

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
		250mm	300mm	350mm	400mm	450mm	500mm	550mm	600mm	
PTC	2400mm	5.4kN	6.5kN	7.6kN	8.6kN	9.7kN	10.8kN	11.9kN	13.0kN	150kN
PTC	2550mm	5.1kN	6.1kN	7.1kN	8.1kN	9.1kN	10.2kN	11.2kN	12.2kN	150kN
PTC	2700mm	4.8kN	5.8kN	6.7kN	7.7kN	8.6kN	9.6kN	10.5kN	11.5kN	150kN
PTC	3000mm	4.3kN	5.2kN	6.0kN	6.9kN	7.8kN	8.6kN	9.5kN	10.3kN	120kN
PTC	3300mm	3.9kN	4.7kN	5.4kN	6.2kN	7.0kN	7.8kN	8.5kN	9.3kN	90kN
PTC	3600mm	3.6kN	4.3kN	5.0kN	5.7kN	6.4kN	7.1kN	7.8kN	8.5kN	90kN
PTC	3900mm	-	-	-	5.2kN	5.9kN	6.6kN	7.2kN	7.9kN	70kN
PTC	4200mm	-	-	-	4.9kN	5.5kN	6.1kN	6.7kN	7.3kN	70kN

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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