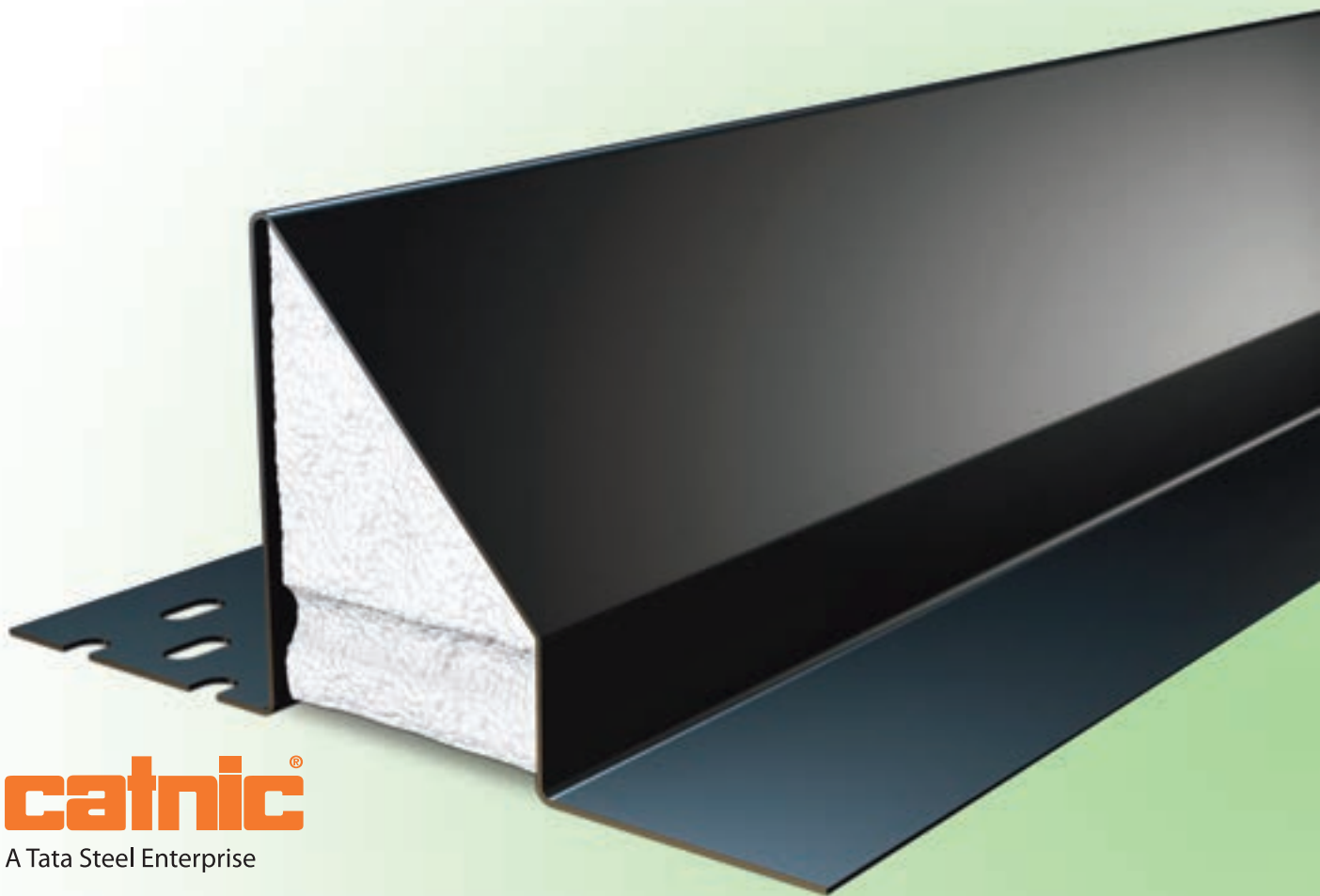


Catnic Steel Lintels



catnic[®]

A Tata Steel Enterprise

Improving choice, quality and service

Catnic Steel Lintels

How to select a lintel

1 Wall Construction

Lintels available for cavity walls, timber frame, external solid walls and internal partition and load bearing walls.

2 Lintel Length

The length of lintel is calculated by establishing the total width of the structural opening and adding 150mm (200mm for **CXL** lintels) end bearing allowance for each end. For example, an 1800mm structural opening will require a 2100mm lintel (2200 for **CXL**).

3 Applied Load

All lintels are designed to carry a specific safe working load (SWL). If you are not skilled in the method of load assessment, or the load has not been supplied to you by a third party, for advice please contact Miers Construction Products.

4 Sizes

Catnic steel lintels also come in a range of standard sizes.....



Cavity Wall

For cavity wall construction you need to know:

- external leaf dimension
- cavity dimension including insulation
- internal leaf dimension

Cavity Wall Lintels

50-65mm Cavity Wall



Standard Duty
CG50/100

Heavy Duty
CH50/100

Extra Heavy Duty
CX50/100

Wide Inner Leaf

50-65mm Cavity Wall (125-140mm WIL)



Standard Duty
CG50/125

Heavy Duty
CH50/125

Extra Heavy Duty
CX50/125

Cavity Wall Lintels

70-85mm Cavity Wall



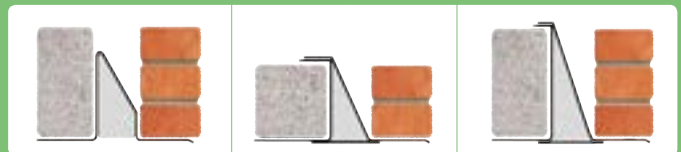
Standard Duty
CG70/100

Heavy Duty
CH70/100

Extra Heavy Duty
CX70/100

Wide Inner Leaf

70-85mm Cavity Wall (125-140mm WIL)



Standard Duty
CG70/125

Heavy Duty
CH70/125

Extra Heavy Duty
CX70/125

Cavity Wall Lintels

90-105mm Cavity Wall



Standard Duty
CG90/100

Heavy Duty
CH90/100

Extra Heavy Duty
CX90/100

Wide Inner Leaf

90-105mm Cavity Wall (125-140mm WIL)



Standard Duty
CG90/125

Heavy Duty
CH90/125

Extra Heavy Duty
CX90/125

call Miers on

St Neots 01480 702222

Warrington 01925 202128

e sales@miersconstructionproducts.co.uk

Airdrie 01698 907101

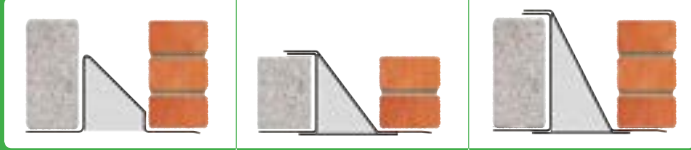
Birmingham 0121 2893293

w www.miersconstructionproducts.co.uk

Cavity Wall

Cavity Wall Lintels

110-125mm Cavity Wall



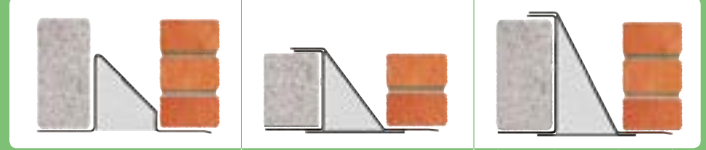
Standard Duty
CG110/100

Heavy Duty
CH110/100

Extra Heavy Duty
CX110/100

Wide Inner Leaf

110-125mm Cavity Wall (125-140mm WIL)



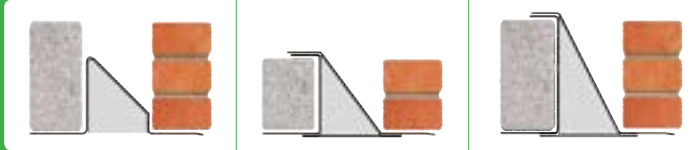
Standard Duty
CG110/125

Heavy Duty
CH110/125

Extra Heavy Duty
CX110/125

Cavity Wall Lintels

130-145mm Cavity Wall



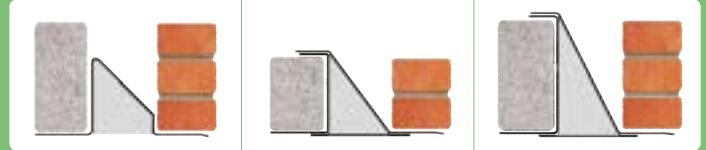
Standard Duty
CG130/100

Heavy Duty
CH130/100

Extra Heavy Duty
CX130/100

Wide Inner Leaf

130-145mm Cavity Wall (125-140mm WIL)



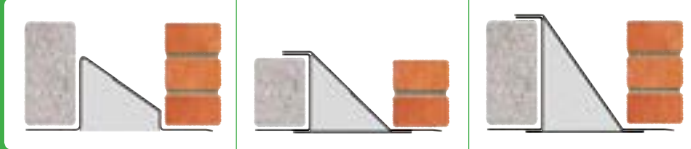
Standard Duty
CG130/125

Heavy Duty
CH130/125

Extra Heavy Duty
CX130/125

Cavity Wall Lintels

150-165mm Cavity Wall



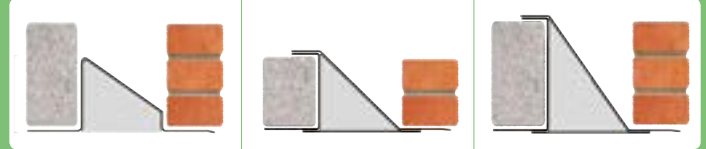
Standard Duty
CG150/100

Heavy Duty
CH150/100

Extra Heavy Duty
CX150/100

Wide Inner Leaf

150-165mm Cavity Wall (125-140mm WIL)



Standard Duty
CG150/125

Heavy Duty
CH150/125

Extra Heavy Duty
CX150/125

Extreme Loading Cavity Wall Lintels

50mm Cavity

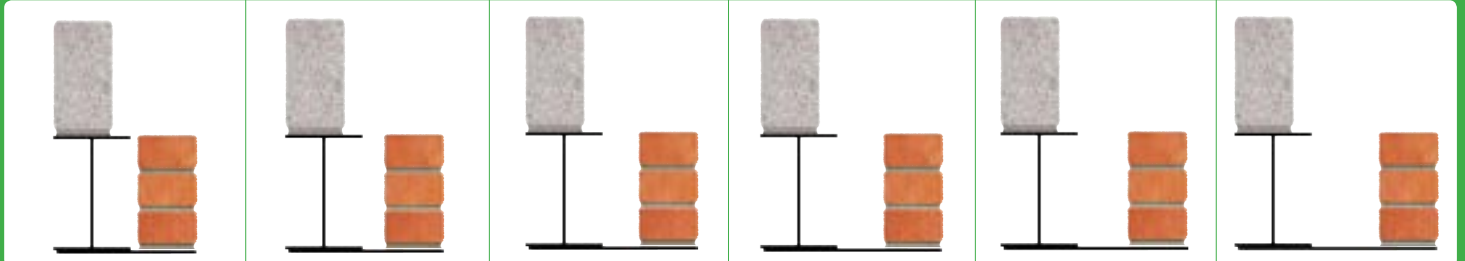
70mm Cavity

90mm Cavity

110mm Cavity

130mm Cavity

150mm Cavity



Extreme Duty
CXL240

Extreme Duty
CXL265

Extreme Duty
CXL290

Extreme Duty
CXL310

Extreme Duty
CXL330

Extreme Duty
CXL350

Wide Outer Leaf

50mm Cavity
140-150mm WOL

75mm Cavity
140-150mm WOL

100mm Cavity
140-150mm WOL



Standard Duty
CN42C

Heavy Duty
CN99/124C

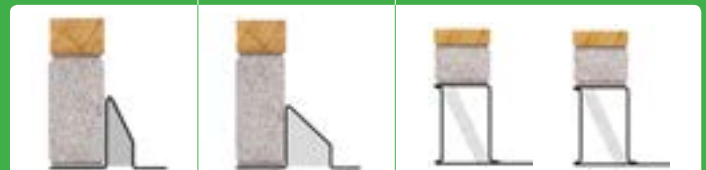
Extra Heavy Duty
CN99/1644C

Closed Eaves Cavity Wall Lintels

50-85mm Cavity

90-125mm Cavity

50-75mm Cavity



Standard Duty
CGE50/100

Standard Duty
CGE90/100

Heavy Duty
CN55A

Extra Heavy Duty
CN55C

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Warrington 01925 202128

e sales@miersconstructionproducts.co.uk

Airdrie 01698 907 101

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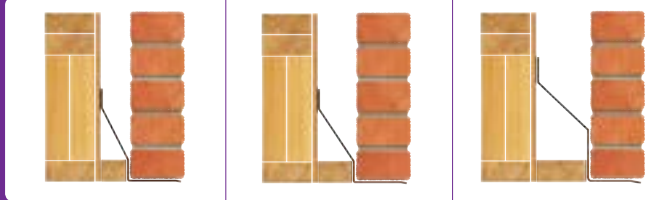
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Timber Frame Cavity Wall Lintels

50-65mm Cavity Wall

70-85mm Cavity Wall

90-105mm Cavity Wall



Standard Duty
CTF5

Standard Duty
CTF7

Standard Duty
CTF9

Timber Frame Wall

For timber frame constructions you need to know:

- external leaf dimension
- cavity dimension



Single Leaf Lintels

102mm Exterior Solid Wall



Light Duty
MBA

Standard Duty
ANG

Standard Duty
CCS

External Solid Wall

There are three forms of lintel for external solid walls:

- single element lintels for a single leaf of brickwork
- two-piece lintels shaped to carry the two separate leaves of a 215mm fair face brick wall
- box profile lintels which have a toe for use in solid brick or block walls from 200mm - 215mm thick



External Solid Wall Lintels

200mm and 215mm Solid Wall

200mm and 215mm Solid Wall

215mm Fair Face Brick Wall



Standard Duty
CN71A

Heavy Duty
CN71C

Standard Duty
CN81B

Heavy Duty
CN81C

Heavy Duty
CN99/394C

Standard Duty
CN50C

Heavy Duty
CN51C

Internal Partition & Load Bearing Wall

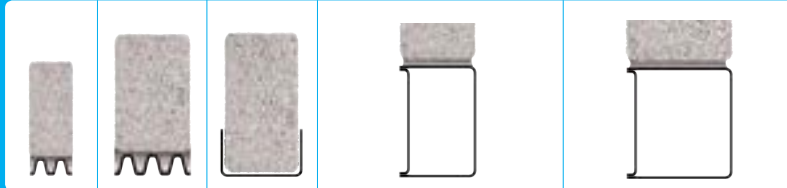
Internal Solid Wall Lintels

75mm

100mm Solid Wall

100mm Solid Wall

140mm Solid Wall



Extra Light Duty
CN92

Extra Light Duty
CN102

Light Duty
CN100

Standard Duty **BSD100**
Heavy Duty **BHD100**
Extra Heavy Duty **BXD100**

Standard Duty **BSD140**
Heavy Duty **BHD140**
Extra Heavy Duty **BXD140**

Lintels for internal partitions and load bearing walls:

- corrugated lintels for non-load bearing applications
- channel section lintels for loadings involving blockwork and floor joists
- box profile lintels for heavier loads including point loads and wider openings



Special Lintels

50-100mm Cavity Wall

Any Wall Construction



Standard Arch
Lintels

Bespoke Arch
Lintels

Bay Window
Lintels

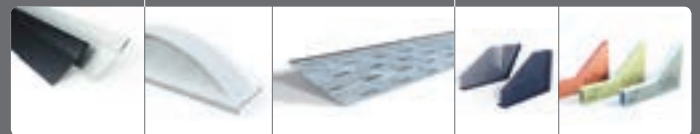
Corner
Lintels

Accessories

Corrosion Protection

Aesthetics

Moisture Control



Soffit Cladding

Arch Centres

External Plaster Key

Stop Ends

Weep Vents

call Miers on

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Birmingham 0121 2893 293

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Catnic Steel Lintels

Technical Request Form

Miers Construction Products endeavor to return enquiries at the soonest opportunity. If your enquiry is urgent please contact Technical Services on **01480 702222**.

Please ensure that the essential information **(indicated in red)** is provided, to enable a quick turnaround. Please return by fax on **01480 702223**.

*** Mandatory Fields**

Customer	Date
Name*	

Customer	Site
Address*	Address
Post Code*	Tel*
Email*	Fax

Lintel Requirements*			
<input type="checkbox"/> Special	<input type="checkbox"/> Internals	<input type="checkbox"/> Meter Boxes	<input type="checkbox"/> Replace Steelwork

Wall Construction (Please fill in dimensions)			
	Outer Leaf (mm)	Cavity Width Between Masonry inc. insulation	Inner Leaf (mm)
Brick			
Stone			
Dense block			
Lightweight block			
Medium block			N/A
Timber Frame		N/A	N/A
Steel Frame			

Is a separate damp proof course to be installed?	Yes	No
Please indicate whether outer leaf support is required at eaves level	Yes	No

Special Requirements (eg. send to Site/Merchant etc.)

Please include the following (please tick)	
<input type="checkbox"/> Plans/dimensions	<input type="checkbox"/> Elevations (all)
<input type="checkbox"/> Sections (all)	<input type="checkbox"/> Site plan (for summary)
<input type="checkbox"/> EITHER Suspended floor carcass timber	<input type="checkbox"/> Roof carcass (for girder trusses)
<input type="checkbox"/> OR Suspended concrete floor span directions	<input type="checkbox"/> Structural engineers steelwork arrangements
<input type="checkbox"/> Attic truss carcassing	

Please indicate any fairfaced internal areas on drawings

NOTE: FOR A QUICK TURNAROUND IT IS IMPORTANT THAT ALL BOXES ARE COMPLETED CORRECTLY BY REFERRING TO THE DRAWINGS BEFORE SENDING TO OUR TECHNICAL SERVICES DEPARTMENT

Fax: This enquiry to **01480 702223** Tel: Technical services **01480 702222**

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