



Efectis UK/Ireland

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CERTIFICATE OF CONSTANCY OF
PERFORMANCE

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N° 2822-UKCA-CPR-0013

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

Product **Smoke Control Damper**

Reference of the product **AVANTAGE MP**

Placed on the market by or for **RF TECHNOLOGIES
Lange Ambachtstraat 40
9860 Oosterzele
Belgium**

and produced in the manufacturing plant located in **Slovakia**

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 12101-8:2011** under system 1 are applied, and that the product(s) fulfill(s) all the prescribed requirements set out above.

This certificate, first issued on **June 9th 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: **09/06/2022**

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 12101-8:2011**

Product **Smoke Control Damper**

Reference of the product **AVANTAGE MP**

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

Description of the field covered by the certificate:

CLASSIFICATION

In accordance with the classification report issued by Efectis France n° EFR-20-003390.

AVANTAGE MP 1V 60 Mounted in a duct made of:

- PROMATECT L500 (Promat) Thickness = 30 mm
- GEOFLAM (Geostaff) Thickness = 30 mm
- TECHIVER L35 (CF Distribution) Thickness = 35 mm
- GLASROC F/V500 (Placoplatre) Thickness = 35 mm
- GEOTEC S (Geostaff) Thickness = 30 mm
- Prefabricated reinforced concrete Thickness = 90 mm
- EXTHAMAT Thickness = 25 mm
- DESENFIRE HD Thickness = 25 mm

E	I	t	S	H _{odw} /V _{edw}	i	↔	o	Operating Pressure	HOT 400/30	C _{yy}	AA/MA	Multi / Single
E	I	60	S	V _{ed}	i	↔	o	-1500 Pa to 0 Pa	-	10000	AA	Multi

AVANTAGE MP 1V 120 Mounting in a duct made of:

- Prefabricated reinforced concrete Thickness = 90 mm
- PROMATECT L500 (Promat) Thickness = 40 mm
- GEOFLAM (Geostaff) Thickness = 35 mm
- TECHIVER L35 (CF Distribution) Thickness = 45 mm
- EXTHAMAT Thickness = 30 mm
- DESENFIRE THD Thickness = 25 mm

E	I	t	S	H _{odw} /V _{edw}	i	↔	o	Operating Pressure	HOT 400/30	C _{yy}	AA/MA	Multi / Single
E	I	90	S	V _{ed}	i	↔	o	-1500 Pa to 0 Pa	-	10000	AA	Multi



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AVANTAGE MP 1V 120 Mounting in a duct made of:

- PROMATECT L500 (Promat) Thickness = 50 mm
- GEOFLAM (Geostaff) Thickness = 45 mm
- GEOFLAM LIGHT (Geostaff) Thickness = 35 mm
- EXTHAMAT (Extha) Thickness = 35 mm
- TECHIVER L50 (CF Distribution) Thickness = 45 mm
- GLASROC FV500 Thickness = 50 mm
- GEOTEC® S (Geostaff) Thickness = 45 mm
- DESENFIRE (MF Industries) Thickness = 45 mm
- DESENFIRE HD (MF Industries) Thickness = 35 mm
- DESENFIRE STR Thickness = 25 mm

E	I	t	S	H_{odw}/V_{edw}	i	↔	o	Operating Pressure	HOT 400/30	C_{yy}	AA/MA	Multi / Single
E	I	120	S	V_{ed}	i	↔	o	-1500 Pa to 0 Pa	-	10000	AA	Multi

DESCRIPTION OF THE RANGE

Smoke Control Damper 1 leaf with grid

Dimensions: 350 x 385 to 700 x 1075 mm

Leaf in PROMATECT H Board or IGNIBOARD board – Thickness 15 mm – bulk density: 900 kg/m³ and galvanised steel profiles th = 1.25mm

Door Hinges made from steel

Tunnel in extruded aluminium: 79.1 x 54 mm using Zamak connectors

CONTROL SYSTEM / CONTROL MECHANISM

Hand Driven mechanism with electromagnetic lock.

Motor type KAM MP MEC.

Position detection by position gages.

Position opening maintained with a steel arm.

APPROVED ACCESSORIES

Pre-frame type EASY-KAP ME / MP or EASY-KGC ME / MP

Addition of mastic sealant between the frame of the smoke control damper and the duct

Paints on the leaf and the frame on the side unexposed to fire

Aluminium film on the exposed side of the leaf

Black finish plate

Paint on the side exposed to fire on the metal frame of the leaf

LEAK TIGHTNESS

Leak tightness at ambient temperature:

- Silicone Seal

Leak tightness at elevated temperature:

- Intumescent seal



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FIELD OF APPLICATION

Multi-compartment smoke dampers can be applied to ducts tested in accordance with EN 1366-8, constructed from materials of the same density as those tested or from the same material but with a greater density or thickness, provided that the service pressure allowed in the classification report for the end-used duct is compatible

Certificate established at Belfast on: **09/06/2022**

By the Technical Certification director,

Daniel Joyeux
Technical Certification Director



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