

1.	Unique identification code of the product-type	SEDM-L
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 146/20
3.	Manufacturer	MANDÍK, a.s. Dobříšská 550, 26724 Hostomice, Czech Republic IČO 26718405, tel. +420 311 706 706 mandik@mandik.cz , www.mandik.com
5.	System of AVCP	System 1
6.	Harmonised standard	EN 12101-8:2011
	Notified body	Notified body No. 1391 PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek, Czech Republic
	Output documents of the notified body	Certificate of Constancy of Performance No. 1391-CPR-2024/0041 Assessment Report of Construction Product Performance No. P-1391-CPR-2024/0041

7a.	Declared performances – fire resistance classification Essential characteristics in accordance with EN 12101-8:2011, art. 4.1.1	
<i>Fire separating construction, damper location</i>	<i>Installation type, installation system</i>	<i>Performance – class of fire resistance</i>
Horizontal or vertical smoke extraction ducts - into/onto the duct	Connection to single or multi compartment smoke extraction ducts tested according to EN 1366-8 or EN 1366-9 ¹⁾	EI 120 (v _{ed} i↔o) S1000C _{mod} HOT 400/30MAmulti
Solid wall construction - damper in the wall - 100 mm min. wall thickness	Fire batt/Ablative coated batt ^{1),2)}	EI 120 (v _{ew} i↔o) S1000C _{mod} HOT 400/30MAmulti
	Mortar or gypsum ^{1),2)}	EI 90 (v _{ew} i↔o) S1000C _{mod} HOT 400/30MAmulti
Solid wall construction - damper in the wall - 100 mm min. wall thickness - application as a shaft wall	Fire batt/Ablative coated batt ^{1),2)}	EI 120 (v _{ed} i↔o) S1000C _{mod} HOT 400/30MAmulti
	Mortar or gypsum ^{1),2)}	
Gypsum plasterboard wall construction - damper in the wall - 100 mm min. wall thickness - application as a wall or a shaft wall	Fire batt/Ablative coated batt ^{1),2)}	EI 120 (v _{edw} i↔o) S1000C _{mod} HOT 400/30MAmulti
Shaftwall construction - type Gypwall - damper in the wall - wall thickness min. 107 mm - application as a wall or as a shaft wall	Mortar or gypsum ¹⁾	EI 120 (v _{edw} i↔o) S1000C _{mod} HOT 400/30MAmulti
Solid ceiling construction - damper in the ceiling - 150 mm min. ceiling thickn. - application as a shaft floor	Mortar or gypsum ¹⁾	EI 120 (h _{od} i↔o) S1000C _{mod} HOT 400/30MAmulti

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 – other essential characteristics		
Essential characteristics in accordance with EN 12101-8:2011, art. 4.1.1		
<i>Essential characteristics</i>	<i>Requirements (provisions of the harmonised standard EN 12101-8:2011)</i>	<i>Performance (lever or class) / Compliance with the requirements</i>
Nominal activation conditions/sensitivity	4.2.1.3	Conforms
Response delay (response time)	4.2.1.4	AA/MA - Conforms
Operational reliability	4.4.2.2	C _{mod} – conforms
Fire resistance – integrity (E)	4.1.1 a)	E – conforms
Fire resistance – insulation (I)	4.1.1 b)	EI – conforms
Fire resistance – smoke leakage (S)	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} - Belimo actuators (BEN/BEE/BE) connected with MDCM control modules ³⁾ : 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, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

In Hostomice, 2025-01-02


Mgr. Jan Mičan
CEO, Ppa
MANDÍK, a.s.

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