



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 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 26<sup>th</sup> October 2018.

**The monitoring assessment will be done before October 2019**

Bellaterra, 26<sup>th</sup> October 2018

  
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*

**TECHNICAL ANNEX 0370-CPR-2600**

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**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 and 17/14004-349.

| 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

