



MAXIMUM WIND LOADING

HEIGHT OF COLUMN		10	12	14	16
Region 1 (22 m/s)	Topographic scale III-b	4,20	5,72	9,21	7,25
	Topographic scale II	2,43	3,18	4,81	3,23
	Topographic scale 0	1,84	2,40	3,68	2,26
Region 2 (24m/s)	Topographic scale III-b	3,20	4,52	7,26	5,49
	Topographic scale II	1,90	2,45	3,71	2,28
	Topographic scale 0	1,38	1,78	2,73	1,43
Region 3 (26 m/s)	Topographic scale III-b	2,57	3,61	5,82	4,20
	Topographic scale II	1,48	1,88	2,83	1,52
	Topographic scale 0	1,03	1,29	1,98	0,78
Region 4 (28 m/s)	Topographic scale III-b	2,05	2,87	4,66	3,16
	Topographic scale II	1,14	1,41	2,13	0,91
	Topographic scale 0	0,74	0,89	1,37	0,25

REF	REF	A	B	C	D	E	G	H	I	J	K	L				
Column on base plate	Column with buried base	M	mm	mm	mm	mm	mm	m	m	mm	mm	mm	kg	daN	daN x m	m <sup>2</sup>
PCE 0310	PCE 1310	10	300	180	150	510 x 85	318	1	1,5	500 x 500	400 x 400	24 x 600	320	912	5300	0,74
PCE 0312	PCE 1312	12	350	180	150	510 x 85	372	1,2	1,7	550 x 550	450 x 450	24 x 600	511	1112	8000	0,89
PCE 0314	PCE 1314	14	430	250	200	510 x 85	456	1,5	1,9	600 x 600	500 x 500	30 x 1090	790	1714	16000	1,37
PCE 0316	PCE 1316	16	430	250	200	510 x 85	456	1,5	2,1	600 x 600	500 x 500	30 x 1090	950	1714	16000	0,25

\* Calculated for extreme situation  
 \*\* Must be based on a study of site prior to installation.

**DESCRIPTION** : Conical shaft with square cross section in glued laminated timber (GLULAM and FSC certified) designed according to the Aubrilam HTE-E process in conformity with EN335, EN386 and EN350, finished with three coats of woodstain. Base in galvanised steel, finished in powder coated polyester. Design and dimensions in compliance with EN40-2 and EN40-3.