

Office: **VALLADOLID**
Date: **09/06/2015**

This certificate is issued to:
SUREFOOT EUROPE, S.L.

To certify that the undersigned surveyor to this Society, did attend their works at C/ Turquesa, Parc. 18 P.I. San Cristobal, Valladolid for the purpose of witnessing the test of:

- Plate-pile load test according and evaluated to NLT-357/98 and Eurocode 7.
- Plate-pile pullout test according and evaluated to Art. 9.5 BS EN 1537:2013 and Eurocode 7.

Test was carried out by CESECO accredited laboratory by MINISTRY OF DEVELOPMENT, registered in the General Register of the Technical Building Code (CTE) Section 5-1: General Register of Laboratories for Quality Building with N° CYL-L-003.

During test environment conditions were as follows:

- Temperature 20 ° C.
- Dry and sunny atmosphere.

Reference documentation:

- **LOAD TEST & COMPARATIVE SOIL CAPACITY STUDY** N° 78/15 issued by CESECO date 14/04/2015.
- **PILE/PLATE PULL OUT TEST REPORT** N° ARQ. 08/15 issued by CESECO date 18/03/2015.
- **LOAD CAPACITY REPORT** issued by DGI ENGINEERING PROJECs date May 2015.

Testing Data Sheets Attached Yes / No

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The tests show below results:

IDENTIFICATION TEST	ON SITE RESULTS	REPORT CAPACITY OF SUREFOOT 3.2 CHARACTERISTIC VALUES
PLATE-PILE LOAD TEST SUREFOOT SF-100	LINEAR BEHAVIOR OF SETTLEMENTS TO: 11250 KG (112.5 KN)	92.4 KN
PLATE-PILE PULLOUT TEST SUREFOOT SF-200	PILE FAILURE POINT: 5625 Kg (56.25 KN)	40.2 KN

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28 July 2015
Madrid Office



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P . A

Jesus Rodriguez Herrera
Surveyor to Lloyd's Register España S.A.
A member of Lloyd's Register Group