Constancy of Performance Certificate

No. 0370-CPR-2036

Date issued: 24/07/2026
First issue date: 17/06/2011
Expiry date: 30/06/2029

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

The validity of this certificate remains valid 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the AVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.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.

Check the status of this certificate

Certificate

APPLICANT

Placed on the market under the name of

Souchier-Boullet, S.A.S

11, Rue des Campanules CS 30066
77436 Marne la Vallée Cedex 2 (France)

Produced at the manufacturing plant
220707

PRODUCT

Smoke and heat control systems. Smoke barriers

Product Range: SMOKEFIX. SSB DH-60/DA-150

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

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.

Xavier Ruiz Peña
Managing Director
Conformity Assessment

Applus certification

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

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+)
Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)

Technical Annex

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 performances

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Operational reliability	5.3	PASS
Response delay	5.4	NA - SSB
Security Measures	5.4	NA - SSB
Resistance to fire - Smoke leakage	5.5	PASS
Resistance to fire - Mechanical stability	5.2	DH60 & DA150
Resistance to fire - Integrity	5.2	DH60 & DA150

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

LGAI Technological Center S.A. (APPLUS+)
Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)

Product

- No emission of flaming particles has been reported for the 600 first seconds
- Fibreglass gauze ref. fire resistant "TECTEX 450-PU/2" of 0,37 mm thick and 450 gr/m2.
- Lap attaching method: Sewing by double sewing using a fibreglass wire with steel Inconel
- Static smoke barrier
- Barrier's Smoke leakage does not exceed 25 m3/h·m2 of leak rate at a room temperature
- Total dimensions of the test: 3000 x 3000 mm (height x width)
- Dimensions of the clearance: 2770 x 2600 (height x width)
- Total dimensions of the cloth exposed to fire (excluding vertical sewing lap): 2800 x 2850 mm (height x width).
- Method of fixing minimum required by plate 1.2 mm thick steel rivets fixed with 4 mm.
- It is permitted the increase of

  * Total height of the barrier no more than 10 m.

- SSB-DH60:
  - Cloth designed by seaming with vertical overlap of 50 mm
  - Maximum weight of the counterweight bar 2.55 kg/m (10 m height barrier).
  - Calculation on the deviation of the smoke barriers provided by the applicant:

$$d_c = 1{,}2\,\frac{\rho_0 g_1 D_1^{\,3}}{3T_1(2M_b + M_c L_c)} = 0.65\,\text{m}$$

- SSB-DA150:
  - Cloth designed by double seaming 50mm with vertical overlap of 60 mm
  - Maximum weight of the counterweight bar 2.11 kg/m (10 m height barrier).
  - Calculation on the deviation of the smoke barriers provided by the applicant:

$$d_c = 1{,}2\,\frac{\rho_0 g_1 D_1^{\,3}}{3T_1(2M_b + M_c L_c)} = 0.68\,\text{m}$$

The complete technical data of the certified range **SMOKEFIX. SSB DH-60/DA-150** are detailed in the technical file and the assessment report nº 11/3594-2232 and 12/4726-430.