



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-2600**

CERTIFICATE OF CONSTANCY OF PERFORMANCE

In compliance with Regulation 305/2011/EU 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. PART 8: SMOKE CONTROL DAMPERS.

MODEL: **SCDC**

Place 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 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 24th February 2017 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. It is confirmed and modified on 31st October 2019.

The monitoring assessment will be done before October 2020

Bellaterra, 31st October 2019


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 the number of certificate

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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 Apply

PRODUCT

- Automatic activation smoke control damper single blade SCDC, with grid RPK (optional accessory).
- Rectangular range dimensions range from 200 x 200 mm up to 1230 x 830 mm
- 300 Cycles tested.
- Class EI 120 (Ved i ↔ o) S 1500 AA multi
- Opening and closing automatically controlled by a servo motor Belimo BLE.
- Opening by spring release by Mecalectro 580-05 coil type and motorized closing by Belimo BL 24-48.
- Opening by spring release by Mecalectro 580-05 coil type 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.

Complete technical data related to the certified range of products is detailed in the technical file and in the range report 16/12065-1702, 17/14004-349 and 19/19172-1141.