

SIMPLIFIED REPORT

17/13914-491S

Bellaterra:

June 06th, 2023

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Petitioner's reference:

TERAPIA URBANA S.L.
C/ Factores 12-14, Local D
41015 SEVILLA
(Spain)

Date at which the material arrived: 10/03/2017 and 23/03/2017

Date at which test was performed: 15/03/2017 and 27/03/2017

MATERIAL RECEIVED

Product trade name: **FYTOTEXTILE®**

The product consists of the FYTOTEXTILE® multilayer modules and the sub-structure where they are fixed. The sub-structure is galvanized steel with a thickness of 1.5 mm, density 7.85 kg/m³, grey colour and creates an air chamber of 40-50 mm. A rail profile FYTVOL is installed on the metallic sub-structure in order to fix the modules, with a thickness of 1.2 mm, density 2.71 kg/m³, black colour and smooth appearance.

The modules have three layers:

- Layer 1: FYT-RCF waterproofing with a thickness of 0.5 - 1 mm, surface density of 620 g/m², black colour and smooth appearance.
- Layer 2: FYT-DRA of thickness 3 - 5 mm, surface density of 355 g/m², white colour and smooth appearance.
- Layer 3: FYT-AIR of thickness 6 - 8 mm, surface density 480 g/m², black colour and smooth appearance. This layer is shaped like pockets in which plants will be placed.

The product has been treated with the flame retardant product FLORIMP K VERDE®.

TEST REQUESTED

- UNE-EN ISO 11925-2:2011: "Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test". (EN ISO 11925-2:2010)
- UNE-EN 13823:2012+A1:2016: "Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item".

CLASSIFICATION

Test report: 17/13914-491 Part 1

Classification report: 17/13914-491 Part 2

REACTION TO FIRE CLASSIFICATION : CLASS B-s2,d0

This classification is only valid for the final conditions of use described in the present report.

Laboratory Manager
LGAI Technological Center S.A. (APPLUS)

Responsible of Euroclasses
LGAI Technological Center S.A. (APPLUS)

The results refer exclusively to the samples tested at the time and under the conditions indicated.

The uncertainties expressed in this document pertain to the expanded uncertainty, which has been obtained by multiplying the typical measurement uncertainty by the coverage factor k=2 which, for a regular distribution, corresponds to a coverage probability of approximately 95%.

Applus+ guarantees that this task has been carried out in compliance with the requirements of our Quality and Sustainability System, and furthermore, that the contractual terms and legal regulations have been complied with.

In the framework of our improvement programme, we would appreciate any comments you may deem appropriate. These should be addressed to the manager who signs this document, or to the Quality Director of Applus+, at the following address: satisfaccion.cliente@applus.com

In the event of litigation, the Spanish version will be valid

