

Hereby, Terapia Urbana S.L. situated in C / Factors Acc 12-14 4D, in Seville, Spain

## Declares

That the Fytotextile<sup>®</sup> modules composed of three layers of synthetic and flexible material assembled together with a total thickness of 20 mm and matrix by pockets, for modular system of semi-hydropic culture on vertical facades have the following technical characteristics

- FYT-RCF waterproofing back layer.
- FYT-DRA inner layer with high matrix potential and 2-4 l/m<sup>2</sup> of vertical water retention.
- FYT-AIR outer layer with resistance to the passage of air from 4 to 30 Pa, for optimal evapotranspiration of the root system.
- Maximum planting capacity of 49 units/m<sup>2</sup>, with natural plant for diameter pots of Ø11-13 cm.
- Maximum weight of the water saturated and planted module of 25.2 kg / m<sup>2</sup>, according to the test carried out by the laboratory of "Naturación Urbana" at the Higher Technical School of Agricultural Engineering (ETSIA) at the University of Seville.
- Maximum traction workload 530 kg/m<sup>2</sup>, according to the test carried out by the laboratory at the Higher Technical School of Architecture (ETSAS) at the University of Seville.
- Tear resistance of 7 Kg/pocket according to the test carried out by the AGR-268 research group belonging to the Agroforestry Engineering Area and the Department of Agroforestry Sciences, University of Seville.
- The Fytotextile modules have been subjected to accelerated aging tests by Applus<sup>®</sup> based on the standard UNE\_EN ISO 4892/2, and tested the results according to UNE\_EN ISO 13934\_1 method, obtaining a traction test in the outer material of more than 10 times of the maximum load request for the longest exposure (1000 hours) without protection (97 N / 50 mm).
- Fire performance B-s2-d0, according to an experimental test carried out by Applus+ according to the UNE-EN 13823: 2012 + A1: 2016 standard, and taking into account as a reference for classification the European standard UNE-EN 13501-1: 2007 + A1: 2010. The trial is accredited by ENAC (nº9 / LE895) member of ILAC.