



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-1688**

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: **SMLD**

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 13th June 2014 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

- Smoke control damper of multi blade with grid and automatic activation.
- Total dimensions of the rectangular range: from 418x449mm up to 764x1249mm
- Dimensions of free pass: from 354x200mm up to 700x1000mm
- Tested at 300 cycles.
- EI 120 (Ved i ↔ o) S 1500 AA multi
- Automatic opening and closing by motor Belimo
- Opening through spring release coil type by Mecalectro 580-05 and motorized power closing by Belimo BL 24-48
- The damper is tested in vertical duct made in plates of Promatect L 500 thick 52 mm that crosses the wrought
- Fire Test pressure -500 Pa and environmental temperature– 1500 Pa
- Accessories:
 - Metallic pre-frame, sealing duct by fire resistant mastic

Complete technical data related to the certified range of products is detailed in the technical file and in the range report 13/5709-3063, 14/5709-183, 15/6432-90, 15/9764-174 and 19/19172-1141.