Constancy of Performance Certificate

No. 0370-CPR-6374

Date issued: 24/07/2026
Date of first issue: 27/05/2022
Follow-up date: before 30/06/2027

LGAI Technological Center S.A. (APPLUS+), Notified Body No. 0370, issues this certificate to:

APPLICANT

Placed on the market under the name of

Cubex (UK) Ltd T/A Adexon Fire & Smoke

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

Produced at the manufacturing plant

220707

PRODUCT

Pedestrian doorsets, industrial, commercial, garage doors and openable windows
covered by EN 13241:2003+A2:2016

Product range: Adexon-FC1-E120

APPLICABLE REGULATION

Construction Product Regulation (CPR)

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 16034:2014

Under **system 1** for the performance set out in this certificate are applied and the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

The validity of this certificate remains in effect as long as the harmonised standard, the construction product, the AVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.

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+)
Notified Body No. 0370
Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)

ENAC
CERTIFICACIÓN
ISO 17065
Nº12 / C-PR054

Check the status of this certificate

Certificate

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility

LGAI Technological Center S.A. (APPLUS+)
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Technical annex Ed. 5
24/07/2026
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Technical Annex

Annex according to EN 16034:2014

Pedestrian doorsets, industrial, commercial, garage doors and openable windows. Product standard, performance characteristics. Fire resisting and/or smoke control characteristics

Certified performances

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Resistance to fire (for fire compartmentation uses)	4.1	E 120
Smoke control (only for applications where limitation of smoke spread is required)	4.2	NPD
Ability to release	4.3	Released
Self-closing (only for self-closing fire resistant and/or smoke control doorsets and /or openable windows)	4.4	C
Durability of ability to release	4.5.1	NA
Durability of self-closing (only for self-closing fire resistant and/or smoke control doorsets and /or openable windows): - against degradation (cycling testing) - against ageing (corrosion)	4.5.2.1	1
	4.5.2.2	NA

PASS; NPD = No Performance Determined; NA = Not Applicable

Product

Adexon-FC1-E120 FIRE CURTAIN (INTEGRITY)

- Fire rolling curtaing reference "ADEXON-FC120E FIRE CURTAIN (INTEGRITY)".".
- Curtain maximum dimensions, 12000 mm x 8220 mm (width x height).
- Side guides and casing on the non-exposed fireside.
- Side guides and casing manufactured by 1.2 mm thick galvanized steel.
- Side guides, with dimensions 75 mm x 75 mm, with an Ø22 mm internal tube.
- Casing, with dimensions 220 mm x 220 mm, with an Ø85mm barrel.
- 24V motor.
- Bottom bar made by two metallic "L" profiles 35 x 35 x 3 mm and metallic plate 40 x 4 mm.
- Glass fiber fabric with steel wire reinforcement, with 0.65 mm thickness and 680 g/m^2 density.
- Fixing to supporting construction by M8 screws each 750 mm centers.
- Wind load resistance (4.4.3) Class 2 for systems with maximum opening dimensions of 4000 × 3000 mm (Width × Height) according to the report 26/32302617. Test carried out under System 3 according to EN 13241:2004+A2:2017 and following the test standards EN 12444:2001 and EN 12424:2000.

The complete technical data of the certified product **Adexon-FC1-E120 FIRE CURTAIN (INTEGRITY)** are detailed in the technical file and the range report nº 13/6284-2163 y 14/6284-3677

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Certified performances

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Resistance to fire (for fire compartmentation uses)	4.1	E 120
Smoke control (only for applications where limitation of smoke spread is required)	4.2	Sa
Ability to release	4.3	NPD
Self-closing (only for self-closing fire resistant and/or smoke control doorsets and /or openable windows)	4.4	C
Durability of ability to release	4.5.1	NA
Durability of self-closing (only for self-closing fire resistant and/or smoke control doorsets and /or openable windows): - against degradation (cycling testing) - against ageing (corrosion)	4.5.2.1	1
	4.5.2.2	NA

PASS; NPD = No Performance Determined; NA = Not Applicable

Product

Adexon-FC1-E120 FIRE CURTAIN (INTEGRITY) "KIT Sa"

- Dimensions:
  - Option 1: 2595 x 2795 mm (W x H)
  - Option 2:

		Width (m)										
		3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00
Height (m)	3,00	9,00	9,50	10,00	10,50	11,00	11,50	12,00	12,50	13,00	13,50	14,00
	3,50	10,00	10,50	11,00	11,50	12,00	12,50	13,00	13,50	14,00	14,50	15,00
	4,00	11,00	11,50	12,00	12,50	13,00	13,50	14,00	14,50	15,00	15,50	16,00
	4,50	12,00	12,50	13,00	13,50	14,00	14,50	15,00	15,50	16,00	16,50	17,00
	5,00	13,00	13,50	14,00	14,50	15,00	15,50	16,00	16,50	17,00	17,50	18,00
	5,50	14,00	14,50	15,00	15,50	16,00	16,50	17,00	17,50	18,00	18,50	19,00

(The width x height combinations allowed are those of the blank cells. Those highlighted in orange are not possible).

- Fabric: Fibreglass interwoven with steel mesh coated on both sides with aluminium pigmented polyurethane with a thickness of 0.70 mm and a density of 710 g/m^2.
- Aramid fibre filament sewing thread with internal steel inconel reinforcement.
- Galvanised steel box:
  - Option 1 (for curtain with maximum dimensions 2595 x 2795 mm):
    - Dimensions of the box: 220 x 220 mm (W x H)
    - 2 mm galvanised steel brackets located inside the box with the centre of each bracket 500 mm from the centre of the drawer.
    - Galvanised steel tubular roller with dimensions Ø 78 mm and 1.5 mm thick supported at each end by the supporting structure.
  - Option 2 (For the large curtain):
    - Dimensions of the box: 220 x 220 mm (W x H)
    - Galvanised steel tubular roller with dimensions Ø 78 mm and 1.5 mm thick, supported at each end by the supporting structure and with intermediate supports by means of brackets with intermediate support rollers located every 1000 mm along the inside of the box.
  - Option 3 (For the large curtain):
    - Dimensions of the box: 240 x 260 mm (W x H)
    - Galvanised steel tubular roller with dimensions Ø 78 mm and 1.5 mm thick, supported at each end by the supporting structure and with intermediate supports by means of brackets with intermediate support rollers located every 1000 mm along the inside of the box.
  - Option 4 (For the large curtain):
    - Dimensions of the box: 260 x 300 mm (W x H)
    - Galvanised steel tubular roller with dimensions Ø 78 mm and 1.5 mm thick, supported at each end by the supporting structure and with intermediate supports by means of brackets with intermediate support rollers located every 1000 mm along the inside of the box.
- Deflectors in fibreglass fabric on side guides and drawer.
- 2 guides (1 on each side) made of 2 mm thick galvanized steel with the following dimensions:
  - 120 x 70 mm (depth x height) or
  - 130 x 70 mm (depth x height)
- Bottom bar: 1.7 mm thick aluminium funnel with a minimum weight of 2.61 kg/m
- Motor:
  - Tubular motor with planetary gearbox 24 V, 3100 r.p.m and 20 W (For curtain 2595 x 2795 mm (width x height).
  - Tubular motor with 24 V planetary gearbox, 3350 rpm and 120 W (For the large curtain)
- Acrylic sealant in the gap between runners, drawer and supporting structure, and in the joint between drawer and runners.
- High-density rigid supporting structure with a minimum thickness of 200 mm and a minimum density of 1950 kg/m^3.
- Wind load resistance (4.4.3) Class 2 for systems with maximum opening dimensions of 4000 × 3000 mm (Width × Height) according to the report 26/32302617. Test carried out under System 3 according to EN 13241:2004+A2:2017 and following the test standards EN 12444:2001 and EN 12424:2000.

The complete technical data of the certified product **Adexon-FC1-E120 FIRE CURTAIN (INTEGRITY) "KIT Sa"** are detailed in the technical file and the report nº 23/32300947