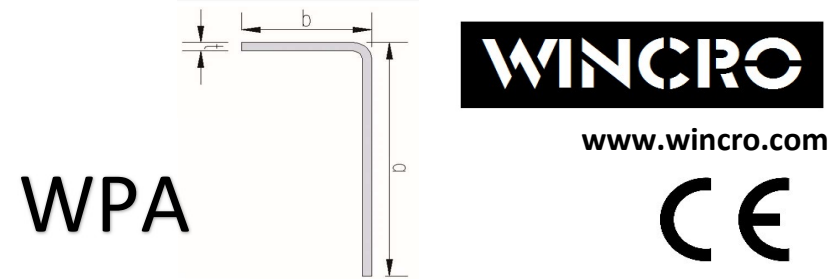


Load Tables

The following table details maximum design loads to BS EN 1993 (Eurocode 3) for our comprehensive range of Wincro WPA Windposts (cold formed angle).

Wincro Windposts are designed as 'simply supported beams' with a maximum deflection of span/360. The design resistances shown should be compared to factored loads.



Performance to Eurocode 3 (EC3)

WPA Windposts

Our Technical Design Team is available to provide further information and bespoke designs for particular Windpost requirements.

Product Ref	Size mm a x b x t			Design Resistance (kN) per post (uniformly distributed) for various windpost heights									
				2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m		
WP4A12570	125	x	70	x	4	9.37	7.55	5.71	4.42	3.51	2.85	2.36	1.98
WP5A13070	130	x	70	x	5	13.86	11.17	8.43	6.53	5.18	4.21	3.48	2.93
WP6A13070	130	x	70	x	6	17.88	13.95	10.48	8.10	6.43	5.22	4.32	3.63
WP4A14070	140	x	70	x	4	10.89	8.70	7.13	5.90	4.70	3.83	3.17	2.67
WP5A14070	140	x	70	x	5	15.53	12.46	10.24	7.96	6.33	5.15	4.26	3.59
WP6A14070	140	x	70	x	6	19.33*	16.15	12.71	9.87	7.85	6.38	5.28	4.44
WP5A15070	150	x	70	x	5	17.23	13.76	11.28	9.43	7.63	6.21	5.15	4.33
WP6A15070	150	x	70	x	6	18.13	14.43	11.79	9.81	7.99	6.50	5.38	4.53
WP8A15080	150	x	80	x	8	19.33*	23.20*	20.64	16.11	12.84	10.45	8.66	7.29
WP5A16070	160	x	70	x	5	18.95	15.06	12.29	10.22	8.63	7.37	6.13	5.16
WP6A16070	160	x	70	x	6	19.33*	19.60	16.10	13.49	11.20	9.14	7.58	6.38
WP8A16080	160	x	80	x	8	19.33*	23.20*	24.30	19.07	15.26	12.44	10.32	8.69
WP4A17070	170	x	70	x	4	14.54	11.41	9.20	7.55	6.30	5.33	4.56	3.94
WP5A17070	170	x	70	x	5	19.33*	16.39	13.31	11.02	9.26	7.88	6.77	5.88
WP6A17070	170	x	70	x	6	19.33*	17.06	13.80	11.38	9.53	8.08	6.93	6.00
WP8A17080	170	x	80	x	8	19.33*	23.20*	26.66	22.29	17.91	14.63	12.15	10.24
WP4A18070	180	x	70	x	4	15.81	12.34	9.89	8.09	6.72	5.67	4.83	4.17
WP5A18070	180	x	70	x	5	19.33*	17.68	14.29	11.77	9.84	8.34	7.15	6.19
WP6A18070	180	x	70	x	6	19.33*	23.07	18.79	15.61	13.15	11.22	9.67	8.41
WP8A18080	180	x	80	x	8	19.33*	23.20*	25.44	21.70	17.78	14.57	12.12	10.22
WP6A20070	200	x	70	x	6	19.33*	23.20*	21.41	17.62	14.74	12.48	10.69	9.25

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Note. Figures noted by * and in **bold** indicate post capacity limited by tie capacity based on spacing at 225mm vertical centres.

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