MANDÍK

DECLARATION OF PERFORMANCE
No. PM/SEDM/02/26/1

1.	Unique identification code of the product-type	**SEDM**
2.	Products	Smoke control dampers
	Intended use	Smoke control dampers that are to be used in multi compartment smoke control systems, either at 600 °C or under fire conditions
	Technical documentation – product information, instruction for installation and maintenance, safety information	Technical specifications TPM 156/22
3.	Manufacturer	MANDÍK, a.s. Dobříšská 550, 26724 Hostomice, Czech Republic ID 26718405, tel. +420 311 706 706 mandik@mandik.cz, www.mandik.com
5.	System of AVCP	System 1
6.	Designated standard	BS EN 12101-8:2011
	UK Approved Body	UK Approved Body No. 2822 Efectis UK/Ireland Limited, Shore Road, Jordanstown, BT37 0 QB, United Kingdom
	Output documents of the UK Approved Body	2822-UKCA-CPR-0144

7a.	**Declared performances – fire resistance classification** Essential characteristics in accordance with BS EN 12101-8:2011, art. 4.1.1	
Fire separating construction, location of the damper	*Installation type, installation system*	*Performance – class of fire resistance*
Horizontal or vertical smoke extraction duct – into/onto the duct	Connection to single or multi compartment smoke extraction ducts tested acc. to EN 1366-8 or EN 1366-9[1]	EI 120 (h_{od} i↔o) S1000C_{mod}HOT 400/30MAmulti EI 120 (v_{ed} i↔o) S1000C_{mod}HOT 400/30MAmulti
Standard low- and high-density rigid wall construction according to EN 1363-1 – damper in the wall – 100 mm min. wall thickness	Ablative coated batt [1],[2]	EI 120 (v_{ew} i↔o) S1500C_{mod}HOT 400/30MAmulti
Standard flexible wall construction, min. EI 90 according to EN 1363-1 – damper in the wall – 100 mm min. wall thickness	Ablative coated batt [1],[2]	EI 120 (v_{ew} i↔o) S1500C_{mod}HOT 400/30MAmulti
Standard low- and high-density rigid floor construction according to EN 1366-2 – damper in the floor – 150 mm min. floor thickness	Ablative coated batt [1]	EI 120 (h_{ow} i↔o) S1500C_{mod}HOT 400/30AAmulti

[1] Refer to Technical documentation for the details of the installation type / installation system.
[2] Including assembly of dampers - side by side

7b.	**Declared performances – essential characteristics** Essential characteristics in accordance with BS EN 12101-8:2011, art. 4.1.1	
Essential characteristics	*Requirements (provisions of harmonised standard BS EN 12101-8:2011)*	*Performance (lever or class) / Compliance with the requirements*
Nominal activation conditions/sensitivity	4.2.1.3	Conforms
Response delay (response time)	4.2.1.4	Conforms
Operational reliability	4.4.2.2	C 10 000 – conforms Cmod – conforms
Fire resistance – integrity (E)	4.1.1 a)	E – conforms
Fire resistance – insulation (EI)	4.1.1 b)	EI – conforms
Fire resistance – smoke leakage (ES)	4.1.1 c)	EIS – conforms
Fire resistance – mechanical stability (under E)	4.1.1 d)	Conforms
Fire resistance – maintenance of cross section (under E)	4.1.1 e)	Conforms
Fire resistance – high operational temperature	4.1.1 f)	HOT 400/30 – conforms
Durability – of response delay	4.4.2.1	Conforms
Durability – of operational reliability	4.4.2.2	Damper with control mechanisms: - Belimo actuators (BEN/BEE/BE): C_{mod} - Schischek actuators (InMax-50.75S): C_{mod} - Belimo actuators (BEN/BEE/BE) connected with MDC(P)M[3] control modules: C_{mod} - Schischek actuators (InMax-50.75S) connected with MDC(P)M[3] control modules: C_{mod}

[3] The control modules shall be installed in a separate calcium silicate housing, according to Technical documentation.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

In Hostomice, 2026-06-10

Mgr. Jan Mičan
CEO, Ppa
MANDÍK, a.s.

Declared performances – other characteristics		
Characteristics	*Technical standard*	*Performance (lever or class) / Compliance with the requirements*
Damper blade tightness	BS EN 1751:2024	Class 2
Damper casing tightness	BS EN 1751:2024	Class ATC 3 (old marking “C”)