

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	5.7kN	6.8kN	8.0kN	9.1kN	10.3kN	11.4kN	12.6kN	13.7kN	90kN
PTC	2550mm	5.3kN	6.4kN	7.5kN	8.6kN	9.7kN	10.7kN	11.8kN	12.8kN	90kN
PTC	2700mm	4.7kN	6.1kN	7.1kN	8.1kN	9.1kN	10.1kN	11.1kN	12.2kN	90kN
PTC	3000mm	4.1kN	5.5kN	6.4kN	7.3kN	8.2kN	9.1kN	10.0kN	10.9kN	90kN
PTC	3300mm	3.3kN	4.8kN	5.7kN	6.6kN	7.4kN	8.2kN	9.0kN	9.8kN	90kN
PTC	3600mm	-	-	-	5.7kN	6.5kN	7.5kN	8.3kN	9.0kN	90kN

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

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.
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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