

CERTIFICATE OF CONSTANCY OF PERFORMANCE

LGAI Technological Center, S.A. (APPLUS)
Notified Body Nr. 0370

No. **0370-CPR-6417**

In compliance with Regulation (EU) Nr. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

SMOKE AND HEAT CONTROL SYSTEMS. SMOKE BARRIERS
PRODUCT RANGE: **ADEXON-CSC60DH CONCERTINA SMOKE CURTAIN**

Placed on the market under the name of:

Cubex (UK) Ltd T/A ADEXON FIRE & SMOKE

L36 5SH PROSPECT HOUSE, HUYTON CHURCH ROAD
L3655H, LIVERPOOL, MERSEYSIDE, UK

And produced in the manufacturing plant:

24/32305170

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

EN 12101-1:2005; EN 12101-1:2007/A1:2006

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

This certificate was first issued on 8th July 2022 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. It is confirmed and modified on 19th July 2024.

The monitoring assessment will be done before 30th June 2025

Bellaterra, 19th July 2024




LGAI Technological Center, S.A.
Xavier Ruiz Peña
Managing Director, Product Conformity B.U.



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

You can check the validity of this certificate on our website: www.appluslaboratories.com/certified_products

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

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Annex according to **EN 12101-1:2005, EN 12101-1:2005/A1:2006**

SMOKE AND HEAT CONTROL SYSTEMS. PART. 1: SPECIFICATION FOR SMOKE BARRIERS

CERTIFIED PERFORMANCE

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Operational reliability	5.3	PASS
Response delay	5.4	ASB3
Security Measures	5.4	ASB3
Resistance to fire - Smoke leakage	5.5	0,00 m ³ /h·m ²
Resistance to fire - Mechanical stability	5.2	DH60
Resistance to fire - Integrity	5.2	DH60

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

PRODUCT

- Barrier system with the following maximum dimensions:
 - Width: unlimited.
 - Height: 10 m.
- Fiberglass fabric interwoven with steel mesh, coated with polyurethane on both sides ref. "TECTEX 450PU/2" 0,37 mm thick and 460 gr/m², with 70 mm horizontal overlap, with two rows of simple seam, distanced 50 mm.
- Aramid fibre filament yarn with internal reinforcement of steel inconel reference "TWASTWIRE".
- Bottom bar consisting of:
 - Galvanised steel head box tray 1,5 mm thick and 270 x 40 mm cross-section.
 - Two 2 mm thick galvanised steel tray angles.
 - Galvanised steel strap fixings 2 mm thick and 60,8 x 72 mm in dimensions.
- Galvanised steel head box reference "MFB-BLIND" 1,2 mm thick and section 200 x 450 mm (height x width).
- Galvanised steel roller with a thickness of 1,5 mm and an external diameter of 80 mm.
- Tubular motor reference "SMK5A".
- Active smoke barriers type ASB3.
- Stainless steel straps 0,2 mm thick and 13 mm wide.
- The smoke permeability of the barrier has a leakage rate inferior to 0,00 m³/h·m² at ambient temperature.

The complete technical data of the certified range **ADEXON-CSC60DH CONCERTINA SMOKE CURTAIN** are detailed in the technical file and the test and classification reports Nr. 22/32304324 M1, 22/32304324-1 M1 & 22/32305167.