

# Extra Heavy Duty Steel Lintel

## TX130/100

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.

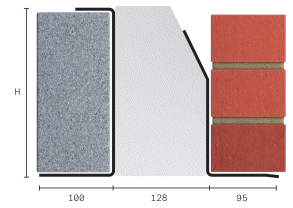


<b>Wall Construction</b>	CAVITY WALL
<b>Inner Leaf</b>	100-115
<b>Outer Leaf</b>	100-102
<b>Cavity</b>	130-145
<b>Loading Conditions</b>	EXTRA HEAVY DUTY

## Specification

Product Code	Standard Length (mm)	SWL (kN) 1:1/19:1	Weight (kg)	Nominal Height (mm)
TX130/1000750	750	60	12.74	229
TX130/1000900	900	60	15.29	229
TX130/1001050	1050	60	17.84	229
TX130/1001200	1200	60	20.39	229
TX130/1001350	1350	60	22.94	229
TX130/1001500	1500	60	25.49	229
TX130/1001650	1650	60	28.03	229
TX130/1001800	1800	60	30.58	229
TX130/1001950	1950	60	33.13	229
TX130/1002100	2100	60	35.68	229
TX130/1002250	2250	60	49.19	229
TX130/1002400	2400	60	52.46	229
TX130/1002550	2550	60	55.74	229
TX130/1002700	2700	60	59.02	229
TX130/1002850	2850	55	62.30	229
TX130/1003000	3000	55	65.58	229
TX130/1003300	3300	50	72.14	229
TX130/1003600	3600	50	78.70	229
TX130/1003900	3900	50	85.25	229
TX130/1004200	4200	32	91.81	229
TX130/1004575	4575	32	100.01	229
TX130/1004800	4800	32	104.93	229

- 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 (including 4575 but excluding 4500mm).
- 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



All ratios are shown inner to outer

## 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

Pontypany Industrial Estate Caerphilly CF83 3GL

United Kingdom

+44 (0)29 2033 7900

[catnic.technical@tatasteeeurope.com](mailto:catnic.technical@tatasteeeurope.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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