



## Fire Safety Certification Fire Performance

LGAI Technological Center S.A. (APPLUS), according to the requirements of the SPC-117 certifies the Fire Performances following the Classification and Testing standard for:

### COMPANY

## Up Way Systems Lda.

Tv. José Oliveira Mendes n.º 87 e n.º 103  
Vila Nova Famalicão  
4760-912 Braga, Minho (Portugal)

### Manufactured

Confidential

### PRODUCT

## Effisus ProFlex FR

### CLASSIFICATION AND TESTING STANDARDS

**EN ISO 11925-2:2020:** "Reaction to fire tests - ignitability of products subjected to direct impingement of flame. Part 2: single-flame source test".

**EN 13823:2020+A1:2022:** "Reaction to fire tests for building products - building products excluding floorings exposed to the thermal attack by a single burning item".

**EN 13501-1:2018:** "Fire classification of construction products and building elements. Part 1: classification using data from reaction to fire tests."

### PRODUCT DETAILS AND TEST REPORT

Please check at the technical annex report n° 24-32301626-1 M1 & 24-32301626-2 M1

LGAI has performed the product initial tests and the initial assessment of the management system. Periodically, the entity does a follow-up assessment of the management system.

This document is not valid without its technical annex; whose number coincides with that of the certificate.

No. APF-2114

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Check the status  
of this certificate

Certificate

## Technical Annex

### Certified performances

Reaction to fire: B-s3,d0
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### Product description

The wall lining membrane is composed by 3 layers:

- Layer 1: A fire rated coating with a superficial density of 0,35 kg/m<sup>2</sup>, white colour, smooth appearance and with external orientability.
- Layer 2: A fire rated mesh, with a superficial density of 0,35 kg/m<sup>2</sup>, white colour, smooth appearance and with internal orientability.
- Layer 3: A fire rated coating with a superficial density of 0,35 kg/m<sup>2</sup>, white colour, smooth appearance and with external orientability.

Fixing system: The product was tested stacked on the calcium silicate substrate using the following Effisus accessories:

- Accessory 1: Effisus 2Bond DS (Fixing Tape), thickness of 1,54 mm, density of 1100 kg/m<sup>3</sup> and superficial density of 26,90 g/m<sup>2</sup> (value calculated in the laboratory) and grey colour.
- Accessory 2: Effisus Bonding KFP (Fixing Adhesive), density of 1000 kg/m<sup>3</sup> and black colour

### Product application

The classification is valid for the following final use applications:

- Substrate: Substrates of final use of the classes A1 and A2-s1,d0 with (870±50) kg/m<sup>3</sup> in density, (11±2) mm in thickness
- Fixing method: adhesive fixed
- Joints: Vertical
- Air gap: Non-ventilated