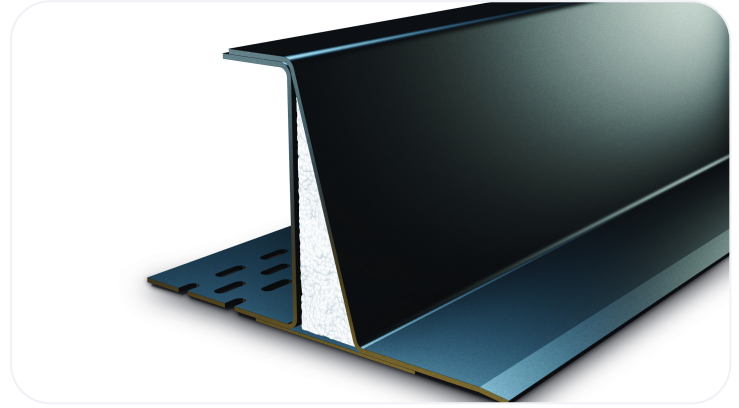


# Extra Heavy Duty Steel Lintel

## CX70/100

Steel lintel for use in extra heavy duty masonry cavity wall construction, designed to support typical masonry, timber floor and roof loads found in most buildings and suitable for fairfaced inner leaf masonry. Open back profile allows masonry to be built up continuously on both outer and inner leaf. Manufactured from galvanised steel, supplied fully insulated, with integral plaster key and Catnic's signature black powder coating



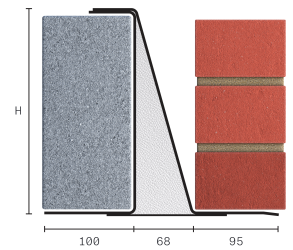
|                           |                  |
|---------------------------|------------------|
| <b>Wall Construction</b>  | CAVITY WALL      |
| <b>Inner Leaf</b>         | 100-115          |
| <b>Outer Leaf</b>         | 100-102          |
| <b>Cavity</b>             | 70-85            |
| <b>Loading Conditions</b> | EXTRA HEAVY DUTY |

## Specification

| Product Code | Standard Length (mm) | SWL (kN) 1:1/19:1 | Weight (kg) | Nominal Height (mm) |
|--------------|----------------------|-------------------|-------------|---------------------|
| CX70/1000900 | 900                  | 60                | 14.72       | 232                 |
| CX70/1001050 | 1050                 | 60                | 17.18       | 232                 |
| CX70/1001200 | 1200                 | 60                | 19.63       | 232                 |
| CX70/1001350 | 1350                 | 60                | 22.09       | 232                 |
| CX70/1001500 | 1500                 | 60                | 24.54       | 232                 |
| CX70/1001650 | 1650                 | 60                | 26.99       | 232                 |
| CX70/1001800 | 1800                 | 60                | 29.45       | 232                 |
| CX70/1001950 | 1950                 | 60                | 31.90       | 232                 |
| CX70/1002100 | 2100                 | 60                | 34.36       | 232                 |
| CX70/1002250 | 2250                 | 60                | 36.81       | 232                 |
| CX70/1002400 | 2400                 | 60                | 39.26       | 232                 |
| CX70/1002550 | 2550                 | 60                | 41.72       | 232                 |
| CX70/1002700 | 2700                 | 60                | 44.17       | 232                 |
| CX70/1002850 | 2850                 | 55                | 46.63       | 232                 |
| CX70/1003000 | 3000                 | 55                | 49.08       | 232                 |
| CX70/1003300 | 3300                 | 50                | 65.51       | 232                 |
| CX70/1003600 | 3600                 | 50                | 71.46       | 232                 |
| CX70/1003900 | 3900                 | 50                | 77.42       | 232                 |
| CX70/1004200 | 4200                 | 32                | 83.37       | 232                 |
| CX70/1004575 | 4575                 | 32                | 90.81       | 232                 |
| CX70/1004800 | 4800                 | 32                | 95.28       | 232                 |

- The SWL (safe working load) is based on the total UDL (uniform distributed load) over maximum span using 150mm end bearings.

- Standard lengths are available in increments of 150mm at lengths up to 3000mm, 300mm at lengths from 3000mm - 4800mm.
- When using the Catnic CH and CX Open Back ranges with concrete floors, always ensure that the blockwork is built tight against the inner vertical face, and that a mortar joint is added to the top of the blockwork so that the floor units have an even spread over the inner flange of the lintel.



All ratios are shown inner to outer

## Benefits

- Duplex Corrosion Protection
- Integral Plaster Key
- Built-In DPC
- Integral Insulation

- Made in the UK for a lower carbon footprint and certified to BES 6001 Responsible Sourcing standard.
- Made using lower carbon manufacturing
- It is possible to reuse all of our lintels, providing that they are not damaged. Contact our technical team for more information

**Note:** Whilst the above information is intended to offer general guidance regarding typical applications, it should not be considered as comprehensive. Requirements not fully covered by the above should be referred to our technical services department for individual consideration.

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