



Notified Body No. 0370

# CERTIFICATE



No. **0370-CPR-2591**

## 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:

### VENTILATION FOR BUILDINGS. FIRE DAMPERS

MODEL: **SCFR-GD**

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 15650:2010

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 24<sup>th</sup> 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 31<sup>st</sup> October 2019.

### The monitoring assessment will be done before October 2020

Bellaterra, 31<sup>st</sup> October 2019

 Applus<sup>+</sup>

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: - sensing element load bearing capacity - sensing element response temperature	4.2.1.2 4.2.1.2.2 4.2.1.2.3	PASS
Response delay (response time): - closure time	4.2.2.2	PASS
Operational reliability: - cycling	4.3.1, a)	50 Cycles
Fire resistance:		
- integrity	4.1.1, a)	EI 120 ve i ↔ o) S EI 120 (ho i ↔ o) S
- insulation	4.1.1, b)	EI 120 ve i ↔ o) S EI 120 (ho i ↔ o) S
- smoke leakage	4.1.1, c)	EI 120 ve i ↔ o) S EI 120 (ho i ↔ o) S
- mechanical stability (under E)	4.1.1, a)	EI 120 ve i ↔ o) S EI 120 (ho i ↔ o) S
- maintenance of the cross section (under E)	4.1.1, a)	EI 120 ve i ↔ o) S EI 120 (ho i ↔ o) S
Durability of response delay: - sensing element response to temperature and load bearing capacity	4.2.1.2.2 & 4.2.1.2.3	PASS
Durability of operational reliability: - open and closing cycle tests	4.3.3.2	10.000 Cycles (motorized) 300 Cycles (manual)

PASS; NPD = No Performance Determined, NA = Not Apply

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### PRODUCT

- Single blade fire damper, SCFR-GD.
- Rectangular range dimensions from 1500x800 mm to 200x200 mm of diameter for rigid wall.
- Rectangular range dimensions from 1500x800 mm to 850x200 mm of diameter for slab.
- Fire class EI 120 (ve i ↔ o) S for rigid wall.
- Fire class EI 120 (ho i ↔ o) S for slab.
- Tested with actuator GGA326.1E/KA - Siemens (rigid wall) and BL24-48KO - Belimo including a manual drive system TH70 remote controlled by coil (slab).
- Damper tested on slab (horizontal mounted) and tested on a rigid wall (vertical mounted).
- 50 open/close cycles before testing.
- Test pressure 500 Pa.
- Slab installation options, and on face exposed to fire:
  - Manual TH70 trigger mechanism or remote control by coil and motorized reset. Manual operation TH70 Elsie fuse Mfg type B 70°C, remote control with coil and reset Belimo BL24-48KO;
  - Manual TH70 trigger mechanism and manual reset. Automatic closure with spring and Elsie fuse Mfg type B 70°C;
  - Manual TH70 trigger mechanism or remote control by coil and manual reset;
- Rigid Wall installation options:
  - Manual TH70 trigger mechanism and manual reset. Automatic closure with spring and Elsie fuse Mfg type B 70°C;
  - Manual TH70 trigger mechanism or remote control by coil and manual reset;
  - Manual TH70 trigger mechanism or remote control by coil and motorized reset. Manual operation TH70 Elsie fuse Mfg type B 70°C, remote control with coil and reset Belimo BL24-48KO;
  - GGA326.1E/KA of Siemens reset mechanism with thermal fuse 72°C;
  - Belimo BFN230-T reset mechanism with thermal fuse 72°C;

Complete technical data related to the certified range of products is detailed in the technical file and in the 16/12065-2107, 16/12065-1305, 3P08908-4, 17/14004-348 and 19/19172-1141.