

DEPARTMENT OF PUBLIC WORKS

NO. 192

22 FEBRUARY 2019

AGRÉMENT SOUTH AFRICA
(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 14 December 2018, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE
Agrément Certificate 2017/560**Subject:** Surefoot Pile Foundation System**Certificate holder:** Surefoot Africa (Pty) Ltd

Description: Surefoot Pile Foundation System uses a combination of skin friction and end bearing to achieve the required load capacity. The system is based on principles and formulations typically used in the design of conventional piled foundation systems. The design, construction and classification of eligible sites are always the responsibility of competent persons and in accordance with the requirement of **SANS 10161** and **SANS 10400-H**.

The system consists of a steel base plate (acting as micro pile group cap) of thickness ranging from 4 mm to 10 mm and steel piles (circular hollow sections) of overall diameter of 42.4 mm, and thickness ranging from 2.6 mm to 4.0 mm. The Surefoot base plate are cold-formed and are available in various sizes; SF50, SF150, SF200, SF300, SF400, SF500 and SF600. The steel must always be hot-dip galvanised to conform to the requirement of **SANS 121/ISO 1461**. The piles are driven through guiding sleeves located on the Surefoot base plate.

Surefoot Pile Foundation System can be adjusted depending on the type of the Surefoot base plate and design. For example, the 12 mm base plate can be adjusted 100 mm horizontally, 50 mm vertically.

The Agrément certificate contains detailed information on the product and can be accessed at <http://www.agrement.co.za>

Copies are obtainable from: Chief Executive Officer (CEO)
Agrément South Africa, P O Box 72381, LYNNWOOD RIDGE, 0040