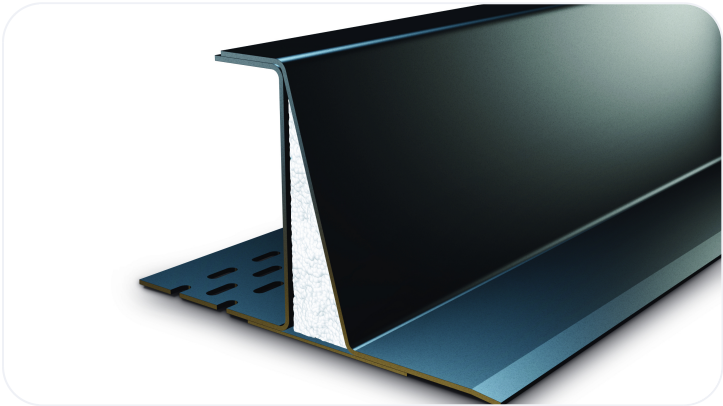


Heavy Duty Steel Lintel

CH90/100

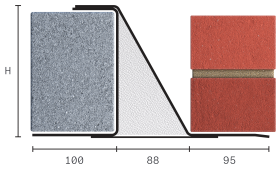
Heavy duty steel lintel for use in cavity wall construction, designed to support typical masonry, timber floor, roof loads and suitable for fairfaced inner leaf masonry. Open back profile allows masonry to be built up continuously on both outer and inner leaf. Manufactured from galvanised steel, supplied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



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

Specification

Product Code	Standard Length (mm)	SWL (kN) 1:1/19:1	Weight (kg)	Nominal Height (mm)
CH90/1000900	900	32	10.12	158
CH90/1001050	1050	32	11.80	158
CH90/1001200	1200	32	13.49	158
CH90/1001350	1350	32	15.17	158
CH90/1001500	1500	32	16.86	158
CH90/1001650	1650	32	18.55	158
CH90/1001800	1800	32	20.23	158
CH90/1001950	1950	48	27.40	158
CH90/1002100	2100	48	29.51	158
CH90/1002250	2250	45	31.61	158
CH90/1002400	2400	45	33.72	158



All ratios are shown inner to outer

- 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 150mm increments up to 2400mm.
- 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.

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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