Efectis UK/Ireland

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CERTIFICATE OF CONSTANCY OF PERFORMANCE N° 2822-UKCA-CPR-0062

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	**SC(V)P**
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

UKAS PRODUCT CERTIFICATION
10169

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	**SC(V)P**
Certificate delivered to	**RF TECHNOLOGIES** **Lange Ambachtstraat 40** **9860 Oosterzele** **Belgium**

CLASSIFICATION

Working pressure: - 300 Pa

Damper size: from ∅ 80 mm up to ∅ 200 mm

For dampers (SC+120) mounted in a rigid wall made of reinforced concrete th ≥ 110 mm

For damper (SC+120) mounted in a flexible construction made of plaster block partition th ≥ 100 mm

E I 120 (v_e i ↔ o) S

For dampers (SC+90 & SC+90L, SCV+90) mounted in a flexible wall made of metal studs and plasterboard Type F (EN 520) – th ≥ 100 mm – sealing: stone wool+ plaster +cover plates

For dampers (SC+90 & SC+90L, SCV +90) mounted in a flexible wall made of metal studs and plasterboard Type F (EN 520) – th ≥ 100 mm – sealing: type Mineral wool + coating (PROMAT or HILTI seal) with pasta sealing (PROMAT or HILTI) and casing protection (PROMAT or HILTI)

For dampers (SC+90 & SC+90L, SCV+90) mounted in a rigid wall made of aerated concrete – th ≥ 100 mm sealing: mortar

For dampers (SC+90 & SC+90L, SCV+90) mounted in a rigid wall made of aerated concrete – th ≥ 100 mm sealing: type Mineral wool + coating (PROMAT or HILTI seal) with pasta sealing (PROMAT or HILTI) and casing protection (PROMAT or HILTI)

E I 90 (v_e i ↔ o) S

For dampers (SC+90 & SC+90L, SCV+90) mounted in a rigid floor made of aerated concrete – th ≥ 150 mm sealing: mortar

E I 90 (h_o i ↔ o) S

Damper size: from ∅ 100 mm up to ∅ 200 mm

For dampers (SC+60 & SC+60L, SCV+60) mounted in a flexible wall made of paper-covered plasterboard Type A (EN 520)- th≥ 100 mm – sealing: gypsum

For dampers (SC+60 & SC+60L, SCV+60) mounted in a flexible wall made of paper-covered plasterboard Type A (EN 520)- th≥ 100 mm – sealing: Stone wool + cover plate

For dampers (SC+60 & SC+60L, SCV+60) mounted in a rigid wall made of aerated concrete th ≥ 100 mm – sealing: mortar

E I 60 (v_e i ↔ o) S

For dampers (SC+60 & SC+60L, SCV+60) mounted in a rigid floor made of aerated concrete – th ≥ 150 mm sealing: mortar

E I 60 (h_o i ↔ o) S

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DESCRIPTION OF THE RANGE

Circular fire dampers cartridge: ∅ 80 mm to 200 mm

- Housing made of steel – th= 6/10 mm – length = 60 mm
- Damper blade: Semi-circular fiber silicate board – th= 6 (60 min) or 8 mm (90 or 120 min)
- Damper blades held open by steel fuse
- For option 'V' : Finishing ventilation valve

DECLARED CHARACTERISTICS

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

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.

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

By the Technical Certification director,

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Technical Certification Director

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