

Galintel® Cavi-T-Bar™

Steel Lintel for Cavity Walls



GALINTEL® CAVI-T-BAR™ LINTEL

The Galintel® Cavi-T-Bar™ lintel is the ideal solution for cavity walls, either double brick, or brick veneer with timber trusses.

Specially designed as an economical substitute for built-up steel sections, Cavi-T-Bar™ can eliminate the need for costly custom engineered solutions which have to be fabricated and galvanised.

Available off-the-shelf Cavi-T-Bar features a unique bulb incorporated into the offset vertical section providing enhanced strength while helping to keep the weight down.

Cavi-T-Bar is hot-dip galvanised and can be installed into 270mm walls with a 50mm cavity.

As with all quality Galintel® products, the Cavi-T-Bar™ lintel is provided with a full product warranty and safe load tables.

The Galintel® brand is your guarantee of quality, performance and code compliance. For technical details contact our team via phone on **1800 LINTEL (546 835)** or email galintel@nepean.com

The quick, economical solution for cavity walls

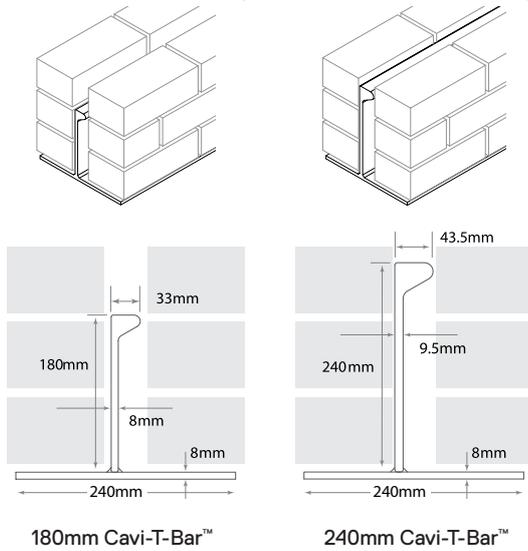
- > Convenient, economical substitute for built-up steel sections such as parallel flange channel and plate
- > Up to 20% lighter than built-up steel sections
- > Unique bulb incorporated into the offset vertical section
- > Hot-dip galvanised in accordance with AS/NZS 4680:2006
- > R3 Durability Rating classification of AS 2699.3:2020
- > Labelled and barcoded
- > 25 year performance warranty



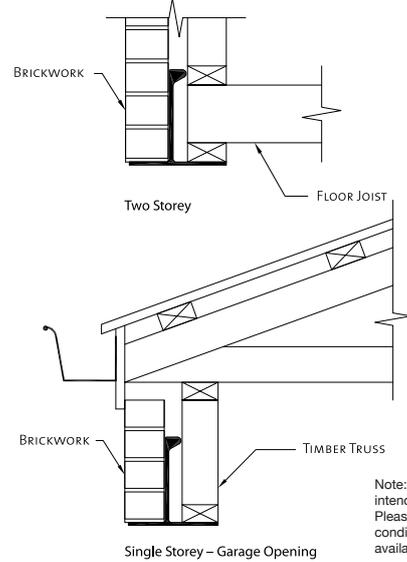
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Cavi-T-Bar™ Applications

Cavity Brick Applications



Brick Veneer Applications



Note: Examples shown are intended as a guide only. Please check actual site conditions and refer back to available plans and drawings.

Galintel® Cavi-T-Bar™ Safe Load Tables

Vertical Leg 180 x 8 Platform Leg 240 x 8 Mass 31kg/m (Hot Dip Galvanized Finish)

Span (mm)	2400	2700	3000	3300	3600	3900
Bar Length (mm)	2700	3000	3300	3600	3900	4200
UDL (kg/m)	2800	2200	1760	1385	1080	840
Point Load (kg)	3570	3130	2770	2480	2230	2010

Vertical Leg 240 x 9.5 Platform Leg 240 x 8 Mass 41kg/m (Hot Dip Galvanized Finish)

Span (mm)	2400	2700	3000	3300	3600	3900	4200	4500	4800	5100	5400	5700	6000
Bar Length (mm)	2700	3000	3300	3600	3900	4200	4500	4800	5100	5400	5700	6000	6300
UDL (kg/m)	5680	4590	3520	2850	2340	1950	1675	1400	1150	990	820	715	615
Point Load (kg)	7250	6310	5550	4920	4400	4005	3650	3300	2975	2720	2475	2300	2130

Loads limited by deflection of 1/500 span.

Notes on Safe Load Tables for Cavi-T-Bars™

These load tables assume:

- > The web of the Cavi-T-Bar™ is vertical.
- > The Cavi-T-Bar™ is simply supported at both ends.
- > The Cavi-T-Bar™ is loaded such that the load acts vertically and equally on both sides of the web.
- > The Cavi-T-Bar™ is considered as being laterally unrestrained for the full span length.
- > UDL loads are constant along the length of the bar.
- > Point loads act at mid-span.
- > 150mm minimum bearing support on to brickwork.
- > Hot-dip galvanising to AS/NZS4680:2006.
- > Loads are in accordance with AS/NZS1170.1:2002.

Information contained in this brochure is supplied in good faith and with a view to help the user in the correct installation of this product. While every care is taken to ensure the information is correct, no warranty is made nor is any condition expressed or implied. The information contained herein does not constitute an offer nor do we guarantee its accuracy or completeness and assume no responsibility for errors or omissions or for any consequences of reliance on this publication. © NEPEAN, December 2015 (Updated November 2022)

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For more information visit us online at galintel.com.au or call 1800 LINTEL