Fire Safety Certification Fire Performance

No. APF-1974

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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

CUBEX (UK) Ltd T/A Adexon Fire and Smoke Curtains

Prospect House, Huyton Church Road Huyton, Liverpool L36 5SH, United Kingdom

Manufactured

220707

PRODUCT

Adexon-FC1-EI180

CLASSIFICATION AND TESTING STANDARDS

EN 1634-1:2014 "Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware. Fire resistance test for door and shutter assemblies and openable windows. Part 1: fire resistance test for door and shutter assemblies and openable windows".

EN 13501-2:2016 "Fire classification of construction products and building elements. Part 2: Classification using data from fire resistance tests, excluding ventilation services".

PRODUCT DETAILS AND TEST REPORT

Check at the technical annex reportnº 18/17021-673 & 14/6284-3677

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.

Xavier Ruiz Peña
Managing Director
Conformity Assessment

LGAI Technological Center S.A. (APPLUS+)
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Check the status of this certificate

Certificate

LGAI Technological Center S.A. (APPLUS+)
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Technical annex Ed. 2
24/07/2026
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Technical Annex

Certified performances

Resistance to fire classification: EI 180

Durability of self-closing against degradation: C1

Product

- Fire rolling curtain with water cooling, reference “Adexon-FC1-EI180”.
- Curtain maximum dimensions, 22.000 mm x 17.000 mm (width x height).
- Minimum water irrigation of 0,34 m3/h·m2 for all curtain area.
- Side guides and casing can be installed on:
  - Exposed to fire side.
  - Non-exposed fire side.
  - Within the wall.
- Side guides and casing manufactured by 1.2 mm thick galvanized steel.
- Side guides, with dimensions from 100 mm x 75 mm up to 120 mm x 75 mm, with an Ø20 mm internal tube.
- Casing, with dimensions 220 mm x 220 mm, with an Ø80mm barrel.
- 24V motor.
- Bottom bar made by two metallic “L” profiles 40 x 40 x 5 mm and metallic plate 40 x 5 mm.
- Glass fiber fabric with steel wire reinforcement and foil of fluoropolymer, with 0.65 mm thickness and 710 g/m2 density.
- Fixing to supporting construction by M8 screws each 600 mm centers.