

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

POWERTRUSS® COLUMN

Lateral Bracing with co-existing roof and floor load bearing

CODE	NOMINAL WALL HEIGHT	COLUMN WIDTH							Load Bearing Capacity (Upper Floor & Roof) Across Width of Column		
		200mm	250mm	300mm	350mm	400mm	450mm	500mm		550mm	600mm
PTC	2400mm	4.0kN	5.0kN	6.0kN	7.0kN	8.1kN	9.1kN	10.1kN	11.1kN	12.1kN	170kN
PTC	2550mm	3.8kN	4.7kN	5.7kN	6.6kN	7.6kN	8.5kN	9.5kN	10.4kN	11.4kN	170kN
PTC	2700mm	3.6kN	4.5kN	5.4kN	6.3kN	7.1kN	8.0kN	8.9kN	9.8kN	10.7kN	170kN
PTC	3000mm	3.2kN	4.0kN	4.8kN	5.6kN	6.4kN	7.2kN	8.0kN	8.8kN	9.6kN	170kN
PTC	3300mm	2.9kN	3.6kN	4.3kN	5.1kN	5.8kN	6.5kN	7.2kN	8.0kN	8.7kN	140kN
PTC	3600mm	2.7kN	3.3kN	4.0kN	4.6kN	5.3kN	6.0kN	6.6kN	7.3kN	8.0kN	120kN
PTC	3900mm	-	-	-	4.3kN	4.9kN	5.5kN	6.1kN	6.7kN	7.3kN	110kN
PTC	4200mm	-	-	-	4.0kN	4.5kN	5.1kN	5.7kN	6.2kN	6.8kN	90kN

CHEMICAL ANCHOR DESIGN PARAMETER : Ramset REO 502 PLUS - 20mm 8.8 Grade - 60mm Edge Distance - 240mm Embedment
Installation instructions supplied with purchase & also available at www.powertruss.com.au

All loads are Ultimate Limit State Design Loads for uncracked concrete when installed in accordance with certified installation method.
Serviceability Limit State Design Loads limited to AS1170.0 deflection.

Vertical Load Capacities are suitable for all PT Column widths. Loading to be applied directly over PT Column legs.
Resists wind forces to C4 (W70C) cyclonic, & complies with the Building Code of Australia & relevant Australian Standards Codes.



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