

# PT Brace - Lateral Bracing Load Tables (U.L.S)

## POWERTRUSS® BRACE

### Lateral Bracing

CODE	NOMINAL WALL HEIGHT	BRACE WIDTH							
		250mm	300mm	350mm	400mm	450mm	500mm	550mm	600mm
PTB	2400mm	5.7kN	6.8kN	8.0kN	9.1kN	10.3kN	11.4kN	12.6kN	13.7kN
PTB	2550mm	5.3kN	6.4kN	7.5kN	8.6kN	9.7kN	10.7kN	11.8kN	12.8kN
PTB	2700mm	4.7kN	6.1kN	7.1kN	8.1kN	9.1kN	10.1kN	11.1kN	12.2kN
PTB	3000mm	4.1kN	5.5kN	6.4kN	7.3kN	8.2kN	9.1kN	10.0kN	10.9kN
PTB	3300mm	3.3kN	4.8kN	5.7kN	6.6kN	7.4kN	8.2kN	9.0kN	9.8kN
PTB	3600mm	-	-	-	5.7kN	6.5kN	7.5kN	8.3kN	9.0kN

**CHEMICAL ANCHOR DESIGN PARAMETER :** Ramset REO 502 - 16mm 8.8 Grade - 50mm Edge Distance - 160mm Embedment  
Installation instructions supplied with purchase & also available at [www.powertruss.com.au](http://www.powertruss.com.au)

All loads shown are per brace & for Ultimate Limit State Design Loads when installed in accordance with certified installation method. Serviceability Limit State Design Loads limited to AS1170.0 deflection limits.

Resists wind forces to C4 (W70C) cyclonic, & complies with the Building Code of Australia  
& relevant Australian Standards Codes.



#### QLD (Head Office)

Powertruss Wall Bracing System Pty Ltd  
PO Box 1488 Capalaba QLD 4157  
Phone: (07) 3245 4930  
Fax: (07) 3245 4838  
Email: [neil@powertruss.com.au](mailto:neil@powertruss.com.au)  
[www.powertruss.com.au](http://www.powertruss.com.au)

#### VIC Office

Powertruss Wall Bracing System Pty Ltd  
16 Gaine Rd, Dandenong South VIC 3164  
Phone: (03) 9799 9122  
Fax: (03) 9799 9800  
Email: [alex@powertruss.com.au](mailto:alex@powertruss.com.au)  
[www.powertruss.com.au](http://www.powertruss.com.au)

#### NSW Office

Powertruss Wall Bracing System Pty Ltd  
3 Noongah Road  
Nelsons Plains NSW 2324  
Phone: 0410 783 191  
Email: [chris@powertruss.com.au](mailto:chris@powertruss.com.au)  
[www.powertruss.com.au](http://www.powertruss.com.au)

#### S.A. & W.A.

Phone: 1800 764 407  
Email: [info@powertruss.com.au](mailto:info@powertruss.com.au)  
[www.powertruss.com.au](http://www.powertruss.com.au)