	185	2100	2400	175
1500	1800	60	1500	1800	80	2400	2700	185	2400	2700	175
1650	1950	60	1650	1950	80	2700	3000	185	2700	3000	175
1800	2100	60	1800	2100	80	3000	3300	185	3000	3300	175
1950	2250	60	1950	2250	80	3300	3600	169	3300	3600	159
2100	2400	60	2100	2400	80	3600	3900	156	3600	3900	147
2250	2550	60	2250	2550	80	3900	4200	144	3900	4200	136
2400	2700	60	2400	2700	80	4200	4500	128	4200	4500	126
2550	2850	60	2550	2850	80	4500	4800	112	4500	4800	118
2700	3000	60	2700	3000	80	4800	5100	99	4800	5100	111
2850	3150	58	2850	3150	80	5100	5400	88	5100	5400 *	105
3000	3300	55	3000	3300	80	5400	5700	78	5400	5700 *	95
3150	3450	52	3150	3450	77	5700	6000	70	5700	6000 *	86
3300	3600	50	3300	3600	73	6000	6300	64	6000	6300 *	78
3450	3750	48	3450	3750	70	6300	6600	58	6300	6600 *	70
3600	3900	46	3600	3900	67	6600	6900	53	6600	6900 *	64
3750	4050	44	3750	4050	65	6900	7200	48	6900	7200 *	59
3900	4200	43	3900	4200	63	7200	7500	44	7200	7500 *	54
4050	4350	41	4050	4350	60	7500	7800	41	7500	7800 *	50
4200	4500	40	4200	4500	58	7800	8100	38	7800	8100 *	46
4350	4650	38	4350	4650	56	8100	8400	35	8100	8400 *	43
4500	4800	37	4500	4800	55	Material Details - Page 10			* Not available in Material D		

SC80Ea

Cavity + Inner Max 225mm
Any variation of design available

SC80Eb

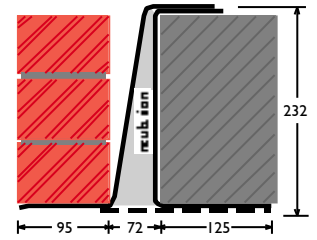
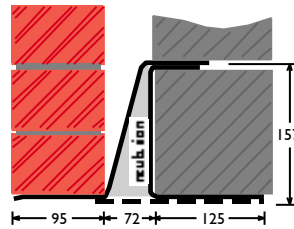
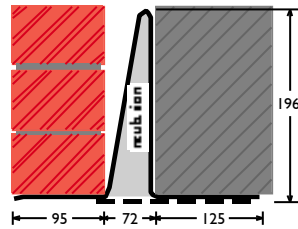
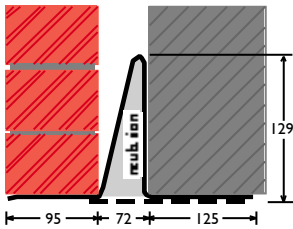
Cavity + Inner Max 225mm
Any variation of design available

MC80Ea

Cavity + Inner Max 225mm
Any variation of design available

MC80Eb

Cavity + Inner Max 225mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	310.60
Zxx cm3	32.61
Weight kg/m	13.61
Area cm2	17.34
Ryy cm	6.49

Lintel Properties

Ixx cm4	940.71
Zxx cm3	69.41
Weight kg/m	17.24
Area cm2	21.94
Ryy cm	5.86

Lintel Properties

Ixx cm4	797.40
Zxx cm3	80.03
Weight kg/m	17.10
Area cm2	21.76
Ryy cm	5.93

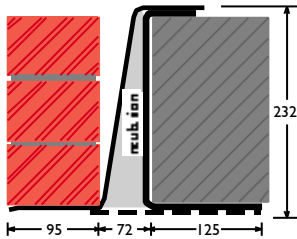
Lintel Properties

Ixx cm4	1855.15
Zxx cm3	127.46
Weight kg/m	20.53
Area cm2	26.13
Ryy cm	5.42

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	50	600	900	40	600	900	60
750	1050	30	750	1050	50	750	1050	40	750	1050	60
900	1200	30	900	1200	50	900	1200	40	900	1200	60
1050	1350	30	1050	1350	50	1050	1350	40	1050	1350	60
1200	1500	25	1200	1500	50	1200	1500	40	1200	1500	60
1350	1650	25	1350	1650	50	1350	1650	40	1350	1650	60
1500	1800	25	1500	1800	50	1500	1800	40	1500	1800	60
1650	1950	22	1650	1950	47	1650	1950	40	1650	1950	60
1800	2100	20	1800	2100	43	1800	2100	40	1800	2100	60
1950	2250	19	1950	2250	40	1950	2250	40	1950	2250	60
2100	2400	17	2100	2400	38	2100	2400	40	2100	2400	60
2250	2550	10	2250	2550	35	2250	2550	40	2250	2550	60
2400	2700		2400	2700	33	2400	2700	39	2400	2700	60
2550	2850		2550	2850	32	2550	2850	36	2550	2850	58
2700	3000		2700	3000	30	2700	3000	35	2700	3000	55
2850	3150		2850	3150	28	2850	3150	33	2850	3150	53
3000	3300		3000	3300	27	3000	3300	31	3000	3300	50
3150	3450		3150	3450	26	3150	3450	30	3150	3450	48
3300	3600		3300	3600	25	3300	3600	28	3300	3600	46
3450	3750		3450	3750	24	3450	3750	26	3450	3750	44
3600	3900		3600	3900	23	3600	3900	24	3600	3900	42
3750	4050		3750	4050	22	3750	4050	22	3750	4050	41
3900	4200		3900	4200	21	3900	4200	21	3900	4200	39
4050	4350		4050	4350	20	4050	4350	19	4050	4350	38
4200	4500		4200	4500	20	4200	4500	18	4200	4500	36
4350	4650		4350	4650	19	4350	4650	17	4350	4650	35
4500	4800		4500	4800	18	4500	4800	16	4500	4800	34

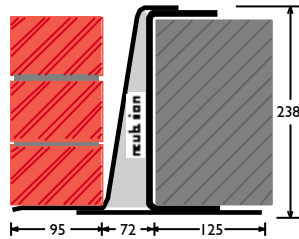
HC80E

Cavity + Inner Max 225mm
Any variation of design available



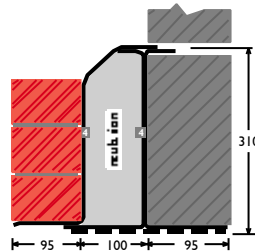
EAL6 80E

Cavity + Inner Max 225mm
Any variation of design available



HD4 200

Cavity + Inner Max 225mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	3055.47
Zxx cm3	223.57
Weight kg/m	31.35
Area cm2	39.90
Ryy cm	5.27

Lintel Properties

Ixx cm4	5729.97
Zxx cm3	415.38
Weight kg/m	51.86
Area cm2	66.01
Ryy cm	5.19

Lintel Properties

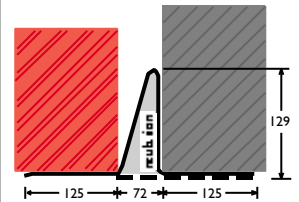
Ixx cm4	7381.67
Zxx cm3	437.08
Weight kg/m	44.67
Area cm2	56.86
Ryy cm	5.38

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	189	600	900	199
750	1050	80	900	1200	189	900	1200	199
900	1200	80	1200	1500	189	1200	1500	199
1050	1350	80	1500	1800	189	1500	1800	199
1200	1500	80	1800	2100	189	1800	2100	199
1350	1650	80	2100	2400	189	2100	2400	199
1500	1800	80	2400	2700	189	2400	2700	199
1650	1950	80	2700	3000	189	2700	3000	199
1800	2100	80	3000	3300	189	3000	3300	199
1950	2250	80	3300	3600	173	3300	3600	182
2100	2400	80	3600	3900	159	3600	3900	167
2250	2550	80	3900	4200	147	3900	4200	155
2400	2700	80	4200	4500	135	4200	4500	144
2550	2850	80	4500	4800	118	4500	4800	135
2700	3000	80	4800	5100	104	4800	5100	127
2850	3150	80	5100	5400	93	5100	5400 *	119
3000	3300	80	5400	5700	83	5400	5700 *	107
3150	3450	80	5700	6000	75	5700	6000 *	96
3300	3600	80	6000	6300	67	6000	6300 *	87
3450	3750	78	6300	6600	61	6300	6600 *	79
3600	3900	75	6600	6900	56	6600	6900 *	72
3750	4050	72	6900	7200	51	6900	7200 *	66
3900	4200	69	7200	7500	47	7200	7500 *	61
4050	4350	67	7500	7800	43	7500	7800 *	56
4200	4500	65	7800	8100	40	7800	8100 *	52
4350	4650	63	8100	8400	37	8100	8400 *	48
4500	4800	60	Material Details - Page 10			* Not available in Material D		

EXAMPLES

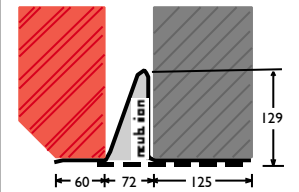
To show how optional features are coded

SC80Ea/WO



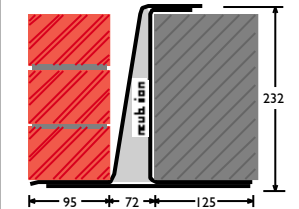
Lintel shown with optional wide outer (WO)

SC80Ea/C 60



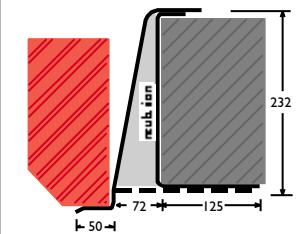
Lintel shown with optional 60mm cant outer (C 60)

MC80Eb/F



Lintel shown with optional flat base (F)

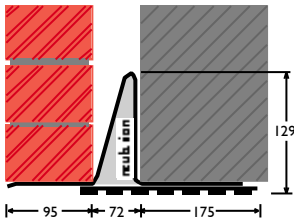
MC80Eb/ST/C



Lintel shown with optional step (ST) and cant outer (C)

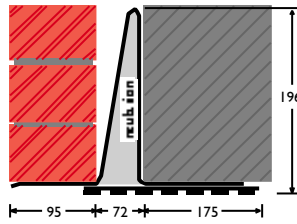
SC80EEa

Cavity + Inner Max 275mm
(300mm with WI)



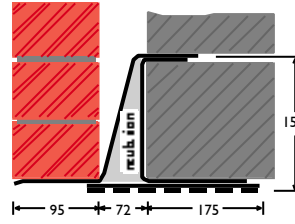
SC80EEb

Cavity + Inner Max 275mm
(300mm with WI)



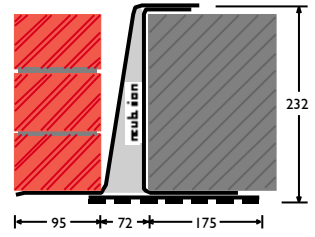
MC80EEa

Cavity + Inner Max 275mm
(300mm with WI)



MC80EEb

Cavity + Inner Max 275mm
(300mm with WI)



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm ⁴	374.27
Zxx cm ³	35.65
Weight kg/m	18.69
Area cm ²	23.79
Ryy cm	7.32

Lintel Properties

Ixx cm ⁴	1141.15
Zxx cm ³	76.78
Weight kg/m	22.19
Area cm ²	28.24
Ryy cm	6.99

Lintel Properties

Ixx cm ⁴	1090.55
Zxx cm ³	100.40
Weight kg/m	23.42
Area cm ²	29.82
Ryy cm	6.69

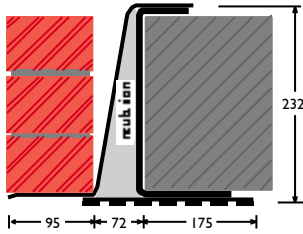
Lintel Properties

Ixx cm ⁴	2516.43
Zxx cm ³	158.98
Weight kg/m	26.86
Area cm ²	34.19
Ryy cm	6.28

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	50	600	900	40	600	900	60
750	1050	30	750	1050	50	750	1050	40	750	1050	60
900	1200	30	900	1200	50	900	1200	40	900	1200	60
1050	1350	30	1050	1350	50	1050	1350	40	1050	1350	60
1200	1500	27	1200	1500	50	1200	1500	40	1200	1500	60
1350	1650	25	1350	1650	50	1350	1650	40	1350	1650	60
1500	1800	23	1500	1800	49	1500	1800	40	1500	1800	60
1650	1950	21	1650	1950	45	1650	1950	40	1650	1950	60
1800	2100	19	1800	2100	42	1800	2100	40	1800	2100	60
1950	2250	18	1950	2250	39	1950	2250	40	1950	2250	60
2100	2400	17	2100	2400	37	2100	2400	40	2100	2400	60
2250	2550	16	2250	2550	34	2250	2550	40	2250	2550	60
2400	2700	16	2400	2700	32	2400	2700	40	2400	2700	60
2550	2850	16	2550	2850	31	2550	2850	40	2550	2850	60
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2850	3150	16	2850	3150	28	2850	3150	40	2850	3150	60
3000	3300	16	3000	3300	26	3000	3300	38	3000	3300	60
3150	3450	16	3150	3450	25	3150	3450	37	3150	3450	58
3300	3600	16	3300	3600	24	3300	3600	35	3300	3600	56
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4050	4350	16	4050	4350	20	4050	4350	25	4050	4350	46
4200	4500	16	4200	4500	19	4200	4500	24	4200	4500	45
4350	4650	16	4350	4650	19	4350	4650	22	4350	4650	43
4500	4800	16	4500	4800	19	4500	4800	20	4500	4800	40

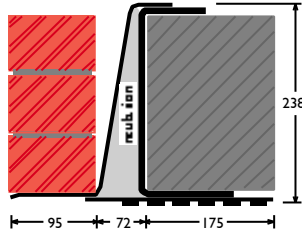
HC80EE

Cavity + Inner Max 275mm
(300mm with WI)



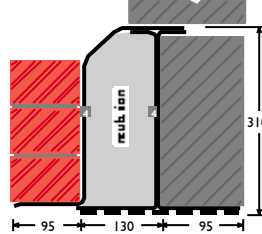
EAL6 80EE

Cavity + Inner Max 275mm
(300mm with WI)



HD4 235

Cavity + Inner Max 275mm
Any variation of design available



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	3719.11
Zxx cm3	247.22
Weight kg/m	37.83
Area cm2	48.15
Ryy cm	6.02

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	5885.13
Zxx cm3	416.92
Weight kg/m	53.30
Area cm2	67.85
Ryy cm	5.61

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	8186.97
Zxx cm3	492.43
Weight kg/m	47.26
Area cm2	60.16
Ryy cm	6.78

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
--------------	---------------	-----------------------------

600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	80
1500	1800	80
1650	1950	80
1800	2100	80
1950	2250	80
2100	2400	80
2250	2550	80
2400	2700	80
2550	2850	80
2700	3000	80
2850	3150	80
3000	3300	80
3150	3450	80
3300	3600	80
3450	3750	77
3600	3900	74
3750	4050	71
3900	4200	69
4050	4350	66
4200	4500	64
4350	4650	62
4500	4800	60

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
--------------	---------------	-----------------------------

600	900	190
900	1200	190
1200	1500	190
1500	1800	190
1800	2100	190
2100	2400	190
2400	2700	190
2700	3000	190
3000	3300	190
3300	3600	174
3600	3900	160
3900	4200	148
4200	4500	138
4500	4800	121
4800	5100	107
5100	5400	95
5400	5700	85
5700	6000	77
6000	6300	69
6300	6600	63
6600	6900	57
6900	7200	53
7200	7500	48
7500	7800	45
7800	8100	41
8100	8400	38

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
--------------	---------------	-----------------------------

600	900	225
900	1200	225
1200	1500	225
1500	1800	225
1800	2100	225
2100	2400	225
2400	2700	225
2700	3000	225
3000	3300	225
3300	3600	205
3600	3900	189
3900	4200	175
4200	4500	163
4500	4800	152
4800	5100	143
5100	5400 *	133
5400	5700 *	119
5700	6000 *	107
6000	6300 *	96
6300	6600 *	88
6600	6900 *	80
6900	7200 *	73
7200	7500 *	67
7500	7800 *	62
7800	8100 *	58
8100	8400 *	53

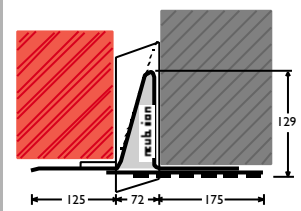
Material Details - Page 10

* Not available in Material D

EXAMPLES

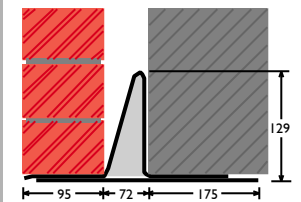
To show how optional features are coded

L/SC80EEa/WO



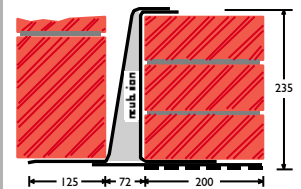
Lintel shown with optional lintray (L) and wide outer (WO)

SC80EEa/F



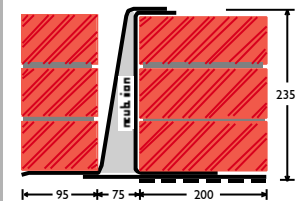
Lintel shown with optional flat base (F)

MC80EEb/WI/WO



Lintel shown with optional wide inner (WI) and wide outer (WO)

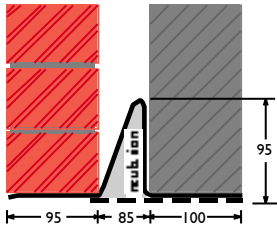
HC80EE/WI



Lintel shown with optional wide inner (WI)

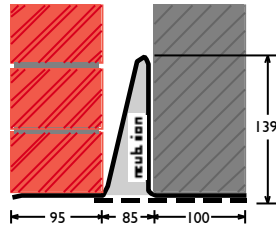
SC90a

Cavity + Inner Max 205mm
Any variation of design available



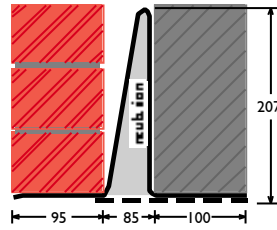
SC90b

Cavity + Inner Max 205mm
Any variation of design available



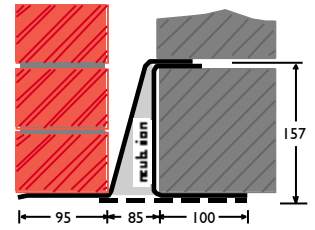
SC90c

Cavity + Inner Max 205mm
Any variation of design available



MC90a

Cavity + Inner Max 205mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	145.67
Zxx cm3	20.32
Weight kg/m	11.28
Area cm2	14.36
Ryy cm	6.61

Lintel Properties

Ixx cm4	374.64
Zxx cm3	37.76
Weight kg/m	13.46
Area cm2	17.14
Ryy cm	6.13

Lintel Properties

Ixx cm4	1051.27
Zxx cm3	75.71
Weight kg/m	17.06
Area cm2	21.72
Ryy cm	5.56

Lintel Properties

Ixx cm4	822.92
Zxx cm3	86.91
Weight kg/m	16.84
Area cm2	21.43
Ryy cm	5.84

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	20	600	900	30	600	900	50	600	900	40
750	1050	20	750	1050	30	750	1050	50	750	1050	40
900	1200	20	900	1200	30	900	1200	50	900	1200	40
1050	1350	20	1050	1350	30	1050	1350	50	1050	1350	40
1200	1500	18	1200	1500	30	1200	1500	50	1200	1500	40
1350	1650	16	1350	1650	30	1350	1650	50	1350	1650	40
1500	1800	15	1500	1800	28	1500	1800	50	1500	1800	40
1650	1950	13	1650	1950	25	1650	1950	50	1650	1950	40
1800	2100		1800	2100	23	1800	2100	47	1800	2100	40
1950	2250		1950	2250	22	1950	2250	44	1950	2250	40
2100	2400		2100	2400	20	2100	2400	41	2100	2400	40
2250	2550		2250	2550	19	2250	2550	39	2250	2550	40
2400	2700		2400	2700	18	2400	2700	36	2400	2700	40
2550	2850		2550	2850	17	2550	2850	34	2550	2850	40
2700	3000		2700	3000	16	2700	3000	33	2700	3000	38
2850	3150		2850	3150		2850	3150	31	2850	3150	36
3000	3300		3000	3300		3000	3300	30	3000	3300	34
3150	3450		3150	3450		3150	3450	28	3150	3450	32
3300	3600		3300	3600		3300	3600	27	3300	3600	29
3450	3750		3450	3750		3450	3750	26	3450	3750	27
3600	3900		3600	3900		3600	3900	25	3600	3900	25
3750	4050		3750	4050		3750	4050	24	3750	4050	23
3900	4200		3900	4200		3900	4200	23	3900	4200	21
4050	4350		4050	4350		4050	4350	22	4050	4350	20
4200	4500		4200	4500		4200	4500	21	4200	4500	18
4350	4650		4350	4650		4350	4650	21	4350	4650	17
4500	4800		4500	4800		4500	4800	20	4500	4800	16

MC90b

Cavity + Inner Max 205mm
Any variation of design available

HC90

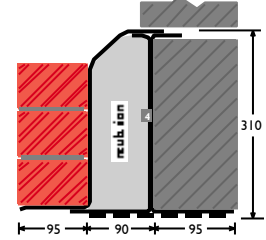
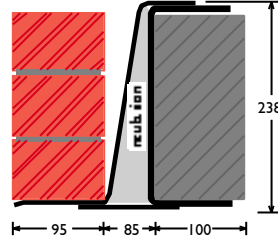
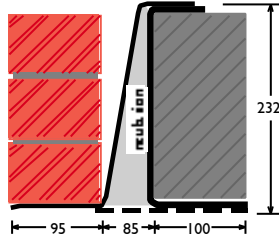
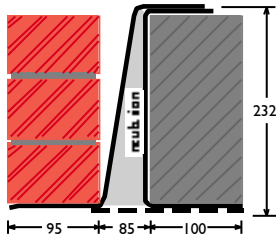
Cavity + Inner Max 205mm
Any variation of design available

EAL6 90

Cavity + Inner Max 205mm
Any variation of design available

HD4 190

Cavity + Inner Max 205mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	1917.80
Zxx cm3	138.13
Weight kg/m	20.28
Area cm2	25.81
Ryy cm	5.28

Lintel Properties

Ixx cm4	2870.30
Zxx cm3	216.12
Weight kg/m	29.65
Area cm2	37.74
Ryy cm	5.55

Lintel Properties

Ixx cm4	5401.75
Zxx cm3	403.76
Weight kg/m	49.28
Area cm2	62.73
Ryy cm	5.33

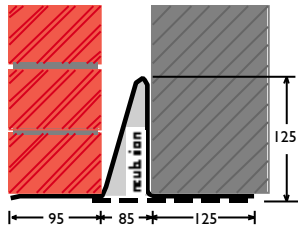
Lintel Properties

Ixx cm4	7046.47
Zxx cm3	418.30
Weight kg/m	43.51
Area cm2	55.38
Ryy cm	5.07

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	60	600	900	80	600	900	184	600	900	191
750	1050	60	750	1050	80	900	1200	184	900	1200	191
900	1200	60	900	1200	80	1200	1500	184	1200	1500	191
1050	1350	60	1050	1350	80	1500	1800	184	1500	1800	191
1200	1500	60	1200	1500	80	1800	2100	184	1800	2100	191
1350	1650	60	1350	1650	80	2100	2400	184	2100	2400	191
1500	1800	60	1500	1800	80	2400	2700	184	2400	2700	191
1650	1950	60	1650	1950	80	2700	3000	184	2700	3000	191
1800	2100	60	1800	2100	80	3000	3300	184	3000	3300	191
1950	2250	60	1950	2250	80	3300	3600	168	3300	3600	174
2100	2400	60	2100	2400	80	3600	3900	155	3600	3900	160
2250	2550	60	2250	2550	80	3900	4200	143	3900	4200	148
2400	2700	60	2400	2700	80	4200	4500	127	4200	4500	138
2550	2850	60	2550	2850	80	4500	4800	111	4500	4800	129
2700	3000	60	2700	3000	80	4800	5100	98	4800	5100	121
2850	3150	58	2850	3150	80	5100	5400	87	5100	5400 *	114
3000	3300	55	3000	3300	78	5400	5700	78	5400	5700 *	102
3150	3450	52	3150	3450	75	5700	6000	70	5700	6000 *	92
3300	3600	50	3300	3600	71	6000	6300	63	6000	6300 *	83
3450	3750	48	3450	3750	68	6300	6600	58	6300	6600 *	75
3600	3900	46	3600	3900	66	6600	6900	53	6600	6900 *	69
3750	4050	44	3750	4050	63	6900	7200	48	6900	7200 *	63
3900	4200	43	3900	4200	61	7200	7500	44	7200	7500 *	58
4050	4350	41	4050	4350	59	7500	7800	41	7500	7800 *	53
4200	4500	40	4200	4500	57	7800	8100	38	7800	8100 *	49
4350	4650	38	4350	4650	55	8100	8400	35	8100	8400 *	46
4500	4800	37	4500	4800	50	Material Details - Page 10			* Not available in Material D		

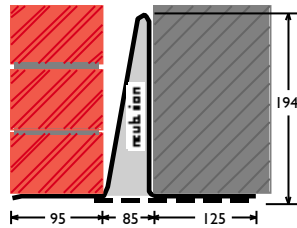
SC90Ea

Cavity + Inner Max 235mm
Any variation of design available



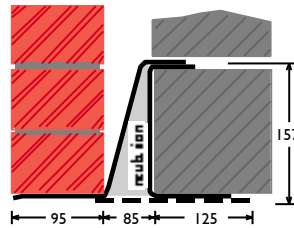
SC90Eb

Cavity + Inner Max 235mm
Any variation of design available



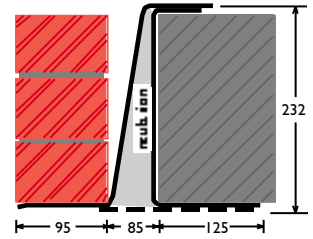
MC90Ea

Cavity + Inner Max 235mm
Any variation of design available



MC90Eb

Cavity + Inner Max 235mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	299.19
Zxx cm3	32.17
Weight kg/m	13.52
Area cm2	17.20
Ryy cm	6.87

Lintel Properties

Ixx cm4	921.30
Zxx cm3	68.78
Weight kg/m	17.10
Area cm2	21.77
Ryy cm	6.21

Lintel Properties

Ixx cm4	785.95
Zxx cm3	78.30
Weight kg/m	16.97
Area cm2	21.60
Ryy cm	6.27

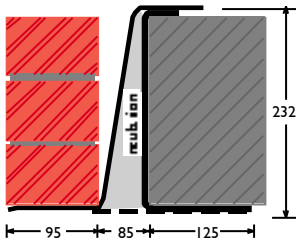
Lintel Properties

Ixx cm4	2073.51
Zxx cm3	148.11
Weight kg/m	21.35
Area cm2	27.18
Ryy cm	5.76

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	50	600	900	40	600	900	60
750	1050	30	750	1050	50	750	1050	40	750	1050	60
900	1200	30	900	1200	50	900	1200	40	900	1200	60
1050	1350	30	1050	1350	50	1050	1350	40	1050	1350	60
1200	1500	28	1200	1500	50	1200	1500	40	1200	1500	60
1350	1650	26	1350	1650	50	1350	1650	40	1350	1650	60
1500	1800	23	1500	1800	50	1500	1800	40	1500	1800	60
1650	1950	21	1650	1950	46	1650	1950	40	1650	1950	60
1800	2100	20	1800	2100	43	1800	2100	40	1800	2100	60
1950	2250	18	1950	2250	40	1950	2250	40	1950	2250	60
2100	2400	17	2100	2400	37	2100	2400	40	2100	2400	60
2250	2550	16	2250	2550	35	2250	2550	40	2250	2550	60
2400	2700	15	2400	2700	33	2400	2700	38	2400	2700	60
2550	2850	14	2550	2850	31	2550	2850	36	2550	2850	58
2700	3000		2700	3000	30	2700	3000	34	2700	3000	55
2850	3150		2850	3150	28	2850	3150	32	2850	3150	52
3000	3300		3000	3300	27	3000	3300	31	3000	3300	50
3150	3450		3150	3450	26	3150	3450	29	3150	3450	47
3300	3600		3300	3600	24	3300	3600	28	3300	3600	45
3450	3750		3450	3750	23	3450	3750	26	3450	3750	43
3600	3900		3600	3900	23	3600	3900	24	3600	3900	42
3750	4050		3750	4050	22	3750	4050	22	3750	4050	40
3900	4200		3900	4200	21	3900	4200	20	3900	4200	39
4050	4350		4050	4350	20	4050	4350	19	4050	4350	37
4200	4500		4200	4500	19	4200	4500	18	4200	4500	36
4350	4650		4350	4650	19	4350	4650	16	4350	4650	35
4500	4800		4500	4800	18	4500	4800	15	4500	4800	34

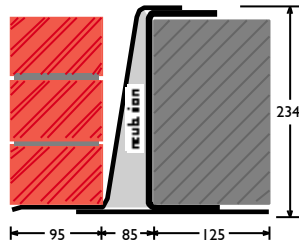
HC90E

Cavity + Inner Max 235mm
Any variation of design available



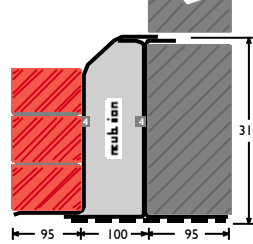
EAL6 90E

Cavity + Inner Max 235mm
Any variation of design available



HD4 200

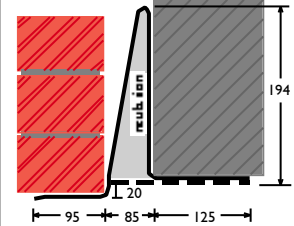
Cavity + Inner Max 235mm
Any variation of design available



EXAMPLES

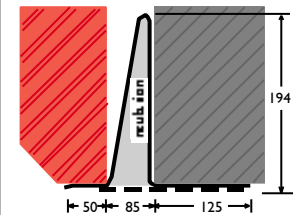
To show how optional features are coded

SC90Eb/ST



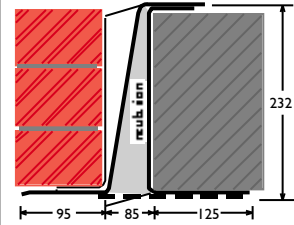
Lintel shown with optional step (ST)

SC90Eb/C



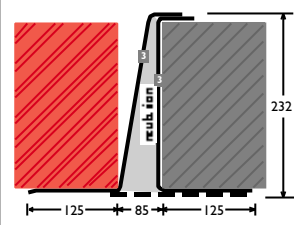
Lintel shown with optional cant outer (C)

L/MC90Eb



Lintel shown with optional lintray (L)

MC90Eb/WO



Lintel shown with optional wide outer (WO)

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	3143.72
Zxx cm3	199.35
Weight kg/m	35.40
Area cm2	45.06
Ryy cm	6.44

Lintel Properties

Ixx cm4	5401.75
Zxx cm3	403.76
Weight kg/m	49.28
Area cm2	62.73
Ryy cm	5.30

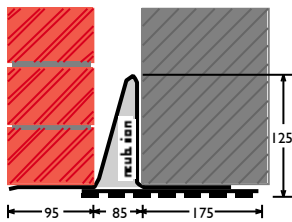
Lintel Properties

Ixx cm4	7381.67
Zxx cm3	437.08
Weight kg/m	44.67
Area cm2	56.86
Ryy cm	5.38

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	184	600	900	199
750	1050	80	900	1200	184	900	1200	199
900	1200	80	1200	1500	184	1200	1500	199
1050	1350	80	1500	1800	184	1500	1800	199
1200	1500	80	1800	2100	184	1800	2100	199
1350	1650	80	2100	2400	184	2100	2400	199
1500	1800	80	2400	2700	184	2400	2700	199
1650	1950	80	2700	3000	184	2700	3000	199
1800	2100	80	3000	3300	184	3000	3300	199
1950	2250	80	3300	3600	168	3300	3600	182
2100	2400	80	3600	3900	155	3600	3900	167
2250	2550	80	3900	4200	143	3900	4200	155
2400	2700	80	4200	4500	127	4200	4500	144
2550	2850	80	4500	4800	111	4500	4800	135
2700	3000	80	4800	5100	98	4800	5100	127
2850	3150	80	5100	5400	87	5100	5400 *	119
3000	3300	80	5400	5700	78	5400	5700 *	107
3150	3450	80	5700	6000	70	5700	6000 *	96
3300	3600	80	6000	6300	63	6000	6300 *	87
3450	3750	78	6300	6600	58	6300	6600 *	79
3600	3900	75	6600	6900	53	6600	6900 *	72
3750	4050	72	6900	7200	48	6900	7200 *	66
3900	4200	69	7200	7500	44	7200	7500 *	61
4050	4350	67	7500	7800	41	7500	7800 *	56
4200	4500	65	7800	8100	38	7800	8100 *	52
4350	4650	63	8100	8400	35	8100	8400 *	48
4500	4800	60	Material Details - Page 10			* Not available in Material D		

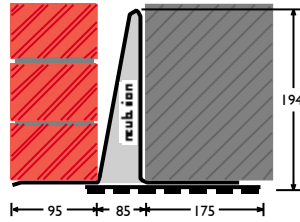
SC90EEa

Cavity + Inner Max 285mm
(310mm with WI)



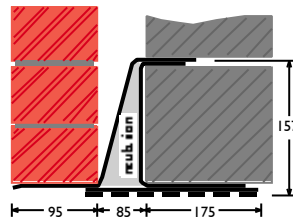
SC90EEb

Cavity + Inner Max 285mm
(310mm with WI)



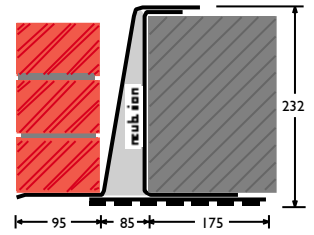
MC90EEa

Cavity + Inner Max 285mm
(310mm with WI)



MC90EEb

Cavity + Inner Max 285mm
(310mm with WI)



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm ⁴	371.24
Zxx cm ³	36.61
Weight kg/m	20.00
Area cm ²	25.45
Ryy cm	7.55

Lintel Properties

Ixx cm ⁴	1160.39
Zxx cm ³	78.31
Weight kg/m	23.58
Area cm ²	30.02
Ryy cm	7.05

Lintel Properties

Ixx cm ⁴	1075.05
Zxx cm ³	97.90
Weight kg/m	23.30
Area cm ²	29.65
Ryy cm	6.80

Lintel Properties

Ixx cm ⁴	2490.63
Zxx cm ³	156.50
Weight kg/m	26.74
Area cm ²	34.03
Ryy cm	6.37

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	50	600	900	40	600	900	60
750	1050	30	750	1050	50	750	1050	40	750	1050	60
900	1200	30	900	1200	50	900	1200	40	900	1200	60
1050	1350	30	1050	1350	50	1050	1350	40	1050	1350	60
1200	1500	30	1200	1500	50	1200	1500	40	1200	1500	60
1350	1650	30	1350	1650	50	1350	1650	40	1350	1650	60
1500	1800	27	1500	1800	50	1500	1800	40	1500	1800	60
1650	1950	25	1650	1950	50	1650	1950	40	1650	1950	60
1800	2100	23	1800	2100	49	1800	2100	40	1800	2100	60
1950	2250	21	1950	2250	46	1950	2250	40	1950	2250	60
2100	2400	20	2100	2400	43	2100	2400	40	2100	2400	60
2250	2550	18	2250	2550	40	2250	2550	40	2250	2550	60
2400	2700	17	2400	2700	38	2400	2700	40	2400	2700	60
2550	2850	16	2550	2850	36	2550	2850	40	2550	2850	60
2700	3000		2700	3000	34	2700	3000	40	2700	3000	60
2850	3150		2850	3150	32	2850	3150	40	2850	3150	60
3000	3300		3000	3300	31	3000	3300	38	3000	3300	60
3150	3450		3150	3450	29	3150	3450	37	3150	3450	60
3300	3600		3300	3600	28	3300	3600	35	3300	3600	56
3450	3750		3450	3750	27	3450	3750	34	3450	3750	54
3600	3900		3600	3900	26	3600	3900	32	3600	3900	52
3750	4050		3750	4050	25	3750	4050	30	3750	4050	50
3900	4200		3900	4200	24	3900	4200	28	3900	4200	48
4050	4350		4050	4350	22	4050	4350	26	4050	4350	46
4200	4500		4200	4500	22	4200	4500	24	4200	4500	45
4350	4650		4350	4650	21	4350	4650	23	4350	4650	43
4500	4800		4500	4800	20	4500	4800	21	4500	4800	42

OUTER: 95-115 CAVITY: 85-96 INNER: 175-200

HEAVY DUTY

HC90EE

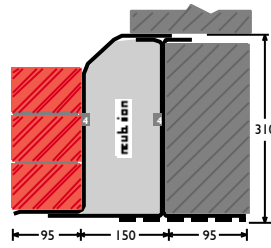
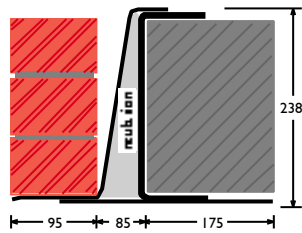
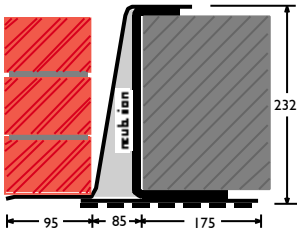
Cavity + Inner Max 285mm
(310mm with WI)

EAL6 90EE

Cavity + Inner Max 285mm
(310mm with WI)

HD4 250

Cavity + Inner Max 285mm
Any variation of design available



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	3791.63
Zxx cm3	253.16
Weight kg/m	38.02
Area cm2	48.39
Ryy cm	6.66

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	5904.91
Zxx cm3	415.68
Weight kg/m	53.46
Area cm2	68.05
Ryy cm	5.94

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	8487.15
Zxx cm3	499.31
Weight kg/m	48.46
Area cm2	61.69
Ryy cm	7.39

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	80
1500	1800	80
1650	1950	80
1800	2100	80
1950	2250	80
2100	2400	80
2250	2550	80
2400	2700	80
2550	2850	80
2700	3000	80
2850	3150	80
3000	3300	80
3150	3450	80
3300	3600	80
3450	3750	76
3600	3900	73
3750	4050	71
3900	4200	68
4050	4350	66
4200	4500	63
4350	4650	61
4500	4800	59

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	190
900	1200	190
1200	1500	190
1500	1800	190
1800	2100	190
2100	2400	190
2400	2700	190
2700	3000	190
3000	3300	190
3300	3600	173
3600	3900	159
3900	4200	147
4200	4500	137
4500	4800	122
4800	5100	107
5100	5400	95
5400	5700	85
6000	6300	69
6300	6600	63
6600	6900	58
6900	7200	53
7200	7500	48
7500	7800	45
7800	8100	41
8100	8400	38

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	228
900	1200	228
1200	1500	228
1500	1800	228
1800	2100	228
2100	2400	228
2400	2700	228
2700	3000	228
3000	3300	228
3300	3600	208
3600	3900	191
3900	4200	177
4200	4500	165
4500	4800	154
4800	5100	145
5100	5400 *	136
5400	5700 *	123
5700	6000 *	111
6000	6300 *	100
6300	6600 *	91
6600	6900 *	83
6900	7200 *	76
7200	7500 *	70
7500	7800 *	64
7800	8100 *	60
8100	8400 *	55

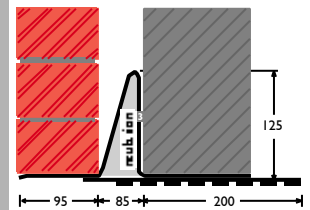
Material Details - Page 10

* Not available in Material D

EXAMPLES

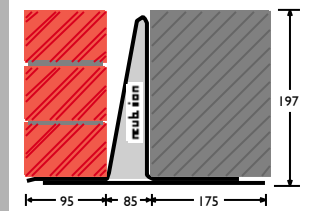
To show how optional features are coded

SC90EEa/WI



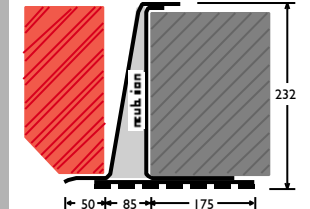
Lintel shown with optional wide inner (WI)

SC90EEb/F



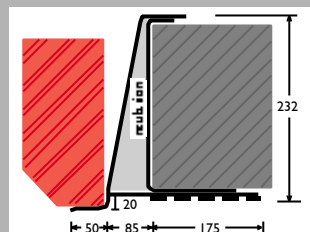
Lintel shown with optional flat base (F)

MC90EEb/C



Lintel shown with optional cant outer (C)

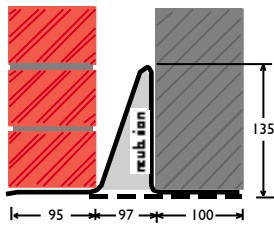
MC90EEb/ST/C



Lintel shown with optional step (ST) cant outer (C)

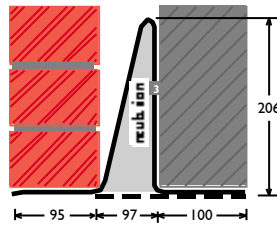
SCI00a

Cavity + Inner Max 220mm
Any variation of design available



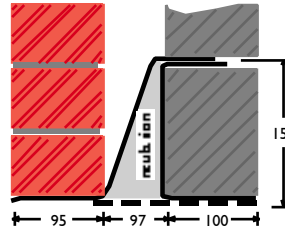
SCI00b

Cavity + Inner Max 220mm
Any variation of design available



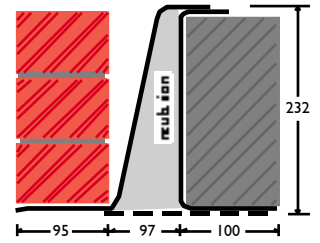
MCI00a

Cavity + Inner Max 220mm
Any variation of design available



MCI00b

Cavity + Inner Max 220mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	369.61
Zxx cm3	37.83
Weight kg/m	13.55
Area cm2	17.25
Ryy cm	6.59

Lintel Properties

Ixx cm4	1048.72
Zxx cm3	74.22
Weight kg/m	17.13
Area cm2	21.80
Ryy cm	5.99

Lintel Properties

Ixx cm4	825.45
Zxx cm3	85.90
Weight kg/m	16.90
Area cm2	21.51
Ryy cm	6.25

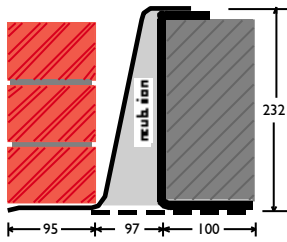
Lintel Properties

Ixx cm4	1921.59
Zxx cm3	136.92
Weight kg/m	20.32
Area cm2	25.86
Ryy cm	5.68

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	50	600	900	40	600	900	60
750	1050	30	750	1050	50	750	1050	40	750	1050	60
900	1200	30	900	1200	50	900	1200	40	900	1200	60
1050	1350	30	1050	1350	50	1050	1350	40	1050	1350	60
1200	1500	30	1200	1500	50	1200	1500	40	1200	1500	60
1350	1650	30	1350	1650	50	1350	1650	40	1350	1650	60
1500	1800	30	1500	1800	50	1500	1800	40	1500	1800	60
1650	1950	28	1650	1950	50	1650	1950	40	1650	1950	60
1800	2100	25	1800	2100	47	1800	2100	40	1800	2100	60
1950	2250	23	1950	2250	44	1950	2250	40	1950	2250	60
2100	2400	22	2100	2400	41	2100	2400	40	2100	2400	60
2250	2550	20	2250	2550	39	2250	2550	40	2250	2550	60
2400	2700	19	2400	2700	36	2400	2700	40	2400	2700	60
2550	2850	17	2550	2850	34	2550	2850	40	2550	2850	60
2700	3000		2700	3000	33	2700	3000	37	2700	3000	59
2850	3150		2850	3150	31	2850	3150	35	2850	3150	57
3000	3300		3000	3300	30	3000	3300	34	3000	3300	54
3150	3450		3150	3450	28	3150	3450	32	3150	3450	51
3300	3600		3300	3600	27	3300	3600	29	3300	3600	49
3450	3750		3450	3750	26	3450	3750	27	3450	3750	47
3600	3900		3600	3900	25	3600	3900	25	3600	3900	45
3750	4050		3750	4050	24	3750	4050	23	3750	4050	44
3900	4200		3900	4200	23	3900	4200	21	3900	4200	42
4050	4350		4050	4350	22	4050	4350	20	4050	4350	41
4200	4500		4200	4500	21	4200	4500	18	4200	4500	39
4350	4650		4350	4650	21	4350	4650	17	4350	4650	38
4500	4800		4500	4800	20	4500	4800	16	4500	4800	37

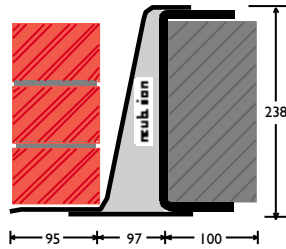
HC100

Cavity + Inner Max 220mm
Any variation of design available



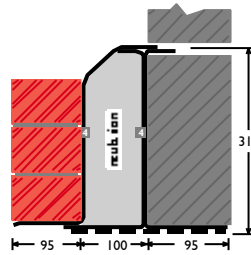
EAL6 100

Cavity + Inner Max 220mm
Any variation of design available



HD4 200

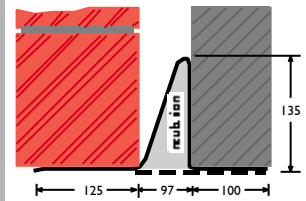
Cavity + Inner Max 220mm
Any variation of design available



EXAMPLES

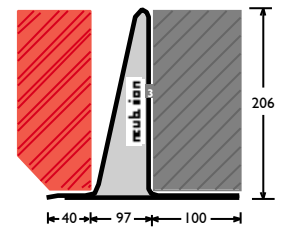
To show how optional features are coded

SCI100a/WO



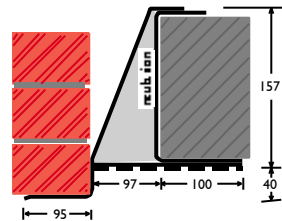
Lintel shown with optional wide outer (WO)

SCI100b/F/C 40



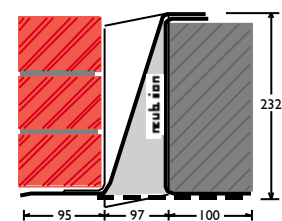
Lintel shown with optional flat base (F) and 40mm cant (C 40)

MC100a/ST 40



Lintel shown with optional step (ST 40)

L/MC100b



Lintel shown with optional lintray (L)

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	2850.58
Zxx cm3	224.77
Weight kg/m	29.09
Area cm2	37.02
Ryy cm	5.39

Lintel Properties

Ixx cm4	5371.44
Zxx cm3	399.72
Weight kg/m	49.06
Area cm2	62.45
Ryy cm	5.70

Lintel Properties

Ixx cm4	7381.67
Zxx cm3	437.08
Weight kg/m	44.67
Area cm2	56.86
Ryy cm	5.38

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	182	600	900	199
750	1050	80	900	1200	182	900	1200	199
900	1200	80	1200	1500	182	1200	1500	199
1050	1350	80	1500	1800	182	1500	1800	199
1200	1500	80	1800	2100	182	1800	2100	199
1350	1650	80	2100	2400	182	2100	2400	199
1500	1800	80	2400	2700	182	2400	2700	199
1650	1950	80	2700	3000	182	2700	3000	199
1800	2100	80	3000	3300	182	3000	3300	199
1950	2250	80	3300	3600	166	3300	3600	182
2100	2400	80	3600	3900	153	3600	3900	167
2250	2550	80	3900	4200	142	3900	4200	155
2400	2700	80	4200	4500	127	4200	4500	144
2550	2850	80	4500	4800	111	4500	4800	135
2700	3000	80	4800	5100	98	4800	5100	127
2850	3150	80	5100	5400	87	5100	5400 *	119
3000	3300	78	5400	5700	78	5400	5700 *	107
3150	3450	74	5700	6000	70	5700	6000 *	96
3300	3600	71	6000	6300	63	6000	6300 *	87
3450	3750	68	6300	6600	57	6300	6600 *	79
3600	3900	65	6600	6900	52	6600	6900 *	72
3750	4050	63	6900	7200	48	6900	7200 *	66
3900	4200	61	7200	7500	44	7200	7500 *	61
4050	4350	58	7500	7800	41	7500	7800 *	56
4200	4500	56	7800	8100	38	7800	8100 *	52
4350	4650	55	8100	8400	35	8100	8400 *	48
4500	4800	53	Material Details - Page 10			* Not available in Material D		

SCI00Ea

Cavity + Inner Max 250mm
Any variation of design available

SCI00Eb

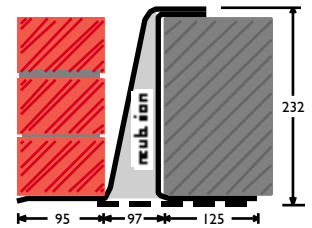
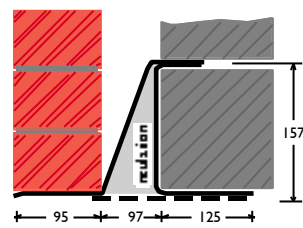
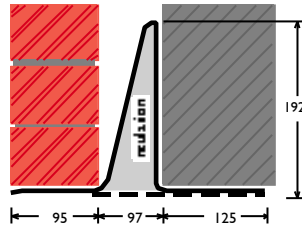
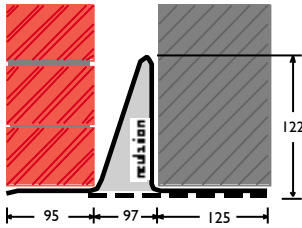
Cavity + Inner Max 250mm
Any variation of design available

MCI00Ea

Cavity + Inner Max 250mm
Any variation of design available

MCI00Eb

Cavity + Inner Max 250mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	290.29
Zxx cm3	32.19
Weight kg/m	13.45
Area cm2	17.12
Ryy cm	7.23

Lintel Properties

Ixx cm4	911.35
Zxx cm3	68.67
Weight kg/m	17.03
Area cm2	21.68
Ryy cm	6.54

Lintel Properties

Ixx cm4	795.53
Zxx cm3	78.92
Weight kg/m	16.99
Area cm2	21.63
Ryy cm	6.60

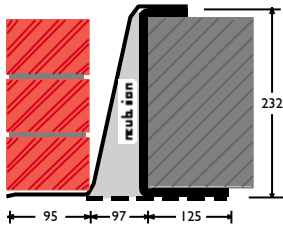
Lintel Properties

Ixx cm4	2071.39
Zxx cm3	147.48
Weight kg/m	21.29
Area cm2	27.09
Ryy cm	6.09

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	50	600	900	40	600	900	60
750	1050	30	750	1050	50	750	1050	40	750	1050	60
900	1200	30	900	1200	50	900	1200	40	900	1200	60
1050	1350	30	1050	1350	50	1050	1350	40	1050	1350	60
1200	1500	28	1200	1500	50	1200	1500	40	1200	1500	60
1350	1650	26	1350	1650	50	1350	1650	40	1350	1650	60
1500	1800	23	1500	1800	50	1500	1800	40	1500	1800	60
1650	1950	21	1650	1950	46	1650	1950	40	1650	1950	60
1800	2100	20	1800	2100	43	1800	2100	40	1800	2100	60
1950	2250	18	1950	2250	40	1950	2250	40	1950	2250	60
2100	2400	17	2100	2400	37	2100	2400	40	2100	2400	60
2250	2550	16	2250	2550	35	2250	2550	40	2250	2550	60
2400	2700	15	2400	2700	33	2400	2700	38	2400	2700	60
2550	2850	14	2550	2850	31	2550	2850	36	2550	2850	57
2700	3000		2700	3000	30	2700	3000	34	2700	3000	54
2850	3150		2850	3150	28	2850	3150	32	2850	3150	51
3000	3300		3000	3300	27	3000	3300	31	3000	3300	49
3150	3450		3150	3450	26	3150	3450	29	3150	3450	47
3300	3600		3300	3600	24	3300	3600	28	3300	3600	45
3450	3750		3450	3750	23	3450	3750	26	3450	3750	43
3600	3900		3600	3900	22	3600	3900	24	3600	3900	41
3750	4050		3750	4050	22	3750	4050	22	3750	4050	40
3900	4200		3900	4200	21	3900	4200	20	3900	4200	38
4050	4350		4050	4350	20	4050	4350	19	4050	4350	37
4200	4500		4200	4500	19	4200	4500	18	4200	4500	36
4350	4650		4350	4650	19	4350	4650	17	4350	4650	34
4500	4800		4500	4800	18	4500	4800	15	4500	4800	33

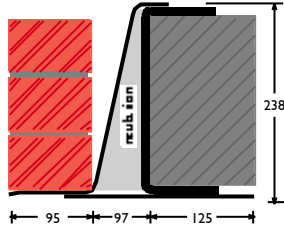
HC100E

Cavity + Inner Max 250mm
Any variation of design available



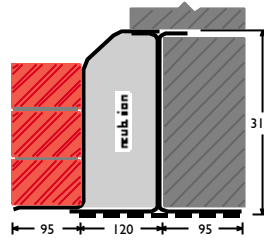
EAL6 100E

Cavity + Inner Max 250mm
Any variation of design available



HD4 220

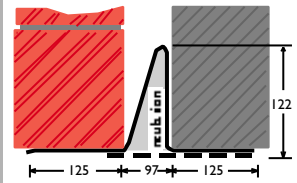
Cavity + Inner Max 250mm
Any variation of design available



EXAMPLES

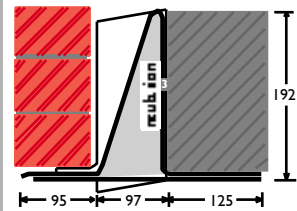
To show how optional features are coded

SCI100Ea/WO



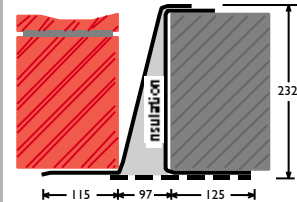
Lintel shown with optional wide outer (WO)

L/SCI100Eb/F



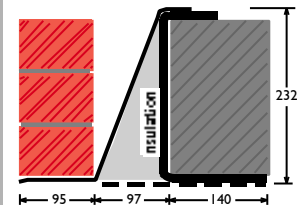
Lintel shown with optional lintray (L) and flat base (F)

MC100Eb/WO 115



Lintel shown with optional 115mm wide outer (WO 115)

HC100E/WI 140



Lintel shown with optional 140mm wide inner (WI 140)

Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/W

Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Optional Features

Lintray
Feature Brick
Step 20mm
Flat Base
Cant Outer 50mm
Wide Outer 125mm

Prefix L
Suffix/FB
Suffix/ST
Suffix/F
Suffix/C
Suffix/WO

Lintel Properties

Ixx cm4 3211.05
Zxx cm3 238.99
Weight kg/m 31.87
Area cm2 40.56
Ryy cm 5.85

Lintel Properties

Ixx cm4 5759.35
Zxx cm3 409.93
Weight kg/m 52.20
Area cm2 66.45
Ryy cm 5.90

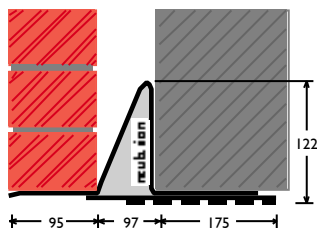
Lintel Properties

Ixx cm4 7640.74
Zxx cm3 449.27
Weight kg/m 45.52
Area cm2 57.95
Ryy cm 6.27

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	187	600	900	196
750	1050	80	900	1200	187	900	1200	196
900	1200	80	1200	1500	187	1200	1500	196
1050	1350	80	1500	1800	187	1500	1800	196
1200	1500	80	1800	2100	187	1800	2100	196
1350	1650	80	2100	2400	187	2100	2400	196
1500	1800	80	2400	2700	187	2400	2700	196
1650	1950	80	2700	3000	187	2700	3000	196
1800	2100	80	3000	3300	187	3000	3300	196
1950	2250	80	3300	3600	171	3300	3600	187
2100	2400	80	3600	3900	157	3600	3900	172
2250	2550	80	3900	4200	145	3900	4200	159
2400	2700	80	4200	4500	135	4200	4500	148
2550	2850	80	4500	4800	119	4500	4800	139
2700	3000	80	4800	5100	105	4800	5100	130
2850	3150	80	5100	5400	93	5100	5400 *	123
3000	3300	80	5400	5700	83	5400	5700 *	111
3150	3450	80	5700	6000	75	5700	6000 *	100
3300	3600	80	6000	6300	68	6000	6300 *	90
3450	3750	78	6300	6600	62	6300	6600 *	82
3600	3900	75	6600	6900	56	6600	6900 *	75
3750	4050	72	6900	7200	51	6900	7200 *	68
3900	4200	69	7200	7500	47	7200	7500 *	63
4050	4350	67	7500	7800	44	7500	7800 *	58
4200	4500	65	7800	8100	40	7800	8100 *	54
4350	4650	63	8100	8400	37	8100	8400 *	50
4500	4800	60	Material Details - Page 10			* Not available in Material D		

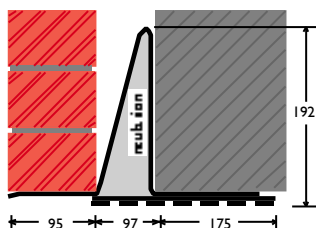
SCI00EEa

Cavity + Inner Max 300mm
(325mm with WI)



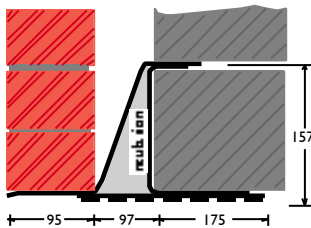
SCI00EEb

Cavity + Inner Max 300mm
(325mm with WI)



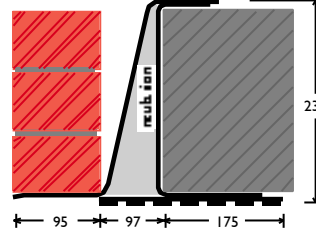
MCI00EEa

Cavity + Inner Max 300mm
(325mm with WI)



MCI00EEb

Cavity + Inner Max 300mm
(325mm with WI)



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm ⁴	361.76
Zxx cm ³	36.54
Weight kg/m	20.52
Area cm ²	26.12
Ryy cm	8.14

Lintel Properties

Ixx cm ⁴	1158.55
Zxx cm ³	78.37
Weight kg/m	24.10
Area cm ²	30.68
Ryy cm	7.62

Lintel Properties

Ixx cm ⁴	1082.49
Zxx cm ³	96.65
Weight kg/m	23.97
Area cm ²	30.51
Ryy cm	7.40

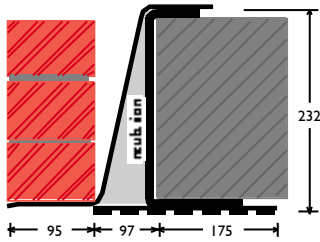
Lintel Properties

Ixx cm ⁴	2522.60
Zxx cm ³	156.05
Weight kg/m	27.39
Area cm ²	34.86
Ryy cm	6.97

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	30	600	900	40	600	900	40	600	900	60
750	1050	30	750	1050	40	750	1050	40	750	1050	60
900	1200	30	900	1200	40	900	1200	40	900	1200	60
1050	1350	30	1050	1350	40	1050	1350	40	1050	1350	60
1200	1500	30	1200	1500	40	1200	1500	40	1200	1500	60
1350	1650	30	1350	1650	40	1350	1650	40	1350	1650	60
1500	1800	27	1500	1800	40	1500	1800	40	1500	1800	60
1650	1950	24	1650	1950	40	1650	1950	40	1650	1950	60
1800	2100	23	1800	2100	40	1800	2100	40	1800	2100	60
1950	2250	21	1950	2250	40	1950	2250	40	1950	2250	60
2100	2400	20	2100	2400	40	2100	2400	40	2100	2400	60
2250	2550	18	2250	2550	40	2250	2550	40	2250	2550	60
2400	2700	17	2400	2700	38	2400	2700	40	2400	2700	60
2550	2850	16	2550	2850	36	2550	2850	40	2550	2850	60
2700	3000		2700	3000	34	2700	3000	40	2700	3000	60
2850	3150		2850	3150	32	2850	3150	40	2850	3150	60
3000	3300		3000	3300	31	3000	3300	38	3000	3300	60
3150	3450		3150	3450	29	3150	3450	36	3150	3450	60
3300	3600		3300	3600	28	3300	3600	35	3300	3600	59
3450	3750		3450	3750	27	3450	3750	33	3450	3750	56
3600	3900		3600	3900	26	3600	3900	32	3600	3900	54
3750	4050		3750	4050	25	3750	4050	30	3750	4050	52
3900	4200		3900	4200	24	3900	4200	28	3900	4200	50
4050	4350		4050	4350	23	4050	4350	26	4050	4350	48
4200	4500		4200	4500	22	4200	4500	24	4200	4500	46
4350	4650		4350	4650	21	4350	4650	23	4350	4650	45
4500	4800		4500	4800	20	4500	4800	21	4500	4800	42

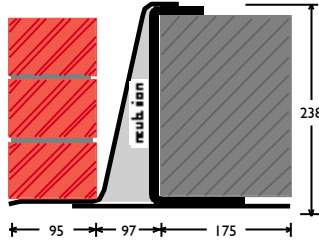
HC100EE

Cavity + Inner Max 300mm
(325mm with WI)



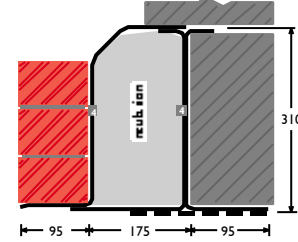
EAL6 100EE

Cavity + Inner Max 300mm
(325mm with WI)



HD4 275

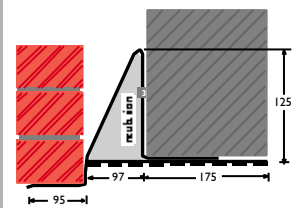
Cavity + Inner Max 300mm
Any variation of design available



EXAMPLES

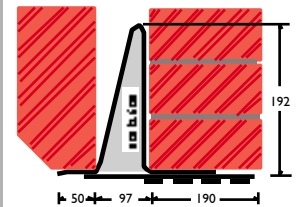
To show how optional features are coded

SC100EEa/ST



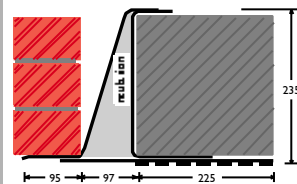
Lintel shown with optional step (ST)

SC100EEb/C/WI 190



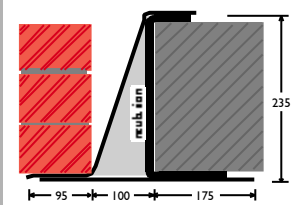
Lintel shown with optional cant outer (C) and 190mm wide inner (WI 190)

MC100EEb/WI 225



Lintel shown with optional 225mm wide inner (WI 225)

HC100EE/F



Lintel shown with optional flat base

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm ⁴	3862.80
Zxx cm ³	260.46
Weight kg/m	37.71
Area cm ²	48.00
Ryy cm	6.60

Lintel Properties

Ixx cm ⁴	5936.31
Zxx cm ³	414.30
Weight kg/m	53.77
Area cm ²	68.45
Ryy cm	6.34

Lintel Properties

Ixx cm ⁴	8708.75
Zxx cm ³	505.65
Weight kg/m	49.34
Area cm ²	62.81
Ryy cm	8.39

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	80
1500	1800	80
1650	1950	80
1800	2100	80
1950	2250	80
2100	2400	80
2250	2550	80
2400	2700	80
2550	2850	80
2700	3000	80
2850	3150	80
3000	3300	80
3150	3450	80
3300	3600	80
3450	3750	76
3600	3900	73
3750	4050	71
3900	4200	68
4050	4350	66
4200	4500	63
4350	4650	61
4500	4800	59

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	189
900	1200	189
1200	1500	189
1500	1800	189
1800	2100	189
2100	2400	189
2400	2700	189
2700	3000	189
3000	3300	189
3300	3600	172
3600	3900	159
3900	4200	147
4200	4500	137
4500	4800	123
4800	5100	108
5100	5400	96
5400	5700	86
5700	6000	77
6000	6300	70
6300	6600	63
6600	6900	58
6900	7200	53
7200	7500	49
7500	7800	45
7800	8100	42
8100	8400	39

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	231
900	1200	231
1200	1500	231
1500	1800	231
1800	2100	231
2100	2400	231
2400	2700	231
2700	3000	231
3000	3300	231
3300	3600	211
3600	3900	194
3900	4200	179
4200	4500	167
4500	4800	156
4800	5100	147
5100	5400 *	138
5400	5700 *	126
5700	6000 *	114
6000	6300 *	103
6300	6600 *	93
6600	6900 *	85
6900	7200 *	78
7200	7500 *	72
7500	7800 *	66
7800	8100 *	61
8100	8400 *	57

Material Details - Page 10

* Not available in Material D

SCI25a

Cavity + Inner Max 245mm
Any variation of design available

SCI25b

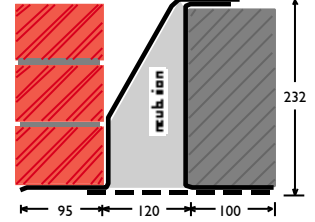
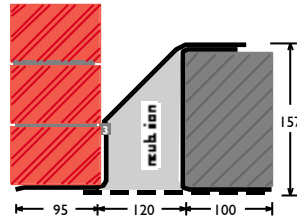
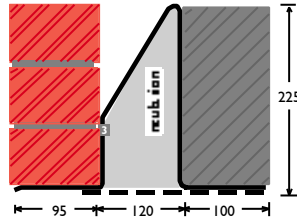
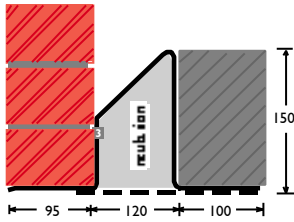
Cavity + Inner Max 245mm
Any variation of design available

MCI25a

Cavity + Inner Max 245mm
Any variation of design available

MCI25b

Cavity + Inner Max 245mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	442.24
Zxx cm3	43.06
Weight kg/m	14.62
Area cm2	18.61
Ryy cm	7.62

Lintel Properties

Ixx cm4	1122.84
Zxx cm3	75.29
Weight kg/m	17.59
Area cm2	22.39
Ryy cm	7.49

Lintel Properties

Ixx cm4	838.84
Zxx cm3	93.96
Weight kg/m	18.06
Area cm2	22.99
Ryy cm	7.58

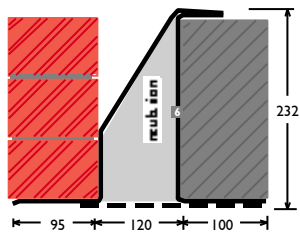
Lintel Properties

Ixx cm4	1812.50
Zxx cm3	134.16
Weight kg/m	20.37
Area cm2	25.92
Ryy cm	7.42

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	34	600	900	55	600	900	50	600	900	60
750	1050	34	750	1050	55	750	1050	50	750	1050	60
900	1200	34	900	1200	55	900	1200	50	900	1200	60
1050	1350	34	1050	1350	55	1050	1350	50	1050	1350	60
1200	1500	34	1200	1500	55	1200	1500	50	1200	1500	60
1350	1650	34	1350	1650	55	1350	1650	50	1350	1650	60
1500	1800	34	1500	1800	55	1500	1800	50	1500	1800	60
1650	1950	34	1650	1950	55	1650	1950	50	1650	1950	60
1800	2100	31	1800	2100	55	1800	2100	50	1800	2100	60
1950	2250	29	1950	2250	51	1950	2250	50	1950	2250	60
2100	2400	27	2100	2400	48	2100	2400	50	2100	2400	60
2250	2550	25	2250	2550	45	2250	2550	50	2250	2550	60
2400	2700	24	2400	2700	42	2400	2700	50	2400	2700	60
2550	2850	22	2550	2850	40	2550	2850	50	2550	2850	60
2700	3000		2700	3000	38	2700	3000	46	2700	3000	60
2850	3150		2850	3150	36	2850	3150	41	2850	3150	60
3000	3300		3000	3300	34	3000	3300	37	3000	3300	60
3150	3450		3150	3450	32	3150	3450	34	3150	3450	58
3300	3600		3300	3600	31	3300	3600	31	3300	3600	56
3450	3750		3450	3750	30	3450	3750	29	3450	3750	53
3600	3900		3600	3900	28	3600	3900	26	3600	3900	51
3750	4050		3750	4050	27	3750	4050	24	3750	4050	49
3900	4200		3900	4200	26	3900	4200	22	3900	4200	47
4050	4350		4050	4350	25	4050	4350	21	4050	4350	46
4200	4500		4200	4500	24	4200	4500	19	4200	4500	42
4350	4650		4350	4650	24	4350	4650	18	4350	4650	40
4500	4800		4500	4800	23	4500	4800	17	4500	4800	37

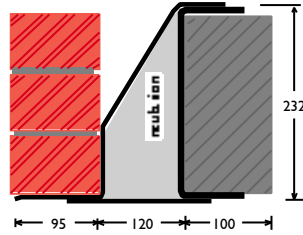
HC125

Cavity + Inner Max 245mm
Any variation of design available



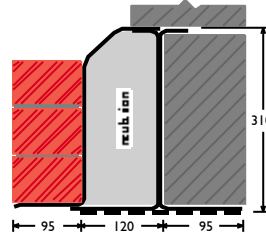
EAL6 125

Cavity + Inner Max 245mm
Any variation of design available



HD4 220

Cavity + Inner Max 245mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	2626.76
Zxx cm3	196.44
Weight kg/m	29.19
Area cm2	37.16
Ryy cm	6.76

Lintel Properties

Ixx cm4	5299.81
Zxx cm3	397.74
Weight kg/m	49.78
Area cm2	63.37
Ryy cm	6.97

Lintel Properties

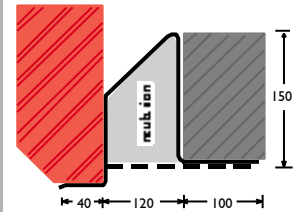
Ixx cm4	7640.74
Zxx cm3	449.27
Weight kg/m	45.52
Area cm2	57.95
Ryy cm	6.27

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	181	600	900	196
750	1050	80	900	1200	181	900	1200	196
900	1200	80	1200	1500	181	1200	1500	196
1050	1350	80	1500	1800	181	1500	1800	196
1200	1500	80	1800	2100	181	1800	2100	196
1350	1650	80	2100	2400	181	2100	2400	196
1500	1800	80	2400	2700	181	2400	2700	196
1650	1950	80	2700	3000	181	2700	3000	196
1800	2100	80	3000	3300	181	3000	3300	196
1950	2250	80	3300	3600	166	3300	3600	187
2100	2400	80	3600	3900	152	3600	3900	172
2250	2550	80	3900	4200	141	3900	4200	159
2400	2700	80	4200	4500	125	4200	4500	148
2550	2850	80	4500	4800	109	4500	4800	139
2700	3000	80	4800	5100	96	4800	5100	130
2850	3150	80	5100	5400	86	5100	5400 *	123
3000	3300	80	5400	5700	77	5400	5700 *	111
3150	3450	80	5700	6000	69	5700	6000 *	100
3300	3600	80	6000	6300	62	6000	6300 *	90
3450	3750	78	6300	6600	57	6300	6600 *	82
3600	3900	75	6600	6900	52	6600	6900 *	75
3750	4050	72	6900	7200	47	6900	7200 *	68
3900	4200	69	7200	7500	43	7200	7500 *	63
4050	4350	66	7500	7800	40	7500	7800 *	58
4200	4500	62	7800	8100	37	7800	8100 *	54
4350	4650	58	8100	8400	34	8100	8400 *	50
4500	4800	54	Material Details - Page 10			* Not available in Material D		

EXAMPLES

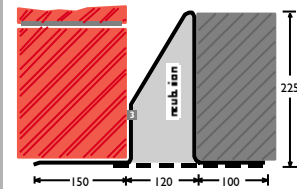
To show how optional features are coded

SCI25a/ST/C 40



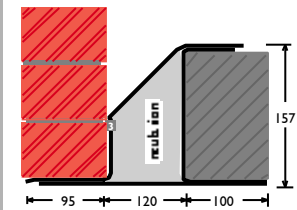
Lintel shown with optional step (ST) and 40mm cant outer (C 40)

SCI25b/WO 150



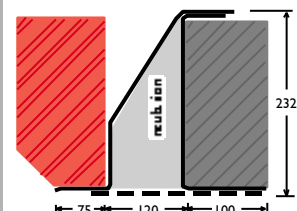
Lintel shown with optional 150mm wide outer (WO 150)

MC125a/F



Lintel shown with optional flat base (F)

MC125b/C 75



Lintel shown with optional 75mm cant outer (C 75)

SCI25Ea

Cavity + Inner Max 270mm
Any variation of design available

SCI25Eb

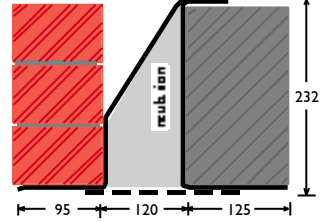
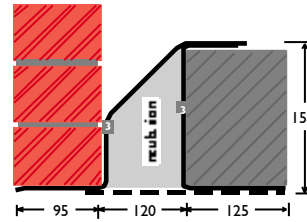
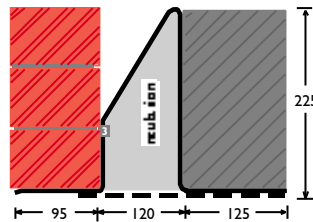
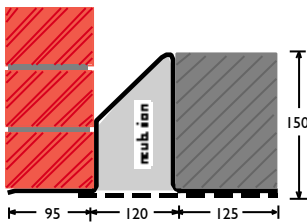
Cavity + Inner Max 270mm
Any variation of design available

MCI25Ea

Cavity + Inner Max 270mm
Any variation of design available

MCI25Eb

Cavity + Inner Max 270mm
Any variation of design available



Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Optional Features

- | | |
|-------------------------|------------------|
| Lintray | Prefix L |
| Feature Brick | Suffix/FB |
| Step 20mm | Suffix/ST |
| Flat Base | Suffix/F |
| Cant Outer 50mm | Suffix/C |
| Wide Outer 125mm | Suffix/WO |

Lintel Properties

Ixx cm4	457.50
Zxx cm3	43.78
Weight kg/m	15.21
Area cm2	19.36
Ryy cm	8.08

Lintel Properties

Ixx cm4	1163.28
Zxx cm3	76.75
Weight kg/m	18.18
Area cm2	23.14
Ryy cm	7.87

Lintel Properties

Ixx cm4	812.99
Zxx cm3	86.30
Weight kg/m	18.06
Area cm2	22.99
Ryy cm	7.88

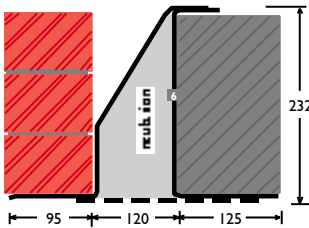
Lintel Properties

Ixx cm4	1941.35
Zxx cm3	142.71
Weight kg/m	21.24
Area cm2	27.03
Ryy cm	7.73

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	35	600	900	56	600	900	50	600	900	70
750	1050	35	750	1050	56	750	1050	50	750	1050	70
900	1200	35	900	1200	56	900	1200	50	900	1200	70
1050	1350	35	1050	1350	56	1050	1350	50	1050	1350	70
1200	1500	35	1200	1500	56	1200	1500	50	1200	1500	70
1350	1650	35	1350	1650	56	1350	1650	50	1350	1650	70
1500	1800	35	1500	1800	56	1500	1800	50	1500	1800	70
1650	1950	35	1650	1950	56	1650	1950	50	1650	1950	70
1800	2100	32	1800	2100	56	1800	2100	50	1800	2100	70
1950	2250	30	1950	2250	52	1950	2250	50	1950	2250	70
2100	2400	28	2100	2400	49	2100	2400	50	2100	2400	70
2250	2550	26	2250	2550	46	2250	2550	50	2250	2550	70
2400	2700	24	2400	2700	43	2400	2700	48	2400	2700	70
2550	2850	23	2550	2850	40	2550	2850	46	2550	2850	70
2700	3000		2700	3000	38	2700	3000	43	2700	3000	70
2850	3150		2850	3150	36	2850	3150	40	2850	3150	68
3000	3300		3000	3300	35	3000	3300	36	3000	3300	65
3150	3450		3150	3450	33	3150	3450	33	3150	3450	62
3300	3600		3300	3600	32	3300	3600	30	3300	3600	59
3450	3750		3450	3750	30	3450	3750	28	3450	3750	57
3600	3900		3600	3900	29	3600	3900	25	3600	3900	54
3750	4050		3750	4050	28	3750	4050	23	3750	4050	52
3900	4200		3900	4200	27	3900	4200	22	3900	4200	50
4050	4350		4050	4350	26	4050	4350	20	4050	4350	48
4200	4500		4200	4500	25	4200	4500	19	4200	4500	45
4350	4650		4350	4650	24	4350	4650	17	4350	4650	42
4500	4800		4500	4800	23	4500	4800	16	4500	4800	40

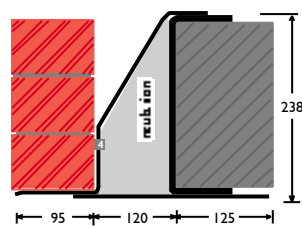
HC125E

Cavity + Inner Max 270mm
Any variation of design available



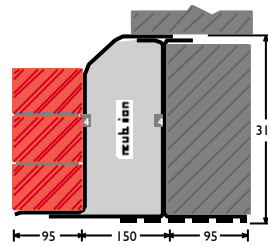
EAL6 125E

Cavity + Inner Max 270mm
Any variation of design available



HD4 250

Cavity + Inner Max 270mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	2909.72
Zxx cm3	216.46
Weight kg/m	31.07
Area cm2	39.56
Ryy cm	7.11

Lintel Properties

Ixx cm4	5697.14
Zxx cm3	408.84
Weight kg/m	52.92
Area cm2	67.37
Ryy cm	7.08

Lintel Properties

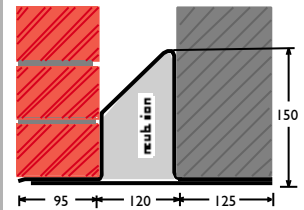
Ixx cm4	8487.15
Zxx cm3	499.31
Weight kg/m	48.46
Area cm2	61.69
Ryy cm	7.39

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	186	600	900	228
750	1050	80	900	1200	186	900	1200	228
900	1200	80	1200	1500	186	1200	1500	228
1050	1350	80	1500	1800	186	1500	1800	228
1200	1500	80	1800	2100	186	1800	2100	228
1350	1650	80	2100	2400	186	2100	2400	228
1500	1800	80	2400	2700	186	2400	2700	228
1650	1950	80	2700	3000	186	2700	3000	228
1800	2100	80	3000	3300	186	3000	3300	228
1950	2250	80	3300	3600	170	3300	3600	208
2100	2400	80	3600	3900	156	3600	3900	191
2250	2550	80	3900	4200	145	3900	4200	177
2400	2700	80	4200	4500	134	4200	4500	165
2550	2850	80	4500	4800	118	4500	4800	154
2700	3000	80	4800	5100	104	4800	5100	145
2850	3150	80	5100	5400	92	5100	5400 *	136
3000	3300	80	5400	5700	82	5400	5700 *	123
3150	3450	80	5700	6000	74	5700	6000 *	111
3300	3600	80	6000	6300	67	6000	6300 *	100
3450	3750	80	6300	6600	61	6300	6600 *	91
3600	3900	80	6600	6900	56	6600	6900 *	83
3750	4050	79	6900	7200	51	6900	7200 *	76
3900	4200	76	7200	7500	47	7200	7500 *	70
4050	4350	73	7500	7800	43	7500	7800 *	64
4200	4500	68	7800	8100	40	7800	8100 *	60
4350	4650	64	8100	8400	37	8100	8400 *	55
4500	4800	60	Material Details - Page 10			* Not available in Material D		

EXAMPLES

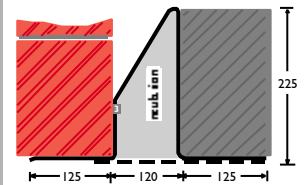
To show how optional features are coded

SCI25Ea/F



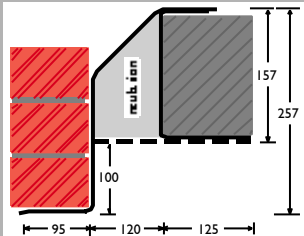
Lintel shown with optional flat base (F)

SCI25Eb/WO



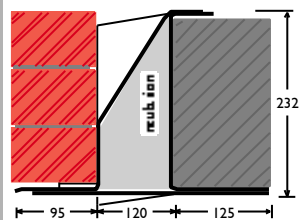
Lintel shown with optional wide outer (WO)

MC125Ea/ST100



Lintel shown with optional 100mm step (ST 100)

L/MC125Eb/F



Lintel shown with optional lintray (L) and flat base (F)

SCI25EEa

Cavity + Inner Max 320mm
Any variation of design available

SCI25EEb

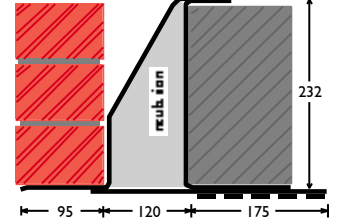
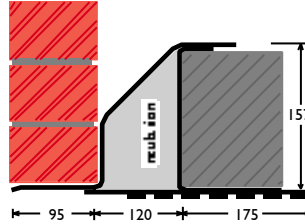
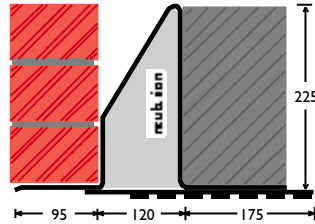
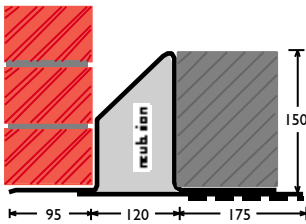
Cavity + Inner Max 320mm
Any variation of design available

MC125EEa

Cavity + Inner Max 320mm
Any variation of design available

MC125EEb

Cavity + Inner Max 320mm
Any variation of design available



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm ⁴	602.38
Zxx cm ³	50.37
Weight kg/m	22.20
Area cm ²	28.26
Ryy cm	8.88

Lintel Properties

Ixx cm ⁴	1542.03
Zxx cm ³	89.32
Weight kg/m	25.17
Area cm ²	32.04
Ryy cm	8.64

Lintel Properties

Ixx cm ⁴	1056.68
Zxx cm ³	95.87
Weight kg/m	23.95
Area cm ²	30.49
Ryy cm	8.65

Lintel Properties

Ixx cm ⁴	2506.40
Zxx cm ³	159.16
Weight kg/m	27.14
Area cm ²	34.54
Ryy cm	8.46

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	40	600	900	57	600	900	50	600	900	70
750	1050	40	750	1050	57	750	1050	50	750	1050	70
900	1200	40	900	1200	57	900	1200	50	900	1200	70
1050	1350	40	1050	1350	57	1050	1350	50	1050	1350	70
1200	1500	40	1200	1500	57	1200	1500	50	1200	1500	70
1350	1650	40	1350	1650	57	1350	1650	50	1350	1650	70
1500	1800	40	1500	1800	57	1500	1800	50	1500	1800	70
1650	1950	40	1650	1950	57	1650	1950	50	1650	1950	70
1800	2100	37	1800	2100	57	1800	2100	50	1800	2100	70
1950	2250	34	1950	2250	57	1950	2250	50	1950	2250	70
2100	2400	32	2100	2400	57	2100	2400	50	2100	2400	70
2250	2550	30	2250	2550	53	2250	2550	50	2250	2550	70
2400	2700	28	2400	2700	50	2400	2700	50	2400	2700	70
2550	2850	26	2550	2850	47	2550	2850	50	2550	2850	70
2700	3000		2700	3000	45	2700	3000	48	2700	3000	70
2850	3150		2850	3150	42	2850	3150	46	2850	3150	70
3000	3300		3000	3300	40	3000	3300	43	3000	3300	70
3150	3450		3150	3450	38	3150	3450	41	3150	3450	69
3300	3600		3300	3600	37	3300	3600	39	3300	3600	66
3450	3750		3450	3750	35	3450	3750	36	3450	3750	63
3600	3900		3600	3900	34	3600	3900	33	3600	3900	61
3750	4050		3750	4050	32	3750	4050	31	3750	4050	58
3900	4200		3900	4200	31	3900	4200	28	3900	4200	56
4050	4350		4050	4350	30	4050	4350	26	4050	4350	54
4200	4500		4200	4500	29	4200	4500	25	4200	4500	52
4350	4650		4350	4650	28	4350	4650	23	4350	4650	50
4500	4800		4500	4800	27	4500	4800	21	4500	4800	49

HC125EE

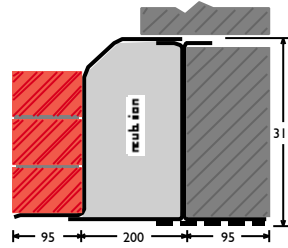
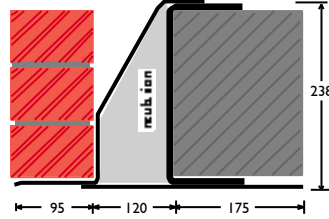
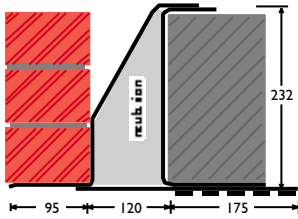
Cavity + Inner Max 320mm
Any variation of design available

EAL6 125EE

Cavity + Inner Max 320mm
Any variation of design available

HD4 300

Cavity + Inner Max 320mm
Any variation of design available



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	3631.60
Zxx cm3	237.48
Weight kg/m	38.09
Area cm2	48.49
Ryy cm	7.68

Lintel Properties

Ixx cm4	5878.63
Zxx cm3	413.60
Weight kg/m	54.49
Area cm2	69.37
Ryy cm	7.49

Lintel Properties

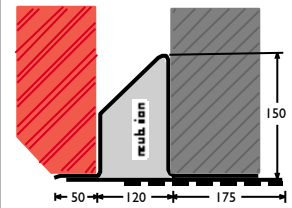
Ixx cm4	9376.65
Zxx cm3	543.82
Weight kg/m	51.57
Area cm2	65.65
Ryy cm	9.68

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	189	600	900	248
750	1050	80	900	1200	189	900	1200	248
900	1200	80	1200	1500	189	1200	1500	248
1050	1350	80	1500	1800	189	1500	1800	248
1200	1500	80	1800	2100	189	1800	2100	248
1350	1650	80	2100	2400	189	2100	2400	248
1500	1800	80	2400	2700	189	2400	2700	248
1650	1950	80	2700	3000	189	2700	3000	248
1800	2100	80	3000	3300	189	3000	3300	248
1950	2250	80	3300	3600	172	3300	3600	226
2100	2400	80	3600	3900	158	3600	3900	208
2250	2550	80	3900	4200	147	3900	4200	193
2400	2700	80	4200	4500	136	4200	4500	180
2550	2850	80	4500	4800	121	4500	4800	168
2700	3000	80	4800	5100	107	4800	5100	158
2850	3150	80	5100	5400	95	5100	5400 *	149
3000	3300	80	5400	5700	85	5400	5700 *	136
3150	3450	80	5700	6000	76	5700	6000 *	122
3300	3600	80	6000	6300	69	6000	6300 *	111
3450	3750	80	6300	6600	63	6300	6600 *	100
3600	3900	80	6600	6900	57	6600	6900 *	92
3750	4050	80	6900	7200	52	6900	7200 *	84
3900	4200	80	7200	7500	48	7200	7500 *	77
4050	4350	80	7500	7800	45	7500	7800 *	71
4200	4500	78	7800	8100	41	7800	8100 *	66
4350	4650	76	8100	8400	38	8100	8400 *	61
4500	4800	73	Material Details - Page 10			* Not available in Material D		

EXAMPLES

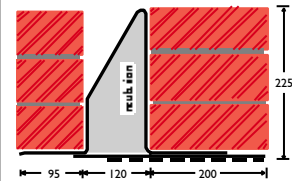
To show how optional features are coded

SCI25EEa/C



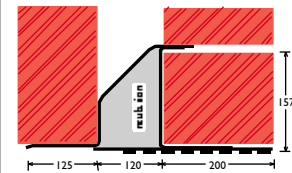
Lintel shown with optional cant outer (C)

SCI25EEb/WI



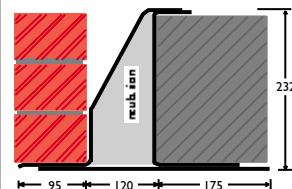
Lintel shown with optional wide inner (WI)

MC125EEa/WI/WO



Lintel shown with optional wide inner (WI) and wide outer (WO)

MC125EEb/F



Lintel shown with optional flat base (F)

SCI50a

Cavity + Inner Max 265mm
Any variation of design available

SCI50b

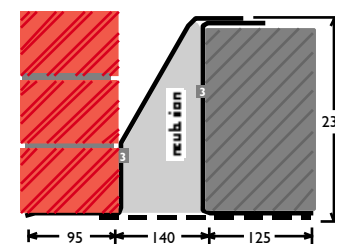
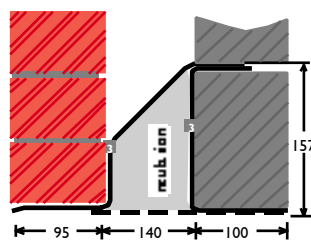
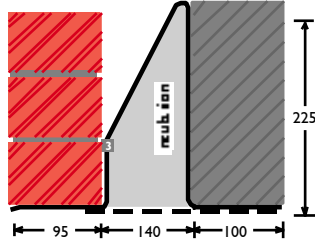
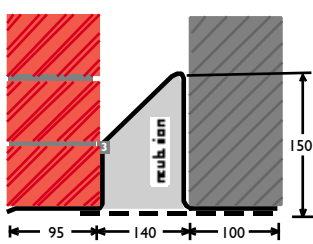
Cavity + Inner Max 265mm
Any variation of design available

MCI50a

Cavity + Inner Max 265mm
Any variation of design available

MCI50b

Cavity + Inner Max 265mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	458.79
Zxx cm3	45.54
Weight kg/m	15.10
Area cm2	19.22
Ryy cm	8.27

Lintel Properties

Ixx cm4	1139.62
Zxx cm3	77.17
Weight kg/m	17.94
Area cm2	22.84
Ryy cm	8.16

Lintel Properties

Ixx cm4	814.56
Zxx cm3	90.91
Weight kg/m	18.21
Area cm2	23.18
Ryy cm	8.23

Lintel Properties

Ixx cm4	1740.10
Zxx cm3	127.32
Weight kg/m	20.36
Area cm2	25.91
Ryy cm	8.09

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	36	600	900	56	600	900	50	600	900	60
750	1050	36	750	1050	56	750	1050	50	750	1050	60
900	1200	36	900	1200	56	900	1200	50	900	1200	60
1050	1350	36	1050	1350	56	1050	1350	50	1050	1350	60
1200	1500	36	1200	1500	56	1200	1500	50	1200	1500	60
1350	1650	36	1350	1650	56	1350	1650	50	1350	1650	60
1500	1800	36	1500	1800	56	1500	1800	50	1500	1800	60
1650	1950	36	1650	1950	56	1650	1950	50	1650	1950	60
1800	2100	33	1800	2100	56	1800	2100	50	1800	2100	60
1950	2250	31	1950	2250	52	1950	2250	50	1950	2250	60
2100	2400	29	2100	2400	49	2100	2400	50	2100	2400	60
2250	2550	27	2250	2550	46	2250	2550	50	2250	2550	60
2400	2700	25	2400	2700	43	2400	2700	50	2400	2700	60
2550	2850	24	2550	2850	41	2550	2850	48	2550	2850	60
2700	3000	23	2700	3000	38	2700	3000	44	2700	3000	60
2850	3150		2850	3150	37	2850	3150	40	2850	3150	60
3000	3300		3000	3300	35	3000	3300	36	3000	3300	58
3150	3450		3150	3450	33	3150	3450	33	3150	3450	55
3300	3600		3300	3600	32	3300	3600	30	3300	3600	53
3450	3750		3450	3750	30	3450	3750	28	3450	3750	50
3600	3900		3600	3900	29	3600	3900	25	3600	3900	48
3750	4050		3750	4050	28	3750	4050	23	3750	4050	47
3900	4200		3900	4200	27	3900	4200	22	3900	4200	45
4050	4350		4050	4350	26	4050	4350	20	4050	4350	43
4200	4500		4200	4500	25	4200	4500	19	4200	4500	41
4350	4650		4350	4650	24	4350	4650	18	4350	4650	38
4500	4800		4500	4800	23	4500	4800	16	4500	4800	36

OUTER: 95-115 CAVITY: 140-160 INNER: 100-120

HEAVY DUTY

HC150

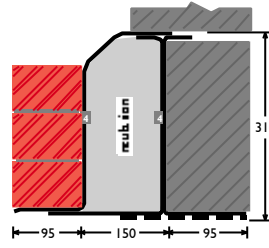
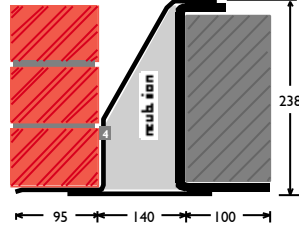
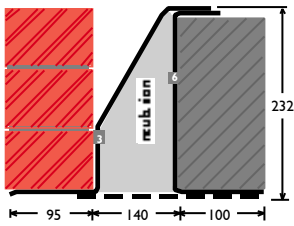
Cavity + Inner Max 265mm
Any variation of design available

EAL6 150

Cavity + Inner Max 265mm
Any variation of design available

HD4 250

Cavity + Inner Max 265mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	2576.95
Zxx cm3	191.83
Weight kg/m	29.31
Area cm2	37.31
Ryy cm	7.52

Lintel Properties

Ixx cm4	5319.53
Zxx cm3	392.18
Weight kg/m	50.67
Area cm2	64.50
Ryy cm	7.65

Lintel Properties

Ixx cm4	8487.15
Zxx cm3	499.31
Weight kg/m	48.46
Area cm2	61.69
Ryy cm	7.39

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
--------------	---------------	-----------------------------

600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	80
1500	1800	80
1650	1950	80
1800	2100	80
1950	2250	80
2100	2400	80
2250	2550	80
2400	2700	80
2550	2850	80
2700	3000	80
2850	3150	80
3000	3300	80
3150	3450	80
3300	3600	80
3450	3750	76
3600	3900	73
3750	4050	70
3900	4200	68
4050	4350	65
4200	4500	61
4350	4650	57
4500	4800	53

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
--------------	---------------	-----------------------------

600	900	198
900	1200	198
1200	1500	198
1500	1800	198
1800	2100	198
2100	2400	198
2400	2700	198
2700	3000	198
3000	3300	179
3300	3600	163
3600	3900	150
3900	4200	139
4200	4500	125
4500	4800	110
4800	5100	97
5100	5400	86
5400	5700	77
5700	6000	69
6000	6300	63
6300	6600	57
6600	6900	52
6900	7200	47
7200	7500	44
7500	7800	40
7800	8100	37
8100	8400	35

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
--------------	---------------	-----------------------------

600	900	228
900	1200	228
1200	1500	228
1500	1800	228
1800	2100	228
2100	2400	228
2400	2700	228
2700	3000	228
3000	3300	228
3300	3600	208
3600	3900	191
3900	4200	177
4200	4500	165
4500	4800	154
4800	5100	145
5100	5400	136
5400	5700	123
5700	6000	111
6000	6300	100
6300	6600	91
6600	6900	83
6900	7200	76
7200	7500	70
7500	7800	64
7800	8100	60
8100	8400	55

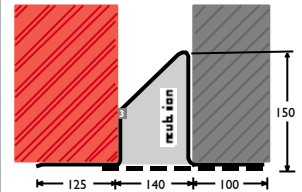
Material Details - Page 10

* Not available in Material D

EXAMPLES

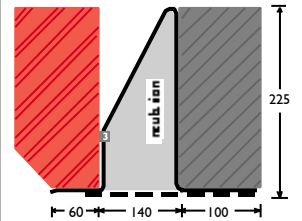
To show how optional features are coded

SCI 150a/WO



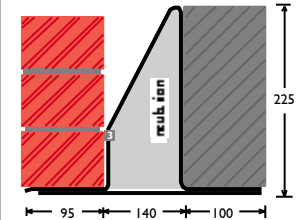
Lintel shown with optional wide outer (WO)

SCI 150B/C60



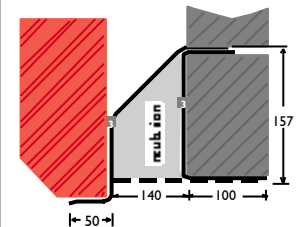
Lintel shown with optional 60mm cant outer (C 60)

SCI 150b/F



Lintel shown with optional flat base (F)

MCI 150a/ST/C



Lintel shown with optional step (ST) and cant outer (C)

SCI50Ea

Cavity + Inner Max 290mm
Any variation of design available

SCI50Eb

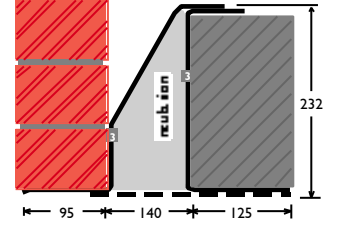
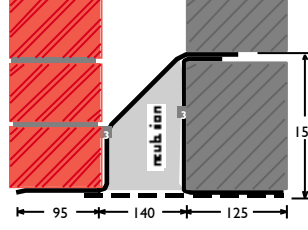
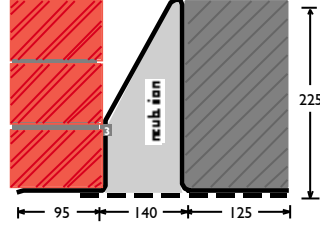
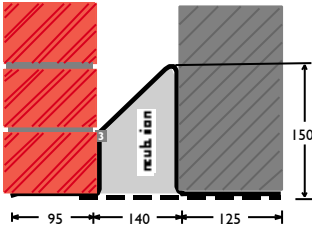
Cavity + Inner Max 290mm
Any variation of design available

MCI50Ea

Cavity + Inner Max 290mm
Any variation of design available

MCI50Eb

Cavity + Inner Max 290mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	488.23
Zxx cm3	46.97
Weight kg/m	16.15
Area cm2	20.56
Ryy cm	8.89

Lintel Properties

Ixx cm4	1213.90
Zxx cm3	79.90
Weight kg/m	18.99
Area cm2	24.17
Ryy cm	8.67

Lintel Properties

Ixx cm4	815.31
Zxx cm3	85.09
Weight kg/m	18.72
Area cm2	23.82
Ryy cm	8.64

Lintel Properties

Ixx cm4	1937.13
Zxx cm3	139.25
Weight kg/m	21.76
Area cm2	27.70
Ryy cm	8.50

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	37	600	900	58	600	900	50	600	900	70
750	1050	37	750	1050	58	750	1050	50	750	1050	70
900	1200	37	900	1200	58	900	1200	50	900	1200	70
1050	1350	37	1050	1350	58	1050	1350	50	1050	1350	70
1200	1500	37	1200	1500	58	1200	1500	50	1200	1500	70
1350	1650	37	1350	1650	58	1350	1650	50	1350	1650	70
1500	1800	37	1500	1800	58	1500	1800	50	1500	1800	70
1650	1950	37	1650	1950	58	1650	1950	50	1650	1950	70
1800	2100	34	1800	2100	58	1800	2100	50	1800	2100	70
1950	2250	32	1950	2250	54	1950	2250	50	1950	2250	70
2100	2400	30	2100	2400	51	2100	2400	50	2100	2400	70
2250	2550	28	2250	2550	47	2250	2550	50	2250	2550	70
2400	2700	26	2400	2700	45	2400	2700	48	2400	2700	70
2550	2850	25	2550	2850	42	2550	2850	45	2550	2850	70
2700	3000		2700	3000	40	2700	3000	43	2700	3000	70
2850	3150		2850	3150	38	2850	3150	40	2850	3150	66
3000	3300		3000	3300	36	3000	3300	36	3000	3300	63
3150	3450		3150	3450	34	3150	3450	33	3150	3450	60
3300	3600		3300	3600	33	3300	3600	30	3300	3600	58
3450	3750		3450	3750	31	3450	3750	28	3450	3750	55
3600	3900		3600	3900	30	3600	3900	25	3600	3900	53
3750	4050		3750	4050	29	3750	4050	24	3750	4050	51
3900	4200		3900	4200	28	3900	4200	22	3900	4200	49
4050	4350		4050	4350	27	4050	4350	20	4050	4350	47
4200	4500		4200	4500	26	4200	4500	19	4200	4500	45
4350	4650		4350	4650	25	4350	4650	18	4350	4650	42
4500	4800		4500	4800	24	4500	4800	16	4500	4800	40

HC150E

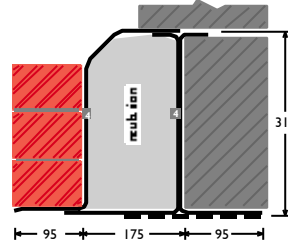
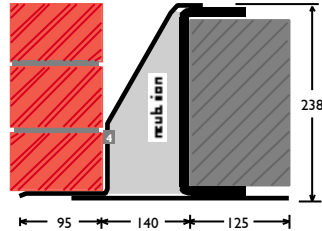
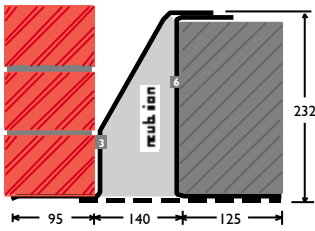
Cavity + Inner Max 290mm
Any variation of design available

EAL6 150E

Cavity + Inner Max 290mm
Any variation of design available

HD4 275

Cavity + Inner Max 290mm
Any variation of design available



Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Optional Features

- Lintray**
- Feature Brick**
- Step 20mm**
- Flat Base**
- Cant Outer 50mm**
- Wide Outer 125mm**
- Prefix L**
- Suffix/FB**
- Suffix/ST**
- Suffix/F**
- Suffix/C**
- Suffix/WO**

Lintel Properties

Ixx cm4	2906.81
Zxx cm3	212.68
Weight kg/m	31.63
Area cm2	40.26
Ryy cm	7.90

Lintel Properties

Ixx cm4	5667.61
Zxx cm3	399.61
Weight kg/m	53.69
Area cm2	68.34
Ryy cm	7.80

Lintel Properties

Ixx cm4	8708.75
Zxx cm3	505.65
Weight kg/m	49.34
Area cm2	62.81
Ryy cm	8.39

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	182	600	900	231
750	1050	80	900	1200	182	900	1200	231
900	1200	80	1200	1500	182	1200	1500	231
1050	1350	80	1500	1800	182	1500	1800	231
1200	1500	80	1800	2100	182	1800	2100	231
1350	1650	80	2100	2400	182	2100	2400	231
1500	1800	80	2400	2700	182	2400	2700	231
1650	1950	80	2700	3000	182	2700	3000	231
1800	2100	80	3000	3300	182	3000	3300	231
1950	2250	80	3300	3600	166	3300	3600	211
2100	2400	80	3600	3900	153	3600	3900	194
2250	2550	80	3900	4200	142	3900	4200	179
2400	2700	80	4200	4500	132	4200	4500	167
2550	2850	80	4500	4800	117	4500	4800	156
2700	3000	80	4800	5100	103	4800	5100	147
2850	3150	80	5100	5400	92	5100	5400 *	138
3000	3300	80	5400	5700	82	5400	5700 *	126
3150	3450	80	5700	6000	74	5700	6000 *	114
3300	3600	80	6000	6300	67	6000	6300 *	103
3450	3750	80	6300	6600	61	6300	6600 *	93
3600	3900	80	6600	6900	55	6600	6900 *	85
3750	4050	78	6900	7200	51	6900	7200 *	78
3900	4200	75	7200	7500	47	7200	7500 *	72
4050	4350	72	7500	7800	43	7500	7800 *	66
4200	4500	68	7800	8100	40	7800	8100 *	61
4350	4650	64	8100	8400	37	8100	8400 *	57
4500	4800	60						

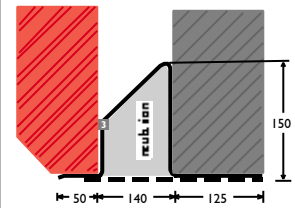
Material Details - Page 10

* Not available in Material D

EXAMPLES

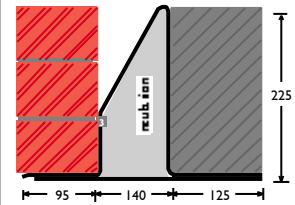
To show how optional features are coded

SCI 150Ea/C



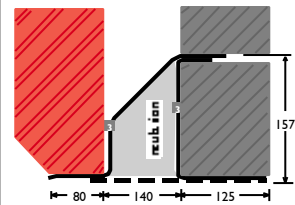
Lintel shown with optional cant outer (C)

SCI 150Eb/F



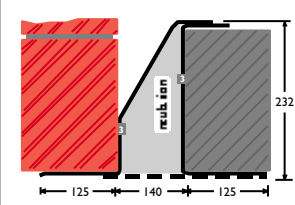
Lintel shown with optional flat base (F)

MCI 150Ea/C80



Lintel shown with optional 80mm cant outer (C80)

MCI 150Eb/WO



Lintel shown with optional wide outer (WO)

SCI50EEa

Cavity + Inner Max 340mm
(365mm with WI)

SCI50EEb

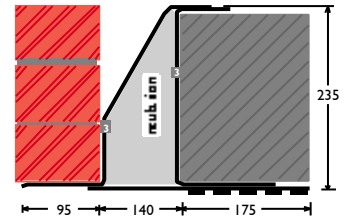
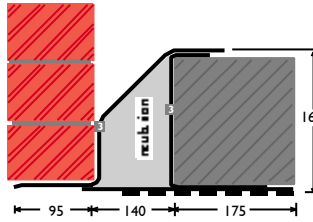
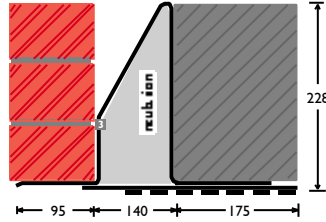
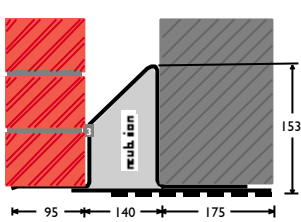
Cavity + Inner Max 340mm
(365mm with WI)

MCI50EEa

Cavity + Inner Max 340mm
(365mm with WI)

MCI50EEb

Cavity + Inner Max 340mm
(365mm with WI)



Optional Features	
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features	
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features	
Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Optional Features	
Lintray	Prefix/L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Inner 200mm	Suffix/WI
Wide Outer 125mm	Suffix/WO

Lintel Properties	
Ixx cm ⁴	624.36
Zxx cm ³	53.25
Weight kg/m	22.29
Area cm ²	28.37
Ryy cm	9.66

Lintel Properties	
Ixx cm ⁴	1619.41
Zxx cm ³	93.17
Weight kg/m	26.78
Area cm ²	34.09
Ryy cm	10.28

Lintel Properties	
Ixx cm ⁴	1102.34
Zxx cm ³	96.34
Weight kg/m	26.50
Area cm ²	33.74
Ryy cm	10.20

Lintel Properties	
Ixx cm ⁴	2609.51
Zxx cm ³	158.96
Weight kg/m	29.55
Area cm ²	37.61
Ryy cm	9.96

Opening Size	Lintel Length	Safe UD L kN Load Ratio 1:5
600	900	39
750	1050	39
900	1200	39
1050	1350	39
1200	1500	39
1350	1650	39
1500	1800	39
1650	1950	39
1800	2100	39
1950	2250	36
2100	2400	34
2250	2550	31
2400	2700	30
2550	2850	28
2700	3000	26
2850	3150	
3000	3300	
3150	3450	
3300	3600	
3450	3750	
3600	3900	
3750	4050	
3900	4200	
4050	4350	
4200	4500	
4350	4650	
4500	4800	

Opening Size	Lintel Length	Safe UD L kN Load Ratio 1:5
600	900	59
750	1050	59
900	1200	59
1050	1350	59
1200	1500	59
1350	1650	59
1500	1800	59
1650	1950	59
1800	2100	59
1950	2250	59
2100	2400	59
2250	2550	55
2400	2700	52
2550	2850	49
2700	3000	47
2850	3150	44
3000	3300	42
3150	3450	40
3300	3600	38
3450	3750	37
3600	3900	35
3750	4050	34
3900	4200	33
4050	4350	31
4200	4500	30
4350	4650	29
4500	4800	28

Opening Size	Lintel Length	Safe UD L kN Load Ratio 1:19
600	900	50
750	1050	50
900	1200	50
1050	1350	50
1200	1500	50
1350	1650	50
1500	1800	50
1650	1950	50
1800	2100	50
1950	2250	50
2100	2400	50
2250	2550	50
2400	2700	50
2550	2850	50
2700	3000	48
2850	3150	46
3000	3300	44
3150	3450	42
3300	3600	40
3450	3750	38
3600	3900	35
3750	4050	32
3900	4200	30
4050	4350	28
4200	4500	26
4350	4650	24
4500	4800	22

Opening Size	Lintel Length	Safe UD L kN Load Ratio 1:19
600	900	70
750	1050	70
900	1200	70
1050	1350	70
1200	1500	70
1350	1650	70
1500	1800	70
1650	1950	70
1800	2100	70
1950	2250	70
2100	2400	70
2250	2550	70
2400	2700	70
2550	2850	70
2700	3000	70
2850	3150	70
3000	3300	70
3150	3450	69
3300	3600	66
3450	3750	63
3600	3900	61
3750	4050	58
3900	4200	56
4050	4350	54
4200	4500	52
4350	4650	50
4500	4800	49

HC150EE

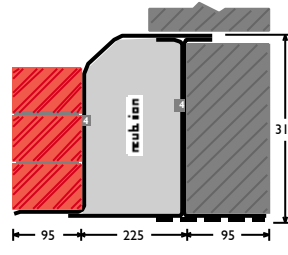
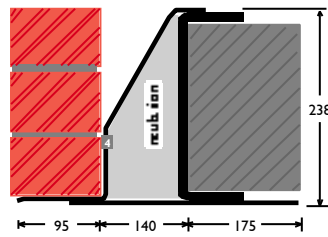
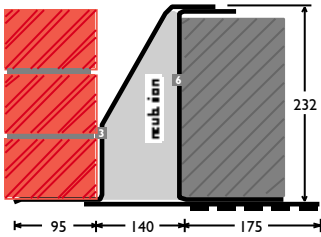
Cavity + Inner Max 340mm
(365mm with WI)

EAL6 150EE

Cavity + Inner Max 340mm
(365mm with WI)

HD4 325

Cavity + Inner Max 340mm
Any variation of design available



Optional Features

- Lintray
- Feature Brick
- Step 20mm
- Flat Base
- Cant Outer 50mm
- Wide Inner 200mm
- Wide Outer 125mm
- Prefix L
- Suffix/FB
- Suffix/ST
- Suffix/F
- Suffix/C
- Suffix/WI
- Suffix/WO

Optional Features

- Lintray
- Feature Brick
- Step 20mm
- Flat Base
- Cant Outer 50mm
- Wide Inner 200mm
- Wide Outer 125mm
- Prefix L
- Suffix/FB
- Suffix/ST
- Suffix/F
- Suffix/C
- Suffix/WI
- Suffix/WO

Optional Features

- Lintray
- Feature Brick
- Step 20mm
- Flat Base
- Cant Outer 50mm
- Wide Outer 125mm
- Prefix L
- Suffix/FB
- Suffix/ST
- Suffix/F
- Suffix/C
- Suffix/WO

Lintel Properties

Ixx cm ⁴	3538.99
Zxx cm ³	232.09
Weight kg/m	37.75
Area cm ²	48.05
Ryy cm	8.39

Lintel Properties

Ixx cm ⁴	5840.08
Zxx cm ³	404.14
Weight kg/m	55.26
Area cm ²	70.34
Ryy cm	8.16

Lintel Properties

Ixx cm ⁴	10895.70
Zxx cm ³	630.21
Weight kg/m	56.59
Area cm ²	72.03
Ryy cm	10.73

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19	Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:19
600	900	80	600	900	184	600	900	288
750	1050	80	900	1200	184	900	1200	288
900	1200	80	1200	1500	184	1200	1500	288
1050	1350	80	1500	1800	184	1500	1800	288
1200	1500	80	1800	2100	184	1800	2100	288
1350	1650	80	2100	2400	184	2100	2400	288
1500	1800	80	2400	2700	184	2400	2700	288
1650	1950	80	2700	3000	184	2700	3000	288
1800	2100	80	3000	3300	184	3000	3300	288
1950	2250	80	3300	3600	168	3300	3600	263
2100	2400	80	3600	3900	155	3600	3900	242
2250	2550	80	3900	4200	143	3900	4200	224
2400	2700	80	4200	4500	133	4200	4500	208
2550	2850	80	4500	4800	121	4500	4800	195
2700	3000	80	4800	5100	106	4800	5100	183
2850	3150	80	5100	5400	94	5100	5400 *	172
3000	3300	80	5400	5700	84	5400	5700 *	158
3150	3450	80	5700	6000	76	5700	6000 *	142
3300	3600	80	6000	6300	69	6000	6300 *	129
3450	3750	80	6300	6600	62	6300	6600 *	117
3600	3900	80	6600	6900	57	6600	6900 *	107
3750	4050	80	6900	7200	52	6900	7200 *	98
3900	4200	80	7200	7500	48	7200	7500 *	90
4050	4350	79	7500	7800	44	7500	7800 *	83
4200	4500	76	7800	8100	41	7800	8100 *	77
4350	4650	74	8100	8400	38	8100	8400 *	71
4500	4800	71						

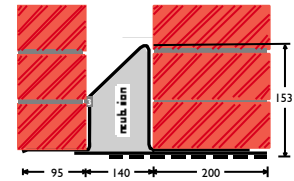
Material Details - Page 10

* Not available in Material D

EXAMPLES

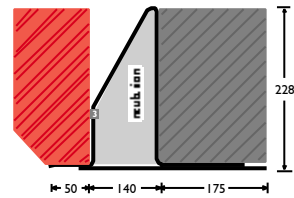
To show how optional features are coded

SCI50EEa/WI



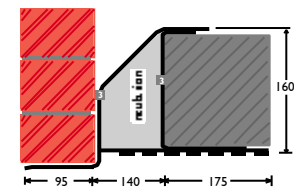
Lintel shown with optional wide inner (WI)

SCI50EEb/F/C



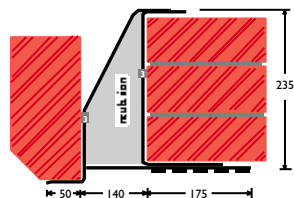
Lintel shown with optional flat base (F) and cant outer (C)

MC150EEa/ST



Lintel shown with optional step (ST)

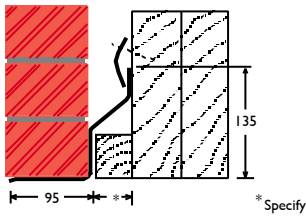
MC150EEb/ST/C



Lintel shown with optional step (ST) and cant outer (C)

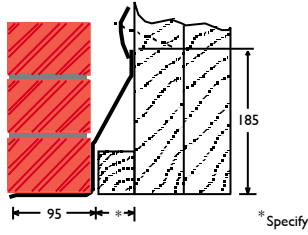
TF1

Cavity: 40-110



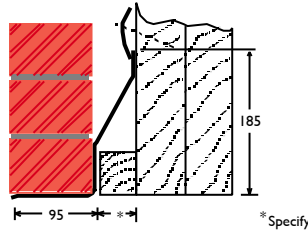
TF2

Cavity: 40-110



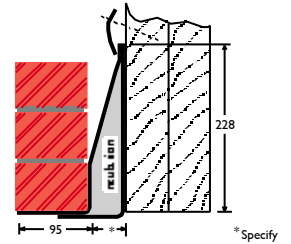
TF2/4

Cavity: 40-115



TF3

Cavity: 40-115



Optional Features

Lintray	Prefix L
Cavity 50mm	Suffix/50
Cavity 60mm	Suffix/60
Cavity 80mm	Suffix/80
Cavity 90mm	Suffix/90
Cavity 100mm	Suffix/100
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Cavity 50mm	Suffix/50
Cavity 60mm	Suffix/60
Cavity 80mm	Suffix/80
Cavity 90mm	Suffix/90
Cavity 100mm	Suffix/100
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Cavity 50mm	Suffix/50
Cavity 60mm	Suffix/60
Cavity 80mm	Suffix/80
Cavity 90mm	Suffix/90
Cavity 100mm	Suffix/100
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Optional Features

Lintray	Prefix L
Cavity 50mm	Suffix/50
Cavity 60mm	Suffix/60
Cavity 80mm	Suffix/80
Cavity 90mm	Suffix/90
Cavity 100mm	Suffix/100
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx cm4	147.00
Zxx cm3	16.09
Weight kg/m	5.66
Area cm2	7.20
Ryy cm	3.66

Lintel Properties

Ixx cm4	361.00
Zxx cm3	30.70
Weight kg/m	7.42
Area cm2	9.45
Ryy cm	3.55

Lintel Properties

Ixx cm4	716.44
Zxx cm3	93.85
Weight kg/m	10.38
Area cm2	13.22
Ryy cm	3.91

Lintel Properties

Ixx cm4	1114.00
Zxx cm3	76.44
Weight kg/m	16.04
Area cm2	20.40
Ryy cm	3.38

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	16	600	900	20	600	900	30	600	900	40
750	1050	16	750	1050	20	750	1050	30	750	1050	40
900	1200	16	900	1200	20	900	1200	30	900	1200	40
1050	1350	16	1050	1350	20	1050	1350	30	1050	1350	40
1200	1500	10	1200	1500	20	1200	1500	30	1200	1500	40
1350	1650	10	1350	1650	20	1350	1650	30	1350	1650	40
1500	1800	10	1500	1800	15	1500	1800	30	1500	1800	40
1650	1950		1650	1950	15	1650	1950	30	1650	1950	40
1800	2100		1800	2100	10	1800	2100	30	1800	2100	40
1950	2250		1950	2250	10	1950	2250	30	1950	2250	40
2100	2400		2100	2400	8	2100	2400	30	2100	2400	40
2250	2550		2250	2550	8	2250	2550	29	2250	2550	39
2400	2700		2400	2700	8	2400	2700	27	2400	2700	37
2550	2850		2550	2850	8	2550	2850	25	2550	2850	35
2700	3000		2700	3000	8	2700	3000	23	2700	3000	33
2850	3150		2850	3150	8	2850	3150	21	2850	3150	31
3000	3300		3000	3300		3000	3300	20	3000	3300	30
3150	3450		3150	3450		3150	3450	18	3150	3450	28
3300	3600		3300	3600		3300	3600	17	3300	3600	27
3450	3750		3450	3750		3450	3750	16	3450	3750	26
3600	3900		3600	3900		3600	3900	15	3600	3900	25
3750	4050		3750	4050		3750	4050	14	3750	4050	24
3900	4200		3900	4200		3900	4200	13	3900	4200	23
4050	4350		4050	4350		4050	4350	12	4050	4350	22
4200	4500		4200	4500		4200	4500	12	4200	4500	22
4350	4650		4350	4650		4350	4650	11	4350	4650	21
4500	4800		4500	4800		4500	4800	10	4500	4800	20

O1

Cavity: 40-110

O2

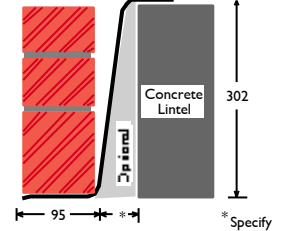
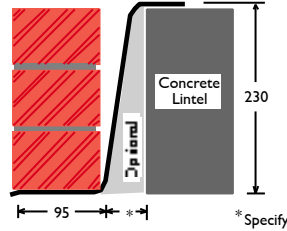
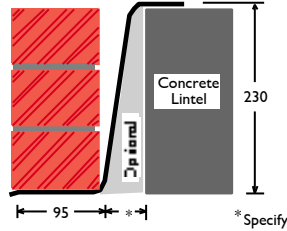
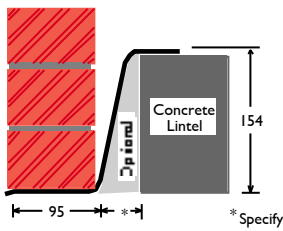
Cavity: 40-110

O2/4

Cavity: 40-115

O3

Cavity: 40-115



Optional Features

Lintray	Prefix L
Cavity 50mm	Suffix/50
Cavity 60mm	Suffix/60
Cavity 80mm	Suffix/80
Cavity 90mm	Suffix/90
Cavity 100mm	Suffix/100
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO
Bonded Insulation	Suffix/BI

Optional Features

Lintray	Prefix L
Cavity 50mm	Suffix/50
Cavity 60mm	Suffix/60
Cavity 80mm	Suffix/80
Cavity 90mm	Suffix/90
Cavity 100mm	Suffix/100
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO
Bonded Insulation	Suffix/BI

Optional Features

Lintray	Prefix L
Cavity 50mm	Suffix/50
Cavity 60mm	Suffix/60
Cavity 80mm	Suffix/80
Cavity 90mm	Suffix/90
Cavity 100mm	Suffix/100
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO
Bonded Insulation	Suffix/BI

Optional Features

Lintray	Prefix L
Cavity 50mm	Suffix/50
Cavity 60mm	Suffix/60
Cavity 80mm	Suffix/80
Cavity 90mm	Suffix/90
Cavity 100mm	Suffix/100
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO
Bonded Insulation	Suffix/BI

Lintel Properties

Ixx cm4	376.00
Zxx cm3	45.39
Weight kg/m	7.52
Area cm2	9.57
Ryy cm	4.99

Lintel Properties

Ixx cm4	818.00
Zxx cm3	63.10
Weight kg/m	8.72
Area cm2	11.10
Ryy cm	4.20

Lintel Properties

Ixx cm4	1261.75
Zxx cm3	99.25
Weight kg/m	14.10
Area cm2	17.94
Ryy cm	3.66

Lintel Properties

Ixx cm4	1898.37
Zxx cm3	116.84
Weight kg/m	12.99
Area cm2	192.00
Ryy cm	3.39

Opening Size	Lintel Length	Safe UDL kN
600	900	6
750	1050	6
900	1200	6
1050	1350	6
1200	1500	6
1350	1650	6
1500	1800	
1650	1950	
1800	2100	
1950	2250	
2100	2400	
2250	2550	
2400	2700	
2550	2850	
2700	3000	
2850	3150	
3000	3300	
3150	3450	
3300	3600	
3450	3750	
3600	3900	
3750	4050	
3900	4200	
4050	4350	
4200	4500	
4350	4650	
4500	4800	

Opening Size	Lintel Length	Safe UDL kN
600	900	25
750	1050	25
900	1200	25
1050	1350	25
1200	1500	25
1350	1650	25
1500	1800	25
1650	1950	25
1800	2100	25
1950	2250	25
2100	2400	25
2250	2550	25
2400	2700	25
2550	2850	25
2700	3000	24
2850	3150	23
3000	3300	23
3150	3450	22
3300	3600	21
3450	3750	20
3600	3900	20
3750	4050	19
3900	4200	18
4050	4350	17
4200	4500	17
4350	4650	16
4500	4800	16

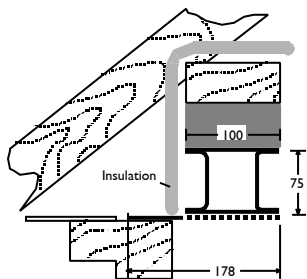
Opening Size	Lintel Length	Safe UDL kN
600	900	30
750	1050	30
900	1200	30
1050	1350	30
1200	1500	30
1350	1650	30
1500	1800	30
1650	1950	30
1800	2100	30
1950	2250	30
2100	2400	30
2250	2550	30
2400	2700	30
2550	2850	30
2700	3000	30
2850	3150	30
3000	3300	30
3150	3450	27
3300	3600	26
3450	3750	24
3600	3900	23
3750	4050	23
3900	4200	22
4050	4350	21
4200	4500	21
4350	4650	20
4500	4800	20

Opening Size	Lintel Length	Safe UDL kN
600	900	40
750	1050	40
900	1200	40
1050	1350	40
1200	1500	40
1350	1650	40
1500	1800	40
1650	1950	40
1800	2100	40
1950	2250	40
2100	2400	40
2250	2550	40
2400	2700	40
2550	2850	40
2700	3000	40
2850	3150	40
3000	3300	40
3150	3450	37
3300	3600	36
3450	3750	34
3600	3900	33
3750	4050	33
3900	4200	31
4050	4350	30
4200	4500	28
4350	4650	27
4500	4800	26

EAVES - OUTER: EAVES CAVITY: 40-75

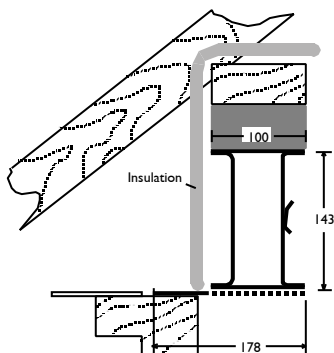
BE100-75

Inner: 100-125



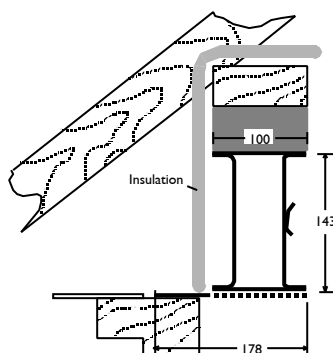
BE100-150

Inner: 100-125



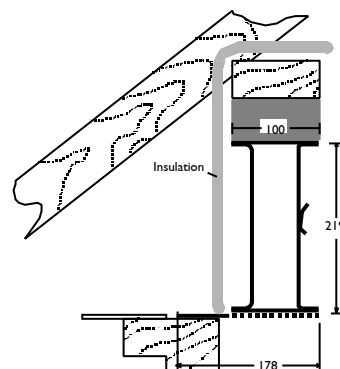
BE100-150/4

Inner: 100-125



BE100-225

Inner: 100-125



Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Lintel Properties

Ixx cm4	117.00
Zxx cm3	31.11
Weight kg/m	9.85
Area cm2	12.54
Ryy cm	3.18

Lintel Properties

Ixx cm4	530.00
Zxx cm3	73.81
Weight kg/m	13.06
Area cm2	16.62
Ryy cm	3.14

Lintel Properties

Ixx cm4	704.44
Zxx cm3	98.04
Weight kg/m	17.41
Area cm2	22.16
Ryy cm	3.14

Lintel Properties

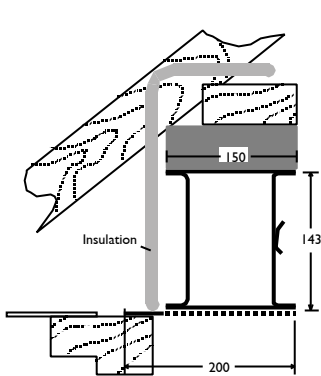
Ixx cm4	1447.71
Zxx cm3	131.75
Weight kg/m	16.64
Area cm2	21.18
Ryy cm	3.11

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	40	600	900	50	600	900	55	600	900	80
750	1050	40	750	1050	50	750	1050	55	750	1050	80
900	1200	35	900	1200	50	900	1200	55	900	1200	80
1050	1350	30	1050	1350	50	1050	1350	55	1050	1350	80
1200	1500	25	1200	1500	50	1200	1500	55	1200	1500	80
1350	1650	21	1350	1650	50	1350	1650	55	1350	1650	80
1500	1800	17	1500	1800	40	1500	1800	55	1500	1800	80
1650	1950	13	1650	1950	40	1650	1950	55	1650	1950	80
1800	2100		1800	2100	40	1800	2100	55	1800	2100	80
1950	2250		1950	2250	30	1950	2250	55	1950	2250	80
2100	2400		2100	2400	30	2100	2400	55	2100	2400	80
2250	2550		2250	2550	30	2250	2550	47	2250	2550	70
2400	2700		2400	2700	30	2400	2700	41	2400	2700	70
2550	2850		2550	2850	25	2550	2850	36	2550	2850	60
2700	3000		2700	3000	25	2700	3000	31	2700	3000	60
2850	3150		2850	3150	20	2850	3150	28	2850	3150	60
3000	3300		3000	3300		3000	3300	24	3000	3300	60
3150	3450		3150	3450		3150	3450	21	3150	3450	50
3300	3600		3300	3600		3300	3600	19	3300	3600	50
3450	3750		3450	3750		3450	3750	17	3450	3750	50
3600	3900		3600	3900		3600	3900	15	3600	3900	50
3750	4050		3750	4050		3750	4050		3750	4050	40
3900	4200		3900	4200		3900	4200		3900	4200	40
4050	4350		4050	4350		4050	4350		4050	4350	35
4200	4500		4200	4500		4200	4500		4200	4500	35
4350	4650		4350	4650		4350	4650		4350	4650	35
4500	4800		4500	4800		4500	4800		4500	4800	35

EAVES - OUTER: EAVES CAVITY: 40-75

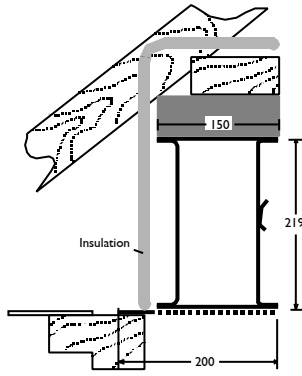
BE150-150

Inner: 150-175



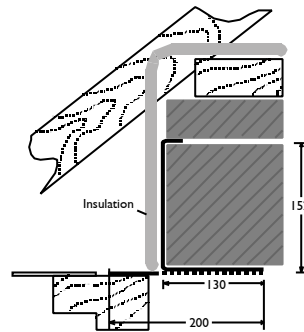
BE150-225

Inner: 150-175



ECSE

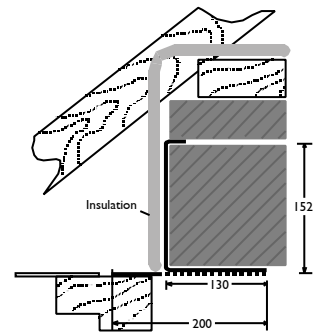
Inner: 150-175



This lintel can be produced for 100mm inner Blockwork Ref. ECS

ECSE/4

Inner: 150-175



This lintel can be produced for 100mm inner Blockwork Ref. ECS

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Lintel Properties

Ixx cm4	677.42
Zxx cm3	94.25
Weight kg/m	15.41
Area cm2	19.62
Ryy cm	5.15

Lintel Properties

Ixx cm4	1797.66
Zxx cm3	163.57
Weight kg/m	19.00
Area cm2	24.18
Ryy cm	5.22

Lintel Properties

Ixx cm4	355.00
Zxx cm3	34.75
Weight kg/m	8.15
Area cm2	10.38
Ryy cm	3.94

Lintel Properties

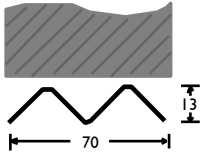
Ixx cm4	601.63
Zxx cm3	73.10
Weight kg/m	11.82
Area cm2	15.04
Ryy cm	3.94

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	60	600	900	80	600	900	30	600	900	50
750	1050	60	750	1050	80	750	1050	30	750	1050	50
900	1200	60	900	1200	80	900	1200	30	900	1200	50
1050	1350	60	1050	1350	80	1050	1350	30	1050	1350	50
1200	1500	60	1200	1500	80	1200	1500	30	1200	1500	50
1350	1650	60	1350	1650	80	1350	1650	28	1350	1650	48
1500	1800	60	1500	1800	80	1500	1800	26	1500	1800	46
1650	1950	60	1650	1950	80	1650	1950	23	1650	1950	43
1800	2100	55	1800	2100	80	1800	2100	22	1800	2100	42
1950	2250	50	1950	2250	80	1950	2250	20	1950	2250	40
2100	2400	50	2100	2400	80	2100	2400	19	2100	2400	36
2250	2550	45	2250	2550	70	2250	2550	17	2250	2550	33
2400	2700	40	2400	2700	70	2400	2700	16	2400	2700	31
2550	2850	35	2550	2850	60	2550	2850	15	2550	2850	26
2700	3000	30	2700	3000	60	2700	3000	15	2700	3000	23
2850	3150	30	2850	3150	60	2850	3150		2850	3150	19
3000	3300		3000	3300	60	3000	3300		3000	3300	17
3150	3450		3150	3450	50	3150	3450		3150	3450	14
3300	3600		3300	3600	50	3300	3600		3300	3600	12
3450	3750		3450	3750	50	3450	3750		3450	3750	10
3600	3900		3600	3900	50	3600	3900		3600	3900	9
3750	4050		3750	4050	40	3750	4050		3750	4050	
3900	4200		3900	4200	40	3900	4200		3900	4200	
4050	4350		4050	4350	35	4050	4350		4050	4350	
4200	4500		4200	4500	35	4200	4500		4200	4500	
4350	4650		4350	4650	35	4350	4650		4350	4650	
4500	4800		4500	4800	35	4500	4800		4500	4800	

SOLID WALL LINTELS

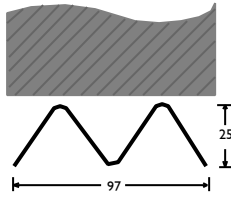
IN75

Solid 75mm



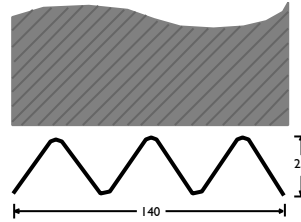
IN100

Solid 100mm



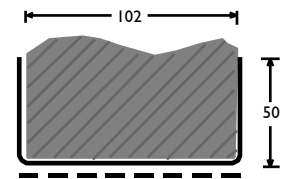
IN140

Solid 140mm



CH100

Solid 100mm



Optional Features

Optional Features

Optional Features

Optional Features

Flat base

Suffix/F

Lintel Properties

Ixx cm ⁴	N/A
Zxx cm ³	N/A
Weight kg/m	N/A
Area cm ²	N/A
Ryy cm	N/A

Lintel Properties

Ixx cm ⁴	N/A
Zxx cm ³	N/A
Weight kg/m	N/A
Area cm ²	N/A
Ryy cm	N/A

Lintel Properties

Ixx cm ⁴	N/A
Zxx cm ³	N/A
Weight kg/m	N/A
Area cm ²	N/A
Ryy cm	N/A

Lintel Properties

Ixx cm ⁴	14.64
Zxx cm ³	3.90
Weight kg/m	4.76
Area cm ²	6.06
Ryy cm	4.08

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	5	600	900	5	600	900	5	600	900	20
750	1050	5	750	1050	5	750	1050	5	750	1050	20
900	1200	5	900	1200	5	900	1200	5	900	1200	20
1050	1350		1050	1350	5	1050	1350	5	1050	1350	20
1200	1500		1200	1500	4	1200	1500	4	1200	1500	20
1350	1650		1350	1650	4	1350	1650	4	1350	1650	15
1500	1800		1500	1800	4	1500	1800	4	1500	1800	10
1650	1950		1650	1950	4	1650	1950	4	1650	1950	10

All above UDL loads incorporate composite action from surrounding masonry to BS5628.

A minimum height of 150mm with well filled joints will achieve the above loads after 7 days curing.

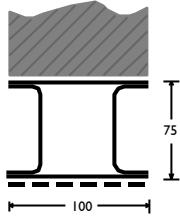
Higher loads can be achieved by increasing the height of the masonry above the lintel.

IN100 lintels can be overlapped or used side by side for 150 and 200mm non-load bearing walls.

SOLID WALL LINTELS

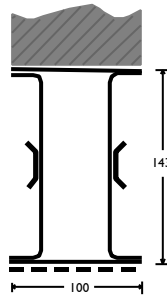
BOX 100-75

Solid 100mm



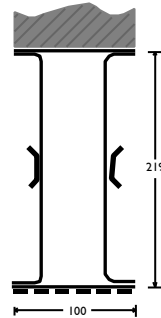
BOX 100-150

Solid 100mm



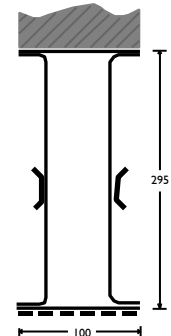
BOX 100-225

Solid 100mm



BOX 100-295

Solid 100mm



Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Lintel Properties

Ixx cm ⁴	117.20
Zxx cm ³	31.11
Weight kg/m	9.85
Area cm ²	12.54
Ryy cm	3.18

Lintel Properties

Ixx cm ⁴	649.62
Zxx cm ³	79.84
Weight kg/m	15.30
Area cm ²	19.47
Ryy cm	4.64

Lintel Properties

Ixx cm ⁴	1740.74
Zxx cm ³	142.79
Weight kg/m	18.88
Area cm ²	24.03
Ryy cm	3.90

Lintel Properties

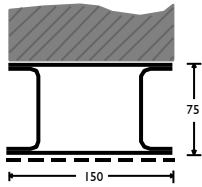
Ixx cm ⁴	2976.72
Zxx cm ³	201.26
Weight kg/m	20.22
Area cm ²	25.74
Ryy cm	3.50

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	40	600	900	60	600	900	95	600	900	105
750	1050	40	750	1050	60	750	1050	95	750	1050	105
900	1200	35	900	1200	60	900	1200	95	900	1200	105
1050	1350	30	1050	1350	60	1050	1350	95	1050	1350	105
1200	1500	25	1200	1500	60	1200	1500	95	1200	1500	105
1350	1650	21	1350	1650	60	1350	1650	95	1350	1650	105
1500	1800	17	1500	1800	50	1500	1800	95	1500	1800	105
1650	1950	13	1650	1950	50	1650	1950	95	1650	1950	105
1800	2100		1800	2100	50	1800	2100	75	1800	2100	95
1950	2250		1950	2250	40	1950	2250	75	1950	2250	95
2100	2400		2100	2400	40	2100	2400	75	2100	2400	95
2250	2550		2250	2550	40	2250	2550	70	2250	2550	90
2400	2700		2400	2700	40	2400	2700	70	2400	2700	90
2550	2850		2550	2850	30	2550	2850	60	2550	2850	80
2700	3000		2700	3000	30	2700	3000	60	2700	3000	80
2850	3150		2850	3150	25	2850	3150	60	2850	3150	80
3000	3300		3000	3300		3000	3300	60	3000	3300	80
3150	3450		3150	3450		3150	3450	50	3150	3450	70
3300	3600		3300	3600		3300	3600	50	3300	3600	70
3450	3750		3450	3750		3450	3750	50	3450	3750	70
3600	3900		3600	3900		3600	3900	50	3600	3900	70
3750	4050		3750	4050		3750	4050	40	3750	4050	60
3900	4200		3900	4200		3900	4200	40	3900	4200	60
4050	4350		4050	4350		4050	4350	40	4050	4350	60
4200	4500		4200	4500		4200	4500	30	4200	4500	50
4350	4650		4350	4650		4350	4650	30	4350	4650	50
4500	4800		4500	4800		4500	4800	30	4500	4800	50

SOLID WALL + CHANNEL LINTELS

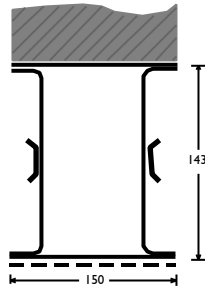
BOX 150-75

Solid 150mm



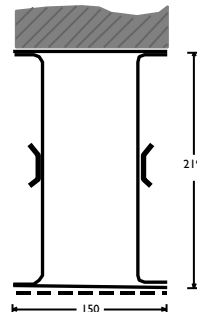
BOX 150-150

Solid 150mm



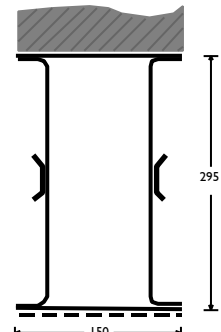
BOX 150-225

Solid 150mm



BOX 150-295

Solid 150mm



Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Optional Features

No Plaster Key Suffix/NP

Lintel Properties

Ixx cm ⁴	154.51
Zxx cm ³	40.95
Weight kg/m	12.21
Area cm ²	15.54
Ryy cm	5.05

Lintel Properties

Ixx cm ⁴	677.42
Zxx cm ³	94.25
Weight kg/m	15.41
Area cm ²	19.62
Ryy cm	5.15

Lintel Properties

Ixx cm ⁴	1797.66
Zxx cm ³	163.57
Weight kg/m	19.00
Area cm ²	24.18
Ryy cm	5.22

Lintel Properties

Ixx cm ⁴	3616.23
Zxx cm ³	244.48
Weight kg/m	22.58
Area cm ²	28.74
Ryy cm	5.26

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	40	600	900	60	600	900	80	600	900	100
750	1050	40	750	1050	60	750	1050	80	750	1050	100
900	1200	35	900	1200	60	900	1200	80	900	1200	100
1050	1350	30	1050	1350	60	1050	1350	80	1050	1350	100
1200	1500	25	1200	1500	60	1200	1500	80	1200	1500	100
1350	1650	21	1350	1650	60	1350	1650	80	1350	1650	100
1500	1800	17	1500	1800	60	1500	1800	80	1500	1800	100
1650	1950	15	1650	1950	60	1650	1950	80	1650	1950	100
1800	2100		1800	2100	55	1800	2100	80	1800	2100	100
1950	2250		1950	2250	50	1950	2250	80	1950	2250	100
2100	2400		2100	2400	50	2100	2400	80	2100	2400	100
2250	2550		2250	2550	45	2250	2550	70	2250	2550	100
2400	2700		2400	2700	40	2400	2700	70	2400	2700	100
2550	2850		2550	2850	35	2550	2850	60	2550	2850	100
2700	3000		2700	3000	30	2700	3000	60	2700	3000	100
2850	3150		2850	3150	30	2850	3150	60	2850	3150	70
3000	3300		3000	3300		3000	3300	60	3000	3300	70
3150	3450		3150	3450		3150	3450	60	3150	3450	70
3300	3600		3300	3600		3300	3600	50	3300	3600	70
3450	3750		3450	3750		3450	3750	50	3450	3750	70
3600	3900		3600	3900		3600	3900	50	3600	3900	70
3750	4050		3750	4050		3750	4050	50	3750	4050	60
3900	4200		3900	4200		3900	4200	40	3900	4200	60
4050	4350		4050	4350		4050	4350	40	4050	4350	60
4200	4500		4200	4500		4200	4500	35	4200	4500	60
4350	4650		4350	4650		4350	4650	35	4350	4650	50
4500	4800		4500	4800		4500	4800	35	4500	4800	50

SOLID WALL + CHANNEL LINTELS

CS

Solid 100mm
(See optional features
if plaster key is required)

CSE

Solid 150mm
(See optional features
if plaster key is required)

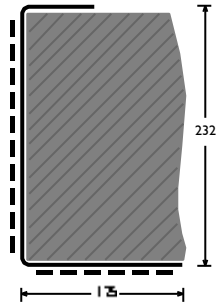
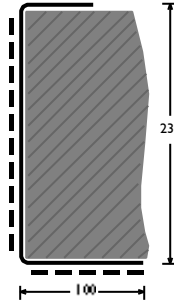
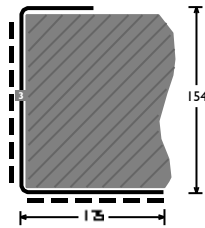
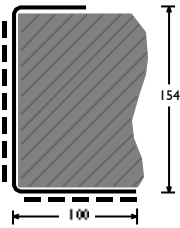
CM

Solid 100mm
(See optional features
if plaster key is required)

CME

Solid 150mm
(See optional features
if plaster key is required)

Supplied standard without plastic key



Optional Features

Plaster Key - Base
- Side Suffix/PB
 Suffix/PS

Optional Features

Plaster Key - Base
- Side Suffix/PB
 Suffix/PS

Optional Features

Plaster Key - Base
- Side Suffix/PB
 Suffix/PS

Optional Features

Plaster Key - Base
- Side Suffix/PB
 Suffix/PS

Lintel Properties

Ixx cm⁴ 400.88
Zxx cm³ 43.79
Weight kg/m 8.15
Area cm² 10.38
Ryy cm 3.02

Lintel Properties

Ixx cm⁴ 511.78
Zxx cm³ 58.43
Weight kg/m 9.57
Area cm² 12.18
Ryy cm 3.93

Lintel Properties

Ixx cm⁴ 932.91
Zxx cm³ 66.79
Weight kg/m 9.57
Area cm² 12.18
Ryy cm 2.86

Lintel Properties

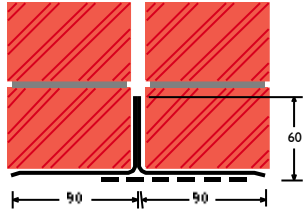
Ixx cm⁴ 1080.69
Zxx cm³ 77.11
Weight kg/m 10.51
Area cm² 13.38
Ryy cm 3.71

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	20	600	900	20	600	900	30	600	900	30
750	1050	20	750	1050	20	750	1050	30	750	1050	30
900	1200	20	900	1200	20	900	1200	30	900	1200	30
1050	1350	20	1050	1350	20	1050	1350	30	1050	1350	30
1200	1500	20	1200	1500	20	1200	1500	30	1200	1500	30
1350	1650	15	1350	1650	15	1350	1650	25	1350	1650	25
1500	1800	15	1500	1800	15	1500	1800	25	1500	1800	25
1650	1950	15	1650	1950	15	1650	1950	24	1650	1950	24
1800	2100	15	1800	2100	15	1800	2100	20	1800	2100	20
1950	2250	14	1950	2250	14	1950	2250	20	1950	2250	20
2100	2400	13	2100	2400	13	2100	2400	20	2100	2400	20
2250	2550	12	2250	2550	12	2250	2550	17	2250	2550	17
2400	2700	10	2400	2700	10	2400	2700	16	2400	2700	16
2550	2850		2550	2850		2550	2850	15	2550	2850	15
2700	3000		2700	3000		2700	3000	15	2700	3000	15
2850	3150		2850	3150		2850	3150	14	2850	3150	14
3000	3300		3000	3300		3000	3300	13	3000	3300	13
3150	3450		3150	3450		3150	3450	12	3150	3450	12
3300	3600		3300	3600		3300	3600	12	3300	3600	12
3450	3750		3450	3750		3450	3750	9	3450	3750	10
3600	3900		3600	3900		3600	3900	9	3600	3900	10
3750	4050		3750	4050		3750	4050	9	3750	4050	10
3900	4200		3900	4200		3900	4200	9	3900	4200	10
4050	4350		4050	4350		4050	4350	9	4050	4350	10
4200	4500		4200	4500		4200	4500	9	4200	4500	10
4350	4650		4350	4650		4350	4650	9	4350	4650	10
4500	4800		4500	4800		4500	4800	9	4500	4800	10

SOLID WALL LINTELS

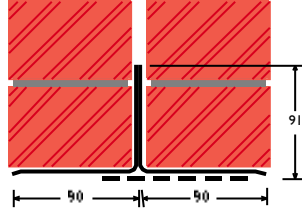
2 LA 60

Solid 190-225mm



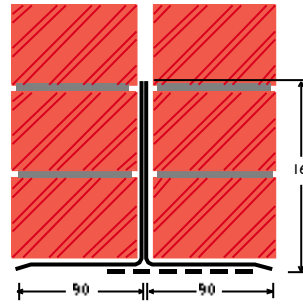
2 LA 90

Solid 190-225mm



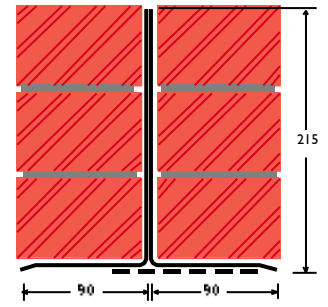
2 LA 160

Solid 190-225mm



2 LA 215

Solid 190-225mm



Optional Features

Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Optional Features

Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Optional Features

Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Optional Features

Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Lintel Properties

Ixx cm ⁴	30.95
Zxx cm ³	6.24
Weight kg/m	7.29
Area cm ²	9.28
Ryy cm	4.37

Lintel Properties

Ixx cm ⁴	99.92
Zxx cm ³	13.90
Weight kg/m	9.32
Area cm ²	11.86
Ryy cm	3.94

Lintel Properties

Ixx cm ⁴	453.20
Zxx cm ³	39.85
Weight kg/m	12.57
Area cm ²	16.00
Ryy cm	3.40

Lintel Properties

Ixx cm ⁴	995.15
Zxx cm ³	68.71
Weight kg/m	15.16
Area cm ²	19.30
Ryy cm	3.10

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	9	600	900	20	600	900	40	600	900	50
750	1050	7	750	1050	20	750	1050	40	750	1050	50
900	1200	6	900	1200	16	900	1200	40	900	1200	50
1050	1350	5	1050	1350	14	1050	1350	40	1050	1350	50
1200	1500	4	1200	1500	13	1200	1500	35	1200	1500	50
1350	1650		1350	1650	11	1350	1650	30	1350	1650	50
1500	1800		1500	1800	10	1500	1800	30	1500	1800	40
1650	1950		1650	1950	9	1650	1950	28	1650	1950	40
1800	2100		1800	2100	9	1800	2100	26	1800	2100	40
1950	2250		1950	2250		1950	2250	24	1950	2250	40
2100	2400		2100	2400		2100	2400	22	2100	2400	38
2250	2550		2250	2550		2250	2550	21	2250	2550	36
2400	2700		2400	2700		2400	2700	20	2400	2700	34
2550	2850		2550	2850		2550	2850		2550	2850	32
2700	3000		2700	3000		2700	3000		2700	3000	30
2850	3150		2850	3150		2850	3150		2850	3150	29
3000	3300		3000	3300		3000	3300		3000	3300	27
3150	3450		3150	3450		3150	3450		3150	3450	26
3300	3600		3300	3600		3300	3600		3300	3600	25
3450	3750		3450	3750		3450	3750		3450	3750	24
3600	3900		3600	3900		3600	3900		3600	3900	23
3750	4050		3750	4050		3750	4050		3750	4050	22
3900	4200		3900	4200		3900	4200		3900	4200	21
4050	4350		4050	4350		4050	4350		4050	4350	20
4200	4500		4200	4500		4200	4500		4200	4500	14
4350	4650		4350	4650		4350	4650		4350	4650	14
4500	4800		4500	4800		4500	4800		4500	4800	14

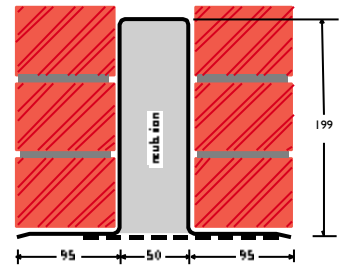
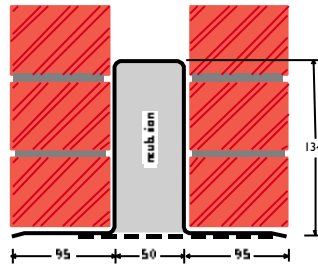
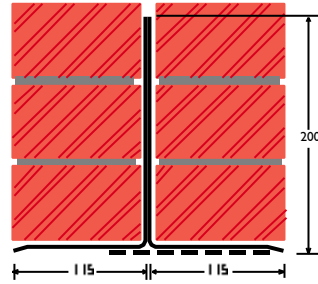
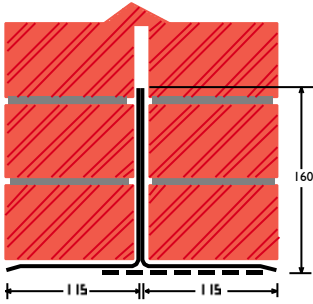
SOLID WALL LINTELS

2 LA 160-250
Solid 240-270mm

2 LA 200-250
Solid 240-270mm

SS250
Solid 240-270mm

MS250
Solid 240-270mm



Optional Features
Flat Base Suffix/F

Optional Features
Flat Base Suffix/F

Optional Features
Flat Base Suffix/F

Optional Features
Flat Base Suffix/F

Lintel Properties
Ixx cm4 482.76
Zxx cm3 41.40
Weight kg/m 14.08
Area cm2 17.92
Ryy cm 4.60

Lintel Properties
Ixx cm4 861.84
Zxx cm3 62.05
Weight kg/m 15.57
Area cm2 19.81
Ryy cm 4.36

Lintel Properties
Ixx cm4 433.72
Zxx cm3 49.33
Weight kg/m 13.31
Area cm2 16.95
Ryy cm 5.11

Lintel Properties
Ixx cm4 1124.19
Zxx cm3 90.05
Weight kg/m 16.38
Area cm2 20.85
Ryy cm 4.72

Opening Size	Lintel Length	Safe UDL kN
600	900	40
750	1050	40
900	1200	40
1050	1350	40
1200	1500	30
1350	1650	30
1500	1800	30
1650	1950	30
1800	2100	25
1950	2250	20
2100	2400	20
2250	2550	20
2400	2700	20
2550	2850	17
2700	3000	17
2850	3150	17
3000	3300	17
3150	3450	20
3300	3600	20
3450	3750	20
3600	3900	20
3750	4050	15
3900	4200	15
4050	4350	15
4200	4500	15
4350	4650	15
4500	4800	15

Opening Size	Lintel Length	Safe UDL kN
600	900	50
750	1050	50
900	1200	50
1050	1350	50
1200	1500	50
1350	1650	40
1500	1800	40
1650	1950	40
1800	2100	40
1950	2250	30
2100	2400	30
2250	2550	30
2400	2700	30
2550	2850	20
2700	3000	20
2850	3150	20
3000	3300	20
3150	3450	20
3300	3600	20
3450	3750	20
3600	3900	20
3750	4050	15
3900	4200	15
4050	4350	15
4200	4500	15
4350	4650	15
4500	4800	15

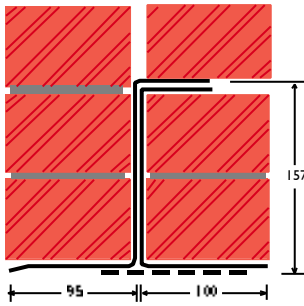
Opening Size	Lintel Length	Safe UDL kN
600	900	40
750	1050	40
900	1200	40
1050	1350	40
1200	1500	40
1350	1650	40
1500	1800	30
1650	1950	30
1800	2100	30
1950	2250	30
2100	2400	20
2250	2550	20
2400	2700	20
2550	2850	20
2700	3000	20
2850	3150	20
3000	3300	20
3150	3450	20
3300	3600	20
3450	3750	20
3600	3900	20
3750	4050	15
3900	4200	15
4050	4350	15
4200	4500	15
4350	4650	15
4500	4800	15

Opening Size	Lintel Length	Safe UDL kN
600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	60
1500	1800	60
1650	1950	60
1800	2100	50
1950	2250	50
2100	2400	50
2250	2550	45
2400	2700	45
2550	2850	40
2700	3000	40
2850	3150	34
3000	3300	34
3150	3450	34
3300	3600	30
3450	3750	28
3600	3900	28
3750	4050	28
3900	4200	25
4050	4350	24
4200	4500	24
4350	4650	20
4500	4800	20

SOLID WALL LINTELS

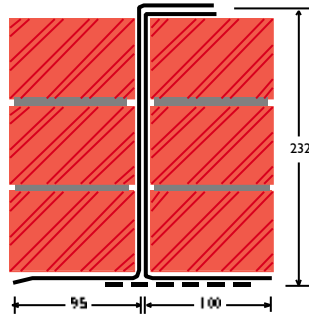
SS200

Solid 200-225mm



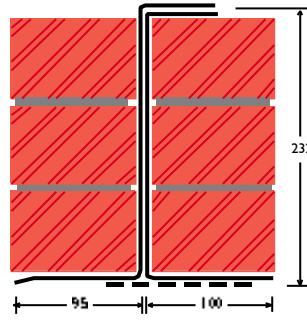
MS200

Solid 200-225mm



HS200

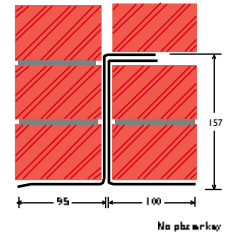
Solid 200-225mm



EXAMPLES

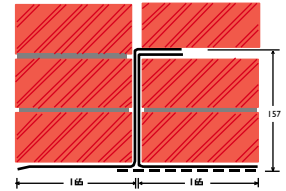
To show how optional features are coded

SS200/F



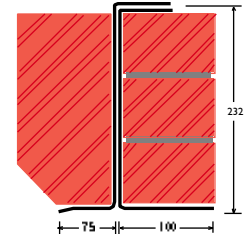
Lintel shown with optional flat base (F)

SS200/WI165/WO165



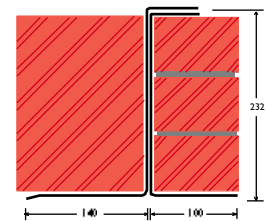
Lintel shown with optional wide inner 165 (WI 165) and wide outer 165 (WO 165)

MS200/C75/F



Lintel shown with optional cant outer 75mm (C75) and flat base (F)

MS200/WO140



Lintel shown with optional wide outer 140mm (WO 140)

Optional Features	
Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Optional Features	
Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Optional Features	
Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Lintel Properties	
Ixx cm ⁴	779.66
Zxx cm ³	85.92
Weight kg/m	15.61
Area cm ²	19.87
Ryy cm	3.65

Lintel Properties	
Ixx cm ⁴	1785.25
Zxx cm ³	131.78
Weight kg/m	18.44
Area cm ²	23.47
Ryy cm	3.22

Lintel Properties	
Ixx cm ⁴	2567.18
Zxx cm ³	190.75
Weight kg/m	27.14
Area cm ²	34.54
Ryy cm	3.17

Opening Size	Lintel Length	Safe UDL kN
600	900	60
750	1050	60
900	1200	60
1050	1350	60
1200	1500	60
1350	1650	60
1500	1800	60
1650	1950	60
1800	2100	56
1950	2250	52
2100	2400	48
2250	2550	45
2400	2700	43
2550	2850	40
2700	3000	38
2850	3150	36
3000	3300	34
3150	3450	32
3300	3600	29
3450	3750	26
3600	3900	24
3750	4050	22
3900	4200	21
4050	4350	19
4200	4500	18
4350	4650	15
4500	4800	15

Opening Size	Lintel Length	Safe UDL kN
600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	80
1500	1800	80
1650	1950	80
1800	2100	80
1950	2250	80
2100	2400	74
2250	2550	70
2400	2700	66
2550	2850	62
2700	3000	59
2850	3150	56
3000	3300	53
3150	3450	50
3300	3600	46
3450	3750	44
3600	3900	42
3750	4050	40
3900	4200	38
4050	4350	36
4200	4500	34
4350	4650	32
4500	4800	30

Opening Size	Lintel Length	Safe UDL kN
600	900	100
750	1050	100
900	1200	100
1050	1350	100
1200	1500	100
1350	1650	100
1500	1800	100
1650	1950	100
1800	2100	100
1950	2250	100
2100	2400	100
2250	2550	100
2400	2700	96
2550	2850	90
2700	3000	85
2850	3150	81
3000	3300	77
3150	3450	73
3300	3600	70
3450	3750	67
3600	3900	64
3750	4050	62
3900	4200	60
4050	4350	57
4200	4500	55
4350	4650	54
4500	4800	50

SOLID WALL LINTELS

BOX 100-75/WO95

Solid 200-225mm

BOX 100-150/WO95

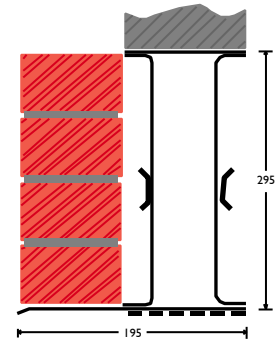
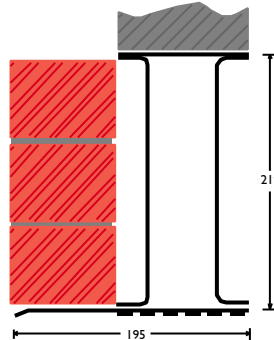
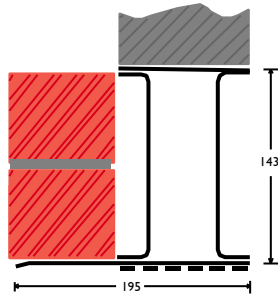
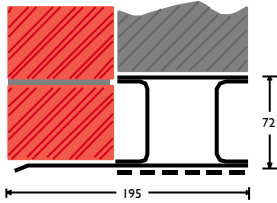
Solid 200-225mm

BOX 100-225/WO95

Solid 200-225mm

BOX 100-295/WO95

Solid 200-225mm



Optional Features

Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Optional Features

Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Optional Features

Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Optional Features

Flat Base	Suffix/F
Step 20mm	Suffix/ST
Cant Outer 50mm	Suffix/C

Lintel Properties

Ixx cm ⁴	153.96
Zxx cm ³	34.91
Weight kg/m	12.14
Area cm ²	15.45
Ryy cm	4.29

Lintel Properties

Ixx cm ⁴	657.88
Zxx cm ³	80.65
Weight kg/m	15.34
Area cm ²	19.53
Ryy cm	4.04

Lintel Properties

Ixx cm ⁴	1740.74
Zxx cm ³	142.79
Weight kg/m	18.88
Area cm ²	24.03
Ryy cm	3.90

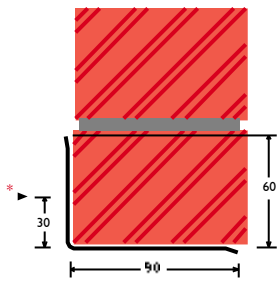
Lintel Properties

Ixx cm ⁴	3523.69
Zxx cm ³	218.00
Weight kg/m	22.46
Area cm ²	28.59
Ryy cm	4.30

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	30	600	900	60	600	900	80	600	900	100
750	1050	30	750	1050	60	750	1050	80	750	1050	100
900	1200	30	900	1200	60	900	1200	80	900	1200	100
1050	1350	30	1050	1350	60	1050	1350	80	1050	1350	100
1200	1500	30	1200	1500	60	1200	1500	80	1200	1500	100
1350	1650	25	1350	1650	60	1350	1650	80	1350	1650	100
1500	1800	20	1500	1800	60	1500	1800	80	1500	1800	100
1650	1950		1650	1950	50	1650	1950	80	1650	1950	100
1800	2100		1800	2100	50	1800	2100	80	1800	2100	100
1950	2250		1950	2250	40	1950	2250	80	1950	2250	100
2100	2400		2100	2400	40	2100	2400	80	2100	2400	100
2250	2550		2250	2550	40	2250	2550	70	2250	2550	100
2400	2700		2400	2700	30	2400	2700	70	2400	2700	100
2550	2850		2550	2850	30	2550	2850	60	2550	2850	100
2700	3000		2700	3000	30	2700	3000	60	2700	3000	100
2850	3150		2850	3150		2850	3150	50	2850	3150	90
3000	3300		3000	3300		3000	3300	50	3000	3300	90
3150	3450		3150	3450		3150	3450	50	3150	3450	80
3300	3600		3300	3600		3300	3600	50	3300	3600	80
3450	3750		3450	3750		3450	3750	40	3450	3750	70
3600	3900		3600	3900		3600	3900	40	3600	3900	70
3750	4050		3750	4050		3750	4050	40	3750	4050	70
3900	4200		3900	4200		3900	4200	40	3900	4200	60
4050	4350		4050	4350		4050	4350	30	4050	4350	60
4200	4500		4200	4500		4200	4500	30	4200	4500	60
4350	4650		4350	4650		4350	4650	30	4350	4650	60
4500	4800		4500	4800		4500	4800	30	4500	4800	60

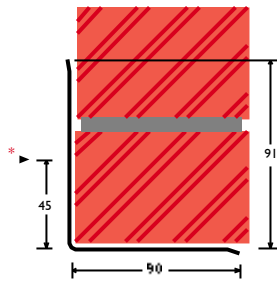
BRICK SUPPORT ANGLE

LA 60



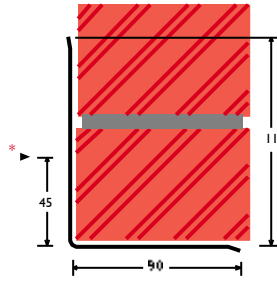
* OPTIONAL M 13 Hole

LA 90



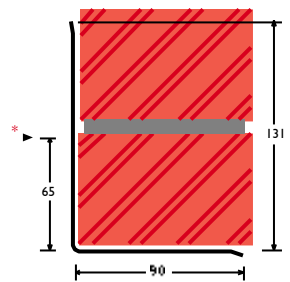
* OPTIONAL M 13 Hole

LA 110



* OPTIONAL M 13 Hole

LA 130



* OPTIONAL M 13 Hole

Optional Features

Top bend omitted, M13 holes added at 450mm ctrs
Suffix/H
 Plaster Key Base **Suffix/PB**
 Cant Outer 50mm **Suffix/C**
 Wide Outer 125mm **Suffix/WO**

Optional Features

Top bend omitted, M13 holes added at 450mm ctrs
Suffix/H
 Plaster Key Base **Suffix/PB**
 Cant Outer 50mm **Suffix/C**
 Wide Outer 125mm **Suffix/WO**

Optional Features

Top bend omitted, M13 holes added at 450mm ctrs
Suffix/H
 Plaster Key Base **Suffix/PB**
 Cant Outer 50mm **Suffix/C**
 Wide Outer 125mm **Suffix/WO**

Optional Features

Top bend omitted, M13 holes added at 450mm ctrs
Suffix/H
 Plaster Key Base **Suffix/PB**
 Cant Outer 50mm **Suffix/C**
 Wide Outer 125mm **Suffix/WO**

Lintel Properties

Ixx cm ⁴	19.09
Zxx cm ³	4.31
Weight kg/m	3.70
Area cm ²	4.71
Ryy cm	2.98

Lintel Properties

Ixx cm ⁴	55.38
Zxx cm ³	8.69
Weight kg/m	4.43
Area cm ²	5.64
Ryy cm	2.89

Lintel Properties

Ixx cm ⁴	74.97
Zxx cm ³	9.46
Weight kg/m	4.72
Area cm ²	6.01
Ryy cm	2.92

Lintel Properties

Ixx cm ⁴	140.86
Zxx cm ³	16.11
Weight kg/m	5.37
Area cm ²	6.84
Ryy cm	2.76

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	3	600	900	5	600	900	8	600	900	10
750	1050	3	750	1050	5	750	1050	8	750	1050	10
900	1200	3	900	1200	5	900	1200	8	900	1200	10
1050	1350	3	1050	1350	5	1050	1350	8	1050	1350	10
1200	1500	5	1200	1500	5	1200	1500	8	1200	1500	10
1350	1650	4	1350	1650	4	1350	1650	6	1350	1650	9
1500	1800	4	1500	1800	4	1500	1800	6	1500	1800	8
1650	1950	3	1650	1950	3	1650	1950	5	1650	1950	5
1800	2100	3	1800	2100	3	1800	2100	5	1800	2100	5
1950	2250	3	1950	2250	3	1950	2250	4	1950	2250	4
2100	2400	3	2100	2400	3	2100	2400	4	2100	2400	4
2250	2550	4	2250	2550	4	2250	2550	4	2250	2550	4
2400	2700		2400	2700		2400	2700		2400	2700	
2550	2850		2550	2850		2550	2850		2550	2850	
2700	3000		2700	3000		2700	3000		2700	3000	
2850	3150		2850	3150		2850	3150		2850	3150	

Safe UDL with bolted angle (option H) 20 kN/metre
 Safe load using Hilti M12, HAS 66342 (or similar), 30N concrete.

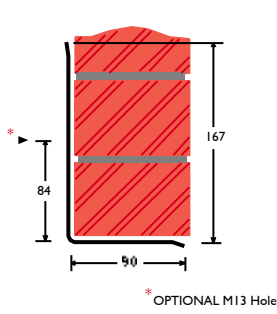
Safe UDL with bolted angle (option H) 20 kN/metre
 Safe load using Hilti M12, HAS 66342 (or similar), 30N concrete.

Safe UDL with bolted angle (option H) 20 kN/metre
 Safe load using Hilti M12, HAS 66342 (or similar), 30N concrete.

Safe UDL with bolted angle (option H) 20 kN/metre
 Safe load using Hilti M12, HAS 66342 (or similar), 30N concrete.

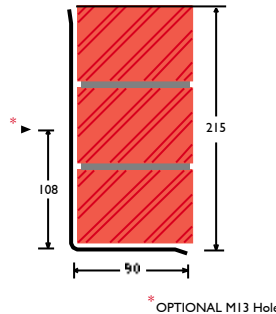
BRICK SUPPORT ANGLE

LA 160



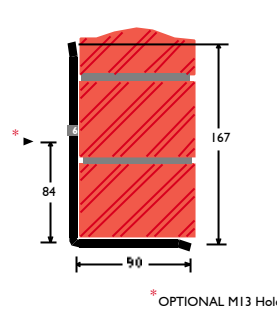
* OPTIONAL M13 Hole

LA 215



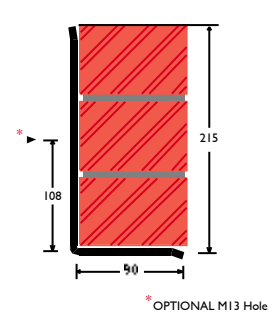
* OPTIONAL M13 Hole

LA 160/6



* OPTIONAL M13 Hole

LA 215/6



* OPTIONAL M13 Hole

Optional Features

Top bend omitted, M13 holes added at 450mm ctrs
Suffix/H
 Plaster Key Base **Suffix/PB**
 Cant Outer 50mm **Suffix/C**
 Wide Outer 125mm **Suffix/WO**

Optional Features

Top bend omitted, M13 holes added at 450mm ctrs
Suffix/H
 Plaster Key Base **Suffix/PB**
 Cant Outer 50mm **Suffix/C**
 Wide Outer 125mm **Suffix/WO**

Optional Features

Top bend omitted, M17 holes added at 450mm ctrs
Suffix/H
 Plaster Key Base **Suffix/PB**
 Cant Outer 50mm **Suffix/C**
 Wide Outer 125mm **Suffix/WO**

Optional Features

Top bend omitted, M17 holes added at 450mm ctrs
Suffix/H
 Plaster Key Base **Suffix/PB**
 Cant Outer 50mm **Suffix/C**
 Wide Outer 125mm **Suffix/WO**

Lintel Properties

Ixx cm ⁴	263.13
Zxx cm ³	24.40
Weight kg/m	6.22
Area cm ²	7.92
Ryy cm	2.64

Lintel Properties

Ixx cm ⁴	661.17
Zxx cm ³	51.91
Weight kg/m	11.67
Area cm ²	14.85
Ryy cm	1.85

Lintel Properties

Ixx cm ⁴	502.33
Zxx cm ³	46.57
Weight kg/m	12.30
Area cm ²	15.66
Ryy cm	2.68

Lintel Properties

Ixx cm ⁴	957.24
Zxx cm ³	68.55
Weight kg/m	14.85
Area cm ²	18.90
Ryy cm	2.90

Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN	Opening Size	Lintel Length	Safe UDL kN
600	900	13	600	900	20	600	900	25	600	900	40
750	1050	13	750	1050	20	750	1050	25	750	1050	40
900	1200	13	900	1200	20	900	1200	25	900	1200	40
1050	1350	13	1050	1350	20	1050	1350	25	1050	1350	40
1200	1500	13	1200	1500	20	1200	1500	25	1200	1500	40
1350	1650	10	1350	1650	20	1350	1650	25	1350	1650	40
1500	1800	9	1500	1800	15	1500	1800	20	1500	1800	35
1650	1950	8	1650	1950	15	1650	1950	20	1650	1950	35
1800	2100	8	1800	2100	15	1800	2100	20	1800	2100	35
1950	2250	7	1950	2250	10	1950	2250	15	1950	2250	30
2100	2400		2100	2400	10	2100	2400	15	2100	2400	30
2250	2550		2250	2550	10	2250	2550	15	2250	2550	25
2400	2700		2400	2700	10	2400	2700	15	2400	2700	25
2550	2850		2550	2850		2550	2850	10	2550	2850	20
2700	3000		2700	3000		2700	3000	10	2700	3000	20
2850	3150		2850	3150		2850	3150	10	2850	3150	20

Safe UDL with bolted angle (option H) 20 kN/metre
 Safe load using Hilti M12, HAS 66342 (or similar), 30N concrete.

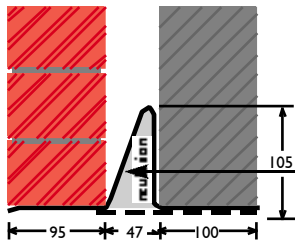
Safe UDL with bolted angle (option H) 20 kN/metre
 Safe load using Hilti M12, HAS 66342 (or similar), 30N concrete.

Safe UDL with bolted angle (option H) 30 kN/metre
 Safe load using Hilti M12, HAS 66342 (or similar), 30N concrete.

Safe UDL with bolted angle (option H) 30 kN/metre
 Safe load using Hilti M12, HAS 66342 (or similar), 30N concrete.

OUTER: 95-115

SC50a
Cavity + Inner Max 170mm
Any variation of design available



Optional Features

Lintray	Prefix L
Feature Brick	Suffix/FB
Step 20mm	Suffix/ST
Flat Base	Suffix/F
Cant Outer 50mm	Suffix/C
Wide Outer 125mm	Suffix/WO

Lintel Properties

Ixx CM⁴	165.36
Zxx CM³	20.93
Weight kg/m	11.40
Area cm	14.51
Ryy cm	5.35

Opening Size	Lintel Length	Safe UDL kN Load Ratio 1:5
600	900	22
750	1050	22
900	1200	22
1050	1350	22
1200	1500	22
1350	1650	20
1500	1800	18
1650	1950	
1800	2100	
1950	2250	
2100	2400	
2250	2550	
2400	2700	
2550	2850	
2700	3000	
2850	3150	
3000	3300	
3150	3450	
3300	3600	
3450	3750	
3600	3900	
3750	4050	6900
3900	4200	7200
4050	4350	7500
4200	4500	7800
4350	4650	8100
4500	4800	

OUTER leaf - brick, block or stone, minimum and maximum width. Use WO feature to increase maximum to 150mm.

LINTEL CODE

The maximum width of the CAVITY and the INNER. This must not be exceeded in order to comply with NHBC regulations. Note: HD4 always has an inner block width of 100mm, revert to required block width above lintel.

SCALE DRAWING

FULLY INSULATED

OPTIONAL FEATURES - These features allow comprehensive and easily specified variations to basic designs.

LINTRAY - See pages 6 - 7.

FEATURE BRICK - See page 9.

STEP - Standard 20mm, can vary e.g. ST100 -

See examples page 19 & 37

FLAT BASE - No Plaster Key. See example page 19.

CANT OUTER - Standard 50mm, can vary e.g.

C60 - See example page 31.

WIDE OUTER leaf - Standard 125mm, can vary e.g. WO115 - See example page 43.

PHYSICAL & STRUCTURAL PROPERTIES

SAFE UDL - Indicates the Safe Uniformly Distributed Load shown in kN. It is generally advisable to use lintels with an Outer to Inner ratio of 1:5 (Standard Range), to support masonry and domestic timber floors, and lintels with a ratio of 1:19 (Medium and Heavy Duty range), to support masonry and concrete floors or highly loaded eaves applications. If support for point loads is required, please consult our Technical Department.

Lintel Length - Allowing 150mm bearings.

See page 7 for Lintray bearings

Opening size - Clear span in mm's

Longer lintels displayed in red

For ease of use, all cavity wall lintels (pages 16 to 57) are shown with lightest duty on the left, working across the pages to the heaviest duty on the right.

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How to use this catalogue

First, specify material codes:-
A/I, A, B/I, B, C/I, C, D/I or D.
(See page 74 for specifications)



Harvey Lintels are suppliers of special stainless steel sections and design assistance to Subeo, an exciting project developing the worlds first underwater sports car. Visit their website for more information: www.subeo.com.

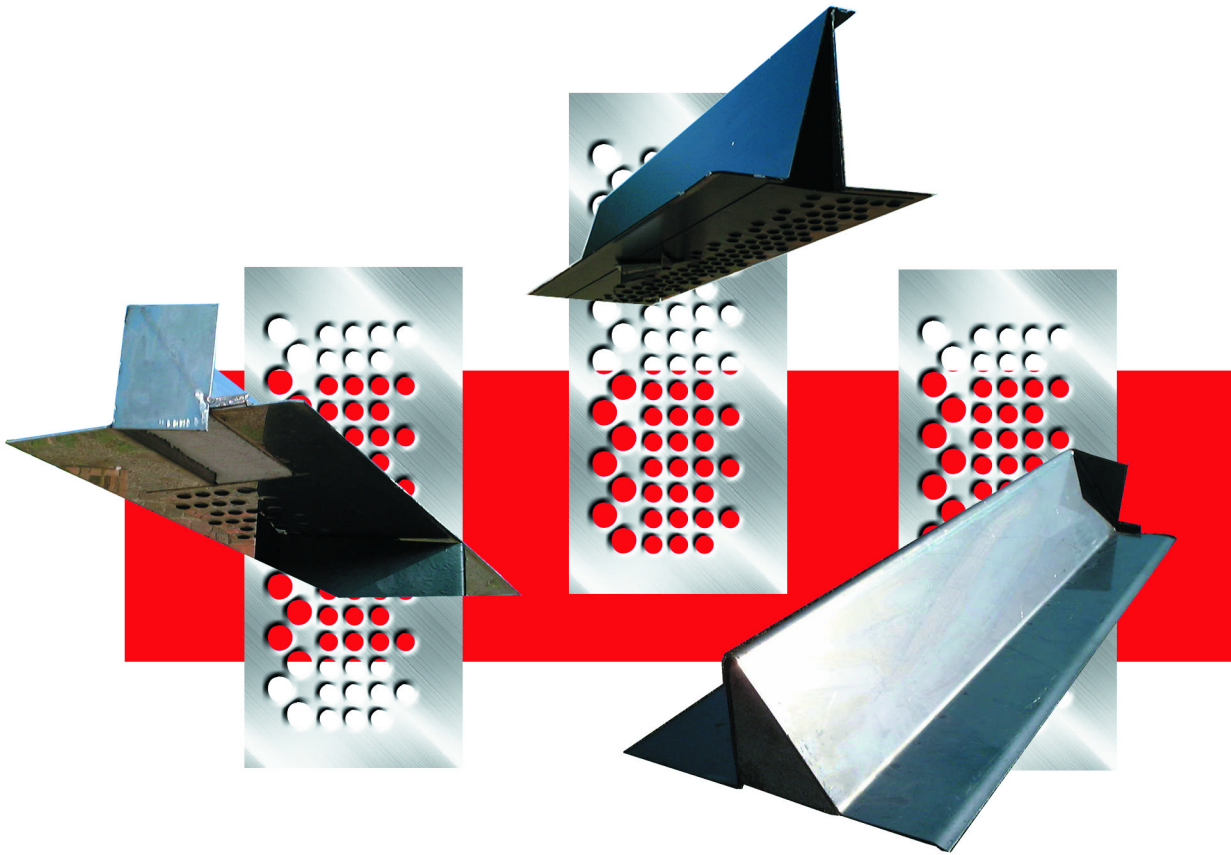
Building on our 20 years of construction Industry experience we are pleased to announce, due to increased capacity, the re-introduction of our structural steel fabrication workshop. From simple beams to portal frames. From balustrades, to spiral stairs. From sheet pressings to architectural features.

structural STEEL fabrication

Your enquiries are dealt with speedily and competitively by our experienced estimators and engineers. Unrivalled experience and efficient delivery are the key elements of our success. Using Computer technology and one of the most up to date workshops in the east of England including a 5000mm/400 tonne press, We are confident we can meet the most exacting of delivery programmes. So send your enquiries for a guaranteed quick response. Call 01206 79 2001.

YOU SPECIFY we supply





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