



Efectis UK/Ireland

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CERTIFICATE OF CONSTANCY OF  
PERFORMANCE

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

N° 2822-UKCA-CPR-0060

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

Product	<b>Fire Damper</b>
Reference of the product	<b>CU-LT</b>
Placed on the market by or for	<b>RF TECHNOLOGIES Lange Ambachtstraat 40 9860 Oosterzele Belgium</b>
and produced in the manufacturing plant located in	<b>Oosterzele, Belgium</b>

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 20<sup>th</sup> 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	<b>Fire Damper</b>
Reference of the product	<b>CU-LT</b>
Certificate delivered to	<b>RF TECHNOLOGIES Lange Ambachtstraat 40 9860 Oosterzele Belgium</b>

**CLASSIFICATION**

**Working pressure: - 300 Pa**

For dampers mounted in a flexible wall construction Type F gypsum plasterboard (EN 520)– th ≥ 100 mm and a penetration seal: type Mineral wool + coating (PROMAT or HILTI seal) – with fire resistant paint coat (from 0.8 mm to 1.5 mm) on the outside of the housing.

**E I 120 (v<sub>e</sub> i ↔ o ) S**

For dampers mounted in a flexible wall construction Type F gypsum plasterboard (EN 520)– th ≥ 100 mm and a penetration seal: type Mineral wool + coating (PROMAT or HILTI seal).

With a gap of 8mm between the damper and the penetration seal filled with fire resistant paint – with or without fire resistant paint coat (from 0.8 mm to 1.5 mm) on the outside of the housing.

Or

For dampers mounted in a flexible wall construction: Type F gypsum plasterboards (EN 520) – th = 100 and a penetration seal type Mineral wool + coating (HILTI or MULCOL or Pyro-Safe seal) or clustered seal

**E I 90 (v<sub>e</sub> i ↔ o ) S**

For dampers mounted in a flexible wall construction: Type A gypsum plasterboards (EN 520) – th = 100 and penetration seal type Mineral wool + coating (PROMAT, HILTI or MULCOL seal) or clustered seal

**E I 60 (v<sub>e</sub> i ↔ o ) S**

For dampers mounted in a rigid construction floor made of aerated concrete – th = 150 mm and penetration seal Type Mineral wool + coating (PROMAT seal) with fire resistant paint coat (from 0.8 to 1.5 mm) on the outside of the housing.

**E I 120 (h<sub>o</sub> i ↔ o ) S**

For dampers mounted in a rigid construction floor made of aerated concrete – th = 150 mm and penetration seal Type Mineral wool + coating (PROMAT seal) – with a gap of 8 mm between the damper and the penetration seal filled with fire resistant paint; with or without fire resistant paint on the outside of the housing

For dampers mounted in a rigid floor construction made of aerated concrete – th = 150 mm and penetration seal type mineral wool + coating (HILTI seal) or clustered seal.

**E I 90 (h<sub>o</sub> i ↔ o ) S**



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## DESCRIPTION OF THE RANGE

Rectangular fire dampers: from 200 x 100 mm up to 800 x 600 mm

- Housing made of galvanized steel – th= 0.8 mm – length = 300 mm
- Damper blade: Fiber silicate board – th= 25 mm
- Actuating mechanism installed on the outside of the fire damper

## DECLARED CHARACTERISTICS

Nominal activation conditions: (EN ISO 10294-4)	
Sensing element load bearing capacity	Compliant
Sensing element response temperature	
Response delay closure time :	Compliant
Closure time	
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)

\*\* : with MMAG

\*\*\* : with MFUSP

## FIELD OF APPLICATION

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

Classification applicable for fire dampers with minimum:

- to 200 mm between dampers installed in separate ducts
- to 75 mm between a fire damper and the constructional element.

In case of clustered dampers, the classification is applicable to a minimum separation of 50 mm between fire dampers or between fire damper and horizontal floor up to a maximum of 200 mm.

A maximum of 2 dampers next to each other horizontally or vertically or a maximum of 4 dampers clusters is allowed.

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