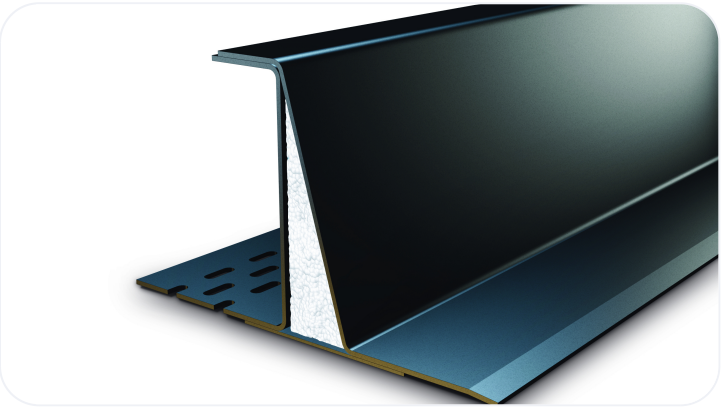
Extra Heavy Duty Steel Lintel
CX90/100



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

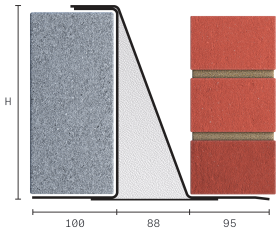
Wall Construction	CAVITY WALL
Inner Leaf	100-115
Outer Leaf	100-102
Cavity	90-105
Loading Conditions	EXTRA HEAVY DUTY

Specification

Product Code	Standard Length (mm)	SWL (kN) 1:1/19:1	Weight (kg)	Nominal Height (mm)
CX90/1000900	900	60	15.24	232
CX90/1001050	1050	60	17.78	232
CX90/1001200	1200	60	20.32	232
CX90/1001350	1350	60	22.86	232
CX90/1001500	1500	60	25.40	232
CX90/1001650	1650	60	27.93	232
CX90/1001800	1800	60	30.47	232
CX90/1001950	1950	60	33.01	232
CX90/1002100	2100	60	35.55	232
CX90/1002250	2250	60	38.09	232
CX90/1002400	2400	60	40.63	232
CX90/1002550	2550	60	43.17	232
CX90/1002700	2700	60	45.71	232
CX90/1002850	2850	55	48.25	232
CX90/1003000	3000	55	50.79	232
CX90/1003300	3300	50	67.58	232
CX90/1003600	3600	50	73.62	232
CX90/1003900	3900	50	79.76	232
CX90/1004200	4200	32	85.89	232
CX90/1004500	4500	32	93.70	232
CX90/1004800	4800	32	98.30	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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