

'Air Absorb' Declaration of Performance continued...

Table 1: Schedule of Posts & Capacities in accordance with:

Designed in Accordance with:

- Design: BS EN 1990: Basis of structural design
- Dead Loads: BS EN 1991-1-1 & NA: Actions on Structures: Densities, self weight & imposed Loads
- Accoustic Barriers: BS EN 1794-1: Road Traffic noise reducing devices – Non-acoustic performance

Height (m)	Post Size	Design Strength (kN/m ULS)	Working Strength (kN/m ULS)	Wind Loads (kN/m ²)	Snow Loads (kN/m SLS)
1.5	127x76 UB 13	23.16	15.44	4.3	13
2.0	152x89 UB 16	33.83	22.55	3.6	16
2.5	178x102 UB 19	47.03	31.35	3.2	21
2.5	152x152 UC 23	50.05	33.37	3.4	22
3.0	203x102 UB 23	64.35	42.90	3.1	29
3.5	203x133 UB 25	70.95	47.30	2.5	
3.5	152x152 UC 37	84.98	56.65	2.4	
4.0	152x152 UC 30	68.20	45.47	1.4	25
4.5	203x133 UB 30	83.88	55.92	1.3	
5.0	254x102 UB 28	97.08	64.72	1.2	
5.5	254x146 UB 37	132.83	88.55	1.2	

**Based on 3.0m Post centres*

