

CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

No. **0370-CPR-2600**

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 CONTROL DAMPERS.

MODEL: **SCDC**

Placed on the market under the name of:

SAFEAIR, S.L. (GRUPO KOOLAIR)

POL. IND. SAN ISIDRO
AVDA. SAN ISIDRO NAVE C-3
45223 SESEÑA (TOLEDO) SPAIN

And produced in the manufacturing plant:

POL. IND. SAN ISIDRO
AVDA. SAN ISIDRO NAVE C-3
45223 SESEÑA (TOLEDO) SPAIN

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

EN 12101-8:2011

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 24th February 2017 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 on 25th October 2024.

The monitoring assessment will be done before 31st October 2025

Bellaterra, 25th October 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 12101-8:2011**

SMOKE AND HEAT CONTROL SYSTEMS. PART 8: SMOKE CONTROL DAMPERS.

CERTIFIED PERFORMANCES

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Nominal activation conditions/sensitivity	4.2.1.3	PASS
Response delay (response time)	4.2.1.4	PASS
Operational reliability	4.3.2.2	300 Cycles
Fire resistance – Integrity	4.1.1 a), 4.4.1	EI 120 (Ved i ↔ o) S 1500 AA multi
Fire resistance – Insulation	4.1.1 b), 4.4.1	EI 120 (Ved i ↔ o) S 1500 AA multi
Fire resistance – Smoke leakage	4.1.1 c), 4.4.1	EI 120 (Ved i ↔ o) S 1500 AA multi
Fire resistance – Mechanical stability (under E)	4.1.1 d)	EI 120 (Ved i ↔ o) S 1500 AA multi
Fire resistance – Maintenance of the cross section (under E)	4.1.1 e)	EI 120 (Ved i ↔ o) S 1500 AA multi
Fire resistance – High operational temperature	4.1.1 f), 4.4.1	NA
Durability of response delay	4.4.2.1	PASS
Durability of operational reliability	4.4.2.2	PASS

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

PRODUCT

- Automatic activation smoke control damper single blade SCDC.
- Rectangular range dimensions range from 200 x 200 mm up to 1230 x 830 mm
- Class EI 120 (Ved i ↔ o) S 1500 AA multi
- Opening and closing automatically controlled by a servo motor Belimo BLE, BEN, BEE o BE
- Opening by spring release by coil and motorized closing by Belimo BL 24-48.
- Opening by spring release by coil and manual closing.
- The damper is tested in vertical duct made in plates of Promatect L500 52 mm thickness.
- Fire Test pressure: -500 Pa and in environmental temperature -1500 Pa.

Full technical data for the certified product range is specified in the technical file and in the range report 16/12065-1702, 17/14004-349 and 19/19172-1476.