



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-2459**

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: **BDK 120**

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 21st October 2016 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 26th October 2018.

The monitoring assessment will be done before October 2019

Bellaterra, 26th 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-2459

CERTIFICATE OF CONSTANCY OF PERFORMANCE

PRODUCT

- Double blade Fire Damper, BDK 120.
- Dimensions of circular product range, 100 mm of diameter up to diameter 200 mm. for flexible wall & rigid wall.
- Classification EI 120 (ve i → o) S for flexible wall and rigid wall.
- Damper tested with manual activation, automatic closing by spring. Thermal fuse JPC 5EZ272.
- Tested with thermal trip mechanism placed between the blades.
- Damper tested on rigid and flexible wall (vertical mounted).
- 50 opening and closing cycles are performed prior to testing.
- Testing pressure: 500 Pa.
- Full technical data for the certified product range is specified in the technical file and in the range report 16/12065-601, 17/14603-1461 & 17/15426-2005.

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
- insulation	4.1.1, b)	EI 120 (ve i → o) S
- smoke leakage	4.1.1, c)	EI 120 (ve i → o) S
- mechanical stability (under E)	4.1.1, a)	EI 120 (ve i → o) S
- maintenance of the cross section (under E)	4.1.1, a)	EI 120 (ve 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	NA

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

