

# FIRE SAFETY CERTIFICATION

## FIRE PERFORMANCE

No. **APF-1473**

**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:

<b>Product</b>	Ventilated façade system: "FRONTEK PLUS VENTILATED FAÇADE SYSTEM"
<b>Company</b>	<b>GRUPO GRECO GRES INTERNACIONAL, S.L.</b> AVDA. CASTILLA - LA MANCHA, 1 45240 ALAMEDA DE LA SAGRA (TOLEDO) SPAIN
<b>Manufactured</b>	<b>VENATTO DESIGN S.L</b> AVDA. CASTILLA - LA MANCHA, 1 45240 ALAMEDA DE LA SAGRA (TOLEDO) SPAIN
<b>Classification and testing standards</b>	EN-ISO 1182:2010: "Fire reaction tests for construction products. Non-combustibility test". EN-ISO 1716:2010: "Fire-reaction Tests of construction materials. Determination of combustion heat." EN 13501-1:2018: "Fire classification of construction products and building elements. Part 1: Classification using data from reaction to fire tests".
<b>Product Details and Test Report</b>	Check at the technical annex report nº 17-14890-1532-1 M1 and nº 21/24650-905-2



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.

**Valid until 30<sup>th</sup> June 2024**

**Renovation** of the initial certificate issued on 25<sup>th</sup> June 2021

Bellaterra, 9<sup>th</sup> June 2023

 LGAI Technological Center, S.A. <b>Xavier Ruiz Peña</b> Product Conformity B. U., Managing Director	
You can check the validity of this certificate on our website: <a href="http://www.appluslaboratories.com/certified_products">www.appluslaboratories.com/certified_products</a>	

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



## APF-1473

### CERTIFIED PERFORMANCES

Reaction to fire classification: A1

#### Product characteristics:

- External cladding of extruded porcelain stoneware
- Ventilated air chamber in which the thermal isolation is placed.
- Thermal isolation:
  - Wool with 60 mm thick and weight of 1.14 kg/m<sup>2</sup>.
    - Glue with a consumption of 10 g/m<sup>2</sup>
    - Velum with 0.1 mm thick and weight of 0.16 kg/m<sup>2</sup>.
  - Cladding fixing: Elements (clips) used to secure the cladding plates to the subframe of stainless steel.
    - Fixing by mastic with an application cord of 15 x 0.3 x 0.3 and a weight of 10 g/m<sup>2</sup>.
  - Subframe:
    - Aluminium vertical profiles
    - Brackets: aluminium elements used as load transmission between the subframe and the substrate wall.
- Ancillary material: Self-drilling screws anchoring subframe elements
- Auxiliary components: Anchorage to substrate

#### Final use application:

- Kit for external Wall claddings