



# Southern Testing

Environmental & Geotechnical

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## Southern Testing Laboratories Limited

### Test Certificate

A series of horizontal pull tests were carried out on 150mm diameter concrete foundation "piles" forming part of a proprietary Memorial Stone foundation support system developed by *Stone-Safe*. The "piles" were installed in various soil types by *Stone-Safe* to a depth of approximately 460mm with a 20mm stainless steel threaded bar installed centrally in each of the "piles".

The "piles" were subjected to pull tests, which were carried out by applying a horizontal load to a simulated memorial rig. The horizontal load was applied in increments at a height of 2' 6" above ground level using calibrated weights placed on a hanger system. The maximum applied load was 150kg. The resulting deflection at the point of "horizontal pull" was measured using a dial gauge (0.01mm/division) connected to a horizontal datum bar.

The full test conditions, methodology and load/deflections of the foundation piles along with a discussion of the results for the various soil conditions considered are given within our report reference J9676 dated 26<sup>th</sup> August 2008, which is available on request.

Signed

D Vooght MSc

15<sup>th</sup> December 2010

For and Behalf of Southern Testing Laboratories Limited



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