



SMART MAXI-T BAR™

MAXIMIZED STRENGTH AND VALUE

DO YOU NEED AN 'OFF THE SHELF' STRUCTURAL T-BAR SOLUTION? THE SMART MAXI T-BARS™ ARE YOUR SOLUTION!

What are smart maxi t-bars™?

A Maxi T-bar is a play on a traditional T-bar, the bar supports 230 double brick and 270 double brick cavity walls.

However, where it differs is in strength capacity. The strength capacity of a maxi T-bar is far greater than your traditional standard T-bars.

Why use a smart maxi t-bar™?

The increased strength means that the performance of these T-bars is similar in strength to a built up PFC + plate assembly, with the added bonus that a higher quality brickwork finish is achieved as the PFC flange is not exposed. The Maxi T-bar is readily available off-the-shelf pre-galvanized for next day delivery!

Features:

- Increased strength capacity compared to traditional T-bars
- Cost effective compared to built up assemblies & competing products
- Available in a variety of cost-effective lengths
- Designed & engineered in australia
- Fully compliant: complies with as4100-1998 (steel structures)
- R3 rating: complies with as4680:2006 (hot dip gal)
- Engineering: complies with as1170.1.2002 (loads)
- Australian provisional patent application number 2019900242
- Better aesthetic appearance for finished brickwork than PFC + plate assemblies
- Full product warranty

› SIZE & APPLICATION

APPLICATION	230 DOUBLE BRICK MASONRY WALLS	270 DOUBLE BRICK CAVITY WALLS
PRODUCT DESCRIPTION	210 BASE SMART MAXI T-BAR™ FOR 230 DOUBLE BRICK WALLS	250 BASE SMART MAXI T-BAR™ FOR 270 DOUBLE BRICK CAVITY WALLS
DIMENSIONAL PROPERTIES	Vertical leg 260 x 10 flat + 40x40 billet, Platform Leg 210x8	Vertical Leg 200 x 8 flat + 40x40 billet, Platform Leg 250x8
AVAILABLE LENGTHS	3300, 5400, 9000mm	2700, 3000, 3300, 3600, 3900, 4200, 4500, 4800, 5100, 5400, 5700, 6000, 6300, 9000mm
PRODUCT DRAWING		

› LOAD TABLE: 210 WIDE SMART MAXI T-BAR™ (for double-brick masonry walls)

	2400	2700	3000	3300	3600	3900	4200	4500	4800	5100	5400	5700	6000
UDL (kg/m)	10894	8187	6315	4976	3990	3249	2680	2236	1884	1602	1374	1186	1031
Point Load (kg)	13073	11054	9474	8211	7184	6336	5629	5032	4524	4087	3710	3381	3094

› LOAD TABLE: 250 WIDE SMART MAXI T-BAR™ (for double-brick cavity walls)

	2400	2700	3000	3300	3600	3900	4200	4500	4800	5100	5400	5700	6000
UDL (kg/m)	9272	7091	5561	4372	3368	2649	2120	1724	1420	1184	997	848	727
Point Load (kg)	11127	9573	8342	7345	6523	5836	5255	4757	4263	3776	3368	3023	2728

Assumptions: 1: Loads in **Bold** are limited by deflection. 2: Smart Maxi T-Bar™ is assumed to be simply supported. 3: 50mm minimum bearing length over supports. 4: Smart Maxi T-Bar™ is to be loaded equally on both sides. 5: Self-weight of Smart Maxi T-Bar™ has been accounted for in this table. 6: Loads are not factored. All Loads applied to the Smart Maxi T-Bar™ are to be considered. 7: Smart Maxi T-Bar™ is Hot-dip galvanised to AS/NZS4680 with an R3 rating to AS2699.3. Appropriate level of corrosion protection to be assessed in accordance with NCC requirements

FOR MORE INFORMATION PLEASE CONTACT OUR OFFICE OR VISIT OUR WEBSITE

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