Efectis UK/Ireland

Efectis UK / Ireland Limited
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CERTIFICATE OF CONSTANCY OF PERFORMANCE N° 2822-UKCA-CPR-0138

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

Product	**Ventilation for buildings - Fire dampers.**
Reference of the product	**FDMR**
Placed on the market by or for	**MANDIK, a.s.** **Dobrisska 550, 26724, Czech Republic**
and produced in the manufacturing plant located in	**Dobrisska 550, 26724, Czech Republic**

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 fulfils all the prescribed requirements set out above.

This certificate, first issued on the **30th of April, 2024**, 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: **05/06/2026.**

Daniel JOYEUX
Certification Technical Director

UKAS PRODUCT CERTIFICATION
10169

Approved body
Nr 2822

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

N° 2822-UKCA-CPR-0138

Product **Ventilation for buildings - Fire dampers.**

Reference of the product **FDMR**

Certificate delivered to **MANDIK, a.s.**
Dobrisska 550, 26724, Czech Republic

Description of the field covered by the certificate in accordance with the classification report issued by PAVUS, a.s, no: PK3-02-23-901-E-0.

DESCRIPTION OF THE RANGE

Circular fire damper made of: a body, a blade and a thermal release mechanism.

Dimension ranges: nominal cross section DN (min-max):	DN 100 – 200 mm DN 225 – 315 mm DN 350 – 630 mm DN 710 – 800 mm
Damper body in galvanized steel sheet:	thickness 1.0 mm for dimensions DN 100 to DN 630 thickness 1.5 mm for dimensions DN 710 to DN 800
Damper blade in calcium-silicate boards:	- one 20 mm thick Promatect H board for dimensions DN 100 to DN 200 - one 25 mm thick Promatect H board for dimensions DN 225 to DN 315 - one 30 mm thick Promatect MST board for dimensions DN 350 to DN 630 - two 20 mm thick Promatect H boards for dimensions DN 710 to DN 800
Installation types, as described in the classification report PK3-02-23-901-E-0 and EXAP report referenced PRA3-02-23-901-E-0:	• Supporting constructions: ○ WF100: standard flexible wall – thickness 100 mm – fire resistance EI 90 ○ FR150: standard rigid floor – thickness 150 mm
	• Gap sealing: ○ GM: Gypsum mortar ○ ACB: Ablative coated batt

Installation type	DN range	Supporting construction	Gap sealing type
20A	100-200	WF100	GM
20B	100-200	WF100	ACB
20C	100-200	FR150	GM
25A	225-315	WF100	GM
25B	225-315	WF100	ACB
25C	225-315	FR150	GM
30A	350-630	WF100	GM
30B	350-630	WF100	ACB
30C	350-630	FR150	GM
40A	710-800	WF100	GM
40B	710-800	WF100	ACB
40C	710-800	FR150	GM

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10169

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Nr 2822

DRIVING MECHANISM

Mechanical actuator mechanism with thermal fuse:	Spring loaded actuator (MANDIK) and thermal fuse (72°C)
Thermoelectric release mechanism:	Belimo actuator type BFL, BFN, BF (72°C)
	Grunner actuator type 340TA, 360TA, 380TA (72°C)

CLASSIFICATION

Installation	DN size range	Gap sealing width	E	I	t	v_e	h_o	i	↔	o	S
20A	100-200 mm	50 mm	**E**	**I**	**120**	v_e	-	**i**	↔	**o**	**S**
20A	100-200 mm	50 to 150 mm	**E**	**I**	**90**	v_e	-	**i**	↔	**o**	**S**
20B	100-200 mm	40 to 130 mm	**E**	**I**	**90**	v_e	-	**i**	↔	**o**	**S**
20C	100-200 mm	40 to 150 mm	**E**	**I**	**120**	-	h_o	**i**	↔	**o**	**S**
25A	225-315 mm	40 mm	**E**	**I**	**120**	v_e	-	**i**	↔	**o**	**S**
25A	225-315 mm	40 to 150 mm	**E**	**I**	**90**	v_e	-	**i**	↔	**o**	**S**
25B	222-315 mm	40 to 130 mm	**E**	**I**	**90**	v_e	-	**i**	↔	**o**	**S**
25C	225-315 mm	50 mm	**E**	**I**	**120**	-	h_o	**i**	↔	**o**	**S**
25C	225-315 mm	50 to 150 mm	**E**	-	**120**	-	h_o	**i**	↔	**o**	**S**
			E	**I**	**90**	-	h_o	**i**	↔	**o**	**S**
30A	350-630 mm	40 to 150 mm	**E**	**I**	**120**	v_e	-	**i**	↔	**o**	**S**
30B	350-630 mm	100 mm	**E**	**I**	**120**	v_e	-	**i**	↔	**o**	**S**
30B	350-630 mm	40 to 100 mm	**E**	**I**	**90**	v_e	-	**i**	↔	**o**	**S**
30C	350-630 mm	40 to 150 mm	**E**	**I**	**120**	-	h_o	**i**	↔	**o**	**S**
40A	710-800 mm	50 mm	**E**	**I**	**120**	v_e	-	**i**	↔	**o**	**S**
40A	710-800 mm	50 to 150 mm	**E**	**I**	**90**	v_e	-	**i**	↔	**o**	**S**
40B	710-800 mm	100 mm	**E**	-	**120**	v_e	-	**i**	↔	**o**	**S**
			E	**I**	**90**	v_e	-	**i**	↔	**o**	**S**
40B	710-800 mm	40 to 100 mm 100 to 130 mm	**E**	**I**	**90**	v_e	-	**i**	↔	**o**	**S**
40C	710-800 mm	50 mm	**E**	**I**	**120**	-	h_o	**i**	↔	**o**	**S**
40C	710-800 mm	50 to 150 mm	**E**	**I**	**90**	-	h_o	**i**	↔	**o**	**S**

DECLARED CHARACTERISTICS

Nominal activation conditions: ○ Sensing element load bearing capacity. ○ Sensing element response temperature	 Compliant Compliant
Response delay (closure time):	Compliant (< 2 min)
Operational reliability:	50 cycles - Compliant
Durability of response delay:	Compliant
Durability of operational reliability:	10 000 cycles + 100 cycles + 100 cycles - Compliant

Certificate established at Belfast on: **05/06/2026.**

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