

Technical spec for wind speed and fixing etc



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SignLoad Professional [BS EN 12899-1:2007] 3.30

Design undertaken by: Signway Supplies

Project: Hayling Golf Club

Sign reference: 'Welcome to'

Date: 04-01-2017

Sign width:	3050 mm
Sign height:	1525 mm
Sign area:	4.65 m ²
Mounting height (to lower edge):	1500 mm
Fundamental wind velocity:	21.75 m/s
Altitude:	132 m
Distance from shoreline:	2.0 km
Basic wind pressure:	590 N/m ² (EN1991-1-4: 25-year wind speed)
BS EN 12899-1:2007 classes:	PL3, TDB4, PAF1

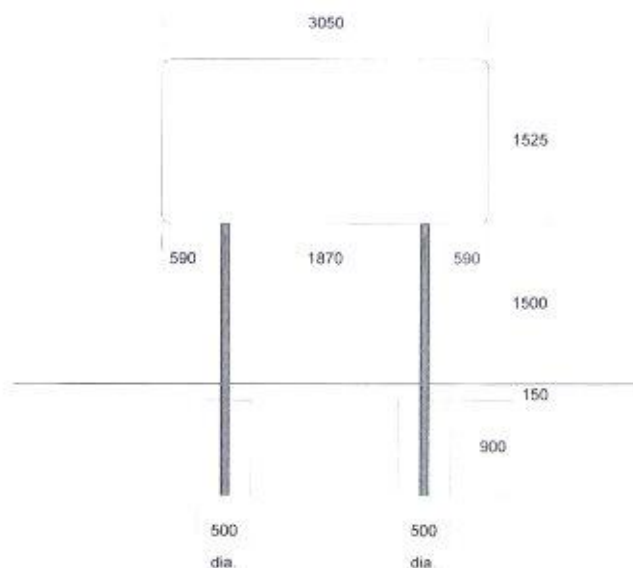
Aerodynamic force coefficient: 1.32

For the above sign, a satisfactory structure is:

Number of supports:	2
Support type:	Steel circular section S355
Support section:	88.9mm O.D. 4mm thick
Support length:	4075 mm

Planted foundations to BD 94/07:

Soil type:	poor or unknown
Depth of soft fill above footing:	150 mm
Height of footing:	900 mm (excluding cover)
Diameter of each footing:	500 mm



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