

# Heavy Duty Steel Lintel

## TH90/125

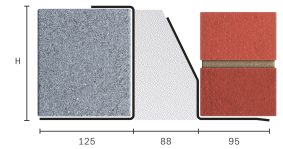
Steel lintel with unique thermal break for use in cavity wall construction, designed to support typical masonry, timber floor and roof loads found in most buildings and suitable for fairfaced inner leaf masonry. The easy to use open back profile allows masonry to be built up continuously on both outer and inner leaf, available in standard, heavy, and extra heavy duty from 90-205mm cavities. Fully insulated, with complete thermal break, integral plaster key and Catnic's signature black powder coating.



<b>Wall Construction</b>	CAVITY WALL
<b>Inner Leaf</b>	125-140
<b>Outer Leaf</b>	100-102
<b>Cavity</b>	90-105
<b>Loading Conditions</b>	HEAVY DUTY

## Specification

Product Code	Standard Length (mm)	SWL (kN) 1:1/19:1	Weight (kg)	Nominal Height (mm)
TH90/1250750	750	32	10.54	154
TH90/1250900	900	32	12.65	154
TH90/1251050	1050	32	14.75	154
TH90/1251200	1200	32	16.86	154
TH90/1251350	1350	32	18.97	154
TH90/1251500	1500	32	21.08	154
TH90/1251650	1650	32	23.18	154
TH90/1251800	1800	32	25.29	154
TH90/1251950	1950	48	33.62	229
TH90/1252100	2100	48	36.20	229
TH90/1252250	2250	45	38.79	229
TH90/1252400	2400	45	41.38	229



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.
- Separate DPC tray required
- When using the Catnic TH and TX 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.
- Achieving a remarkably low Psi value ensures this Catnic lintel will always meet the performance criteria requirements of Appendix Q found in SAP 2012 providing easy compliance with Part L of the Building Regulations

## Benefits

- Psi values of 0.02 to 0.05 W/mK
- Duplex Corrosion Protection
- Integral Plaster Key
- Integral Insulation

- Made in the UK for a lower carbon footprint and certified to BES 6001 Responsible Sourcing standard.
- Made using lower carbon manufacturing
- Designed to maximise energy saving at home
- 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.

### Catnic

Pontypandy Industrial Estate Caerphilly CF83 3GL  
United Kingdom  
+44 (0)29 2033 7900

[catnic.technical@tatasteelurope.com](mailto:catnic.technical@tatasteelurope.com)

[catnic.com](http://catnic.com)

### Tata Steel UK Limited

18 Grosvenor Place, London, SW1X 7HS  
Registered in England No. 02280000

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