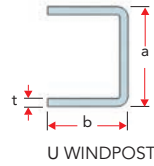
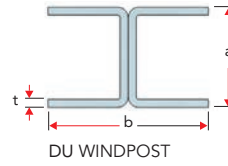


WINDPOST LOADING FIGURES

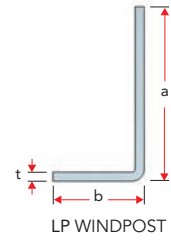
Windposts can be made to order at various sizes on a project basis. Posts taken as a simple support/cantilever beam. SWLs quoted are assuming adequate base and top fixing to concrete.



U WINDPOST



DU WINDPOST



LP WINDPOST

Dimensions and Performance of U, DU and LP Windposts

	Code	Size (mm) a x b x t	Maximum unfactored wind load for height of windpost UDL (kN)							
			2500mm	3000mm	3500mm	4000mm	4500mm	5000mm	5500mm	6000mm
U WINDPOSTS 	U1	60 x 60 x 4	3.0	2.1	-	-	-	-	-	-
	U2	60 x 60 x 5	3.5	2.5	1.8	-	-	-	-	-
	U3	60 x 60 x 6	5.5	3.8	2.8	2.2	-	-	-	-
	U4	75 x 60 x 4	4.9	3.4	2.5	1.9	-	-	-	-
	U5	75 x 60 x 5	5.9	4.1	3.0	2.3	1.8	-	-	-
	U6	75 x 60 x 6	6.9	4.8	3.5	2.7	2.1	-	-	-
	U7	115 x 60 x 4	13.2	9.2	6.7	5.2	4.1	3.3	-	-
	U8	115 x 60 x 5	16.1	11.2	8.2	6.3	5.0	4.0	3.3	-
	U9	115 x 60 x 6	18.8	13.0	9.6	7.3	5.8	4.7	3.9	3.3
LP WINDPOSTS 	LP1	125 x 70 x 4	9.0	6.2	4.6	3.5	-	-	-	-
	LP2	125 x 70 x 5	11.0	7.7	5.7	4.3	3.4	-	-	-
	LP3	125 x 70 x 6	13.1	9.1	6.7	5.1	4.1	3.3	-	-
	LP4	150 x 70 x 4	12.5	10.2	7.5	5.7	4.5	3.7	3.0	-
	LP5	150 x 70 x 5	15.5	12.6	9.3	7.1	5.6	4.5	3.8	3.2
	LP6	150 x 70 x 6	18.5	15.0	11.0	8.4	6.7	5.4	4.5	3.7
	LP7	170 x 70 x 4	15.8	13.1	10.5	8.1	6.4	5.2	4.3	3.6
	LP8	170 x 70 x 5	19.0	16.3	13.0	10.0	7.9	6.4	5.3	4.4
	LP9	170 x 70 x 6	19.0	19.0	15.5	11.8	9.4	7.6	6.3	5.3
	LP10	200 x 70 x 4	19.0	17.8	16.3	12.5	9.9	8.0	6.6	5.6
	LP11	200 x 70 x 5	19.0	19.0	18.9	15.5	12.2	9.9	8.2	6.9
	LP12	200 x 70 x 6	19.0	19.0	19.0	18.4	14.5	11.8	9.7	8.2
DU WINDPOSTS 	DU3	60 x 60 x 6 (2)	11.0	7.7	5.6	4.3	3.4	2.8	-	-
	DU6	70 x 60 x 6 (2)	13.7	9.5	7.0	5.4	4.2	3.4	2.8	-
	DU9	115 x 60 x 6 (2)	27.0	26.1	19.2	14.7	11.6	9.4	7.8	6.5

Spandrel & Parapet Windpost Loading Tables

	Code	Size (mm) a x b x t	Maximum unfactored wind load for height of windpost UDL (kN)						
			800mm	1000mm	1200mm	1400mm	1600mm	1800mm	2000mm
U SPANDREL & PARAPET WINDPOSTS 	U1	60 x 60 x 4	6.0	3.9	2.7	2.0	1.5	-	-
	U2	60 x 60 x 5	7.2	4.6	3.2	2.4	1.8	-	-
	U3	60 x 60 x 6	8.8	7.0	5.0	3.7	2.8	-	-
	U4	75 x 60 x 4	8.5	6.4	4.5	3.3	2.5	-	-
	U5	75 x 60 x 5	9.3	7.5	5.4	3.9	3.0	-	-
	U6	75 x 60 x 6	9.3	7.5	6.2	4.6	3.5	-	-
	U7	115 x 60 x 4	9.3	7.5	6.2	5.3	4.6	-	-
	U8	115 x 60 x 5	9.3	7.5	6.2	5.3	4.6	-	-
	U9	115 x 60 x 6	9.3	7.5	6.2	5.3	4.6	-	-
LP SPANDREL & PARAPET WINDPOSTS 	LP1	125 x 70 x 4	7.0	5.6	4.6	4.0	3.5	3.1	2.8
	LP2	125 x 70 x 5	8.0	6.9	5.8	4.9	4.3	3.8	3.5
	LP3	125 x 70 x 6	8.0	8.0	6.8	5.9	5.1	4.6	4.1
	LP4	150 x 70 x 4	8.0	7.8	6.5	5.6	4.9	4.3	3.9
	LP5	150 x 70 x 5	8.0	8.0	8.0	8.0	6.1	5.4	4.9
	LP6	150 x 70 x 6	8.0	8.0	8.0	8.0	7.2	6.4	5.8
	LP7	170 x 70 x 4	8.0	8.0	8.0	7.0	6.2	5.5	4.9
	LP8	170 x 70 x 5	8.0	8.0	8.0	8.0	7.7	6.8	6.1
	LP9	170 x 70 x 6	8.0	8.0	8.0	8.0	8.0	8.0	7.3
	LP10	200 x 70 x 4	8.0	8.0	8.0	8.0	8.0	7.4	6.7
	LP11	200 x 70 x 5	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	LP12	200 x 70 x 6	8.0	8.0	8.0	8.0	8.0	8.0	8.0