



Efectis UK/Ireland

Efectis UK / Ireland Limited
Firesert Centre Ulster University
Jordanstown Campus, Block 27
Shore Road, Newtownabbey
BT37 0QB Northern Ireland
www.efectis.com

CERTIFICATE OF CONSTANCY OF
PERFORMANCE

CERTIFICATE OF CONSTANCY OF PERFORMANCE

N° 2822-UKCA-CPR-0056

In compliance with Regulation 2020 N°1359 of The construction Products (EU exit) Regulation 2020, it was established that the construction product:

Product	Fire Damper
Reference of the product	CRE60
Placed on the market by or for	RF TECHNOLOGIES Lange Ambachtstraat 40 9860 Oosterzele Belgium
and produced in the manufacturing plant located in	Oosterzele, Belgium

is submitted by the manufacturer to a factory production control, and that the approved certification body EFECTIS UK/Ireland, has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance, described in Annex ZA of the standard **BS EN 15650: 2010** under system 1 are applied, and that the product(s) fulfill(s) all the prescribed requirements set out above.

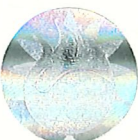
This certificate, first issued on **October 20th 2022**, remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product and the manufacturing conditions in the plant are not modified significantly.

This certificate allows the manufacturer, its mandatories or its distributors, stated in the United Kingdom Economic Area, to affix the UKCA marking.

Certificate established at Belfast on: **20/10/2022**

By the Technical Certification director,

Daniel Joyeux
Technical Certification Director



Approved body
Nr 2822

**ANNEX TO THE CERTIFICATE OF CONSTANCY OF PERFORMANCE
TO THE STANDARD EN 15650: 2010**

Product **Fire Damper**

Reference of the product **CRE60**

Certificate delivered to **RF TECHNOLOGIES
Lange Ambachtstraat 40
9860 Oosterzele
Belgium**

CLASSIFICATION

Working pressure: - 300 Pa

For dampers mounted in a flexible wall – th ≥ 90 mm made of gypsum board and studs with insulation or a partition with a fire resistance equal or higher than the classification of the element or in a rigid construction of aerated or normal concrete th ≥ 100 mm and density ≥ 450 kg/m³

E I 60 (v_e i ↔ o) S

For dampers mounted in slab made of aerated or normal concrete th ≥ 125 mm and density ≥ 450 kg/m³ or with a fire resistance equal or higher than the classification of the element

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DESCRIPTION OF THE RANGE

- Circular fire dampers: Diameter from 100 mm up to 630 mm
- Steel housing: galvanized steel th= 0.8 mm and length = 345 mm
 - Damper blade: made of 1 gypsum boards with metal plate both sides (th = 14.1 mm)
 - Actuating mechanism installed on the outside of the fire damper: BELIMO BFN24-T or ONE

DECLARED CHARACTERISTICS

Nominal activation conditions: (EN ISO 10294-4)	Compliant
Sensing element load bearing capacity	Compliant
Sensing element response temperature	Compliant
Response delay closure time :	Compliant
Closure time	Compliant
Operational reliability	50 cycles – Compliant
Durability of response delay (EN ISO 10294-4)	Compliant
Durability of operational reliability	10000 cycles – Compliant* 300 cycles – Compliant** 50 cycles – Compliant***

- * : with UNIQ VD/VM FDC(U)(B)(ME) or ONE T FDC(U)(B) or BFL(T)&BFN(T)
** : with MANO
*** : with CFTH



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FIELD OF APPLICATION

Classification for fire dampers tested horizontally in a floor with fire from below are acceptable in installation with fire from above.

The fire dampers may be installed with a blade axis at any angle, except for clustered dampers when the angle of the blade axis is limited to 45°.

Classification applicable for fire dampers separated from 30 mm up to 200 mm in separate ducts and from 30 mm up to 75 mm between a fire damper and the constructional element.

Certificate established at Belfast on: **20/10/2022**

By the Technical Certification director,

Daniel Joyeux
Technical Certification Director



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