

1.	Unique identification code of the product-type	FDMS-VAV
2.	Products	Dampers – Fire dampers
	Intended use	Fire safety. To be used in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations.
	Technical documentation – product information, instruction for installation and maintenance, safety information	Technical specifications TPM 125/17
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.	Harmonised standard	EN 15650:2010
	Notified body	Notified body No. 1391 PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek
	Output documents of the notified body	Certificate of Constancy of Performance No. 1391-CPR-2020/0131 Assessment Report of Performance of Construction Product No. P-1391-CPR-2020/0131

7a.	Declared performances – fire resistance classification Essential characteristics in accordance with EN 15650:2010, art. 4.1.1	
<i>Fire separating construction, location of the damper</i>	<i>Installation type, installation system</i>	<i>Performance – class of fire resistance</i>
Solid wall construction – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum, including installation flange to flange, including installation next to wall or ceiling ¹⁾	EI 90 (v _e i↔o) S E 120 (v _e i↔o) S
	Fire protection mastic, including installation flange to flange, including installation next to wall or ceiling ¹⁾	
	Stone wool + fire protection mastic, including installation flange to flange, including installation next to wall or ceiling ¹⁾	
	Glass fiber tissue + fire protection mastic, including installation flange to flange, including installation next to wall or ceiling ¹⁾	
Solid wall construction – damper outside the wall – 100 mm min. wall thickness	Insulation of the duct with stone wool – mortar or gypsum ¹⁾	EI 60 (v _e i↔o) S E 120 (v _e i↔o) S
	Insulation of the duct with stone wool – fire protection mastic ¹⁾	
	Insulation of the duct with stone wool – stone wool + fire protection mastic ¹⁾	
	Insulation of the duct with stone wool – glass fiber tissue + fire protection mastic ¹⁾	

(table continues)

1) Refer to [Technical documentation](#) for the details of the installation type / installation system.

(continuation of the table)

<i>Fire separating construction, location of the damper</i>	<i>Installation type, installation system</i>	<i>Performance – class of fire resistance</i>
Gypsum plasterboard wall construction – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum, including installation flange to flange, including installation next to wall or ceiling ¹⁾	EI 90 (v _e i↔o) S E 120 (v _e i↔o) S
	Fire protection mastic, including installation flange to flange, including installation next to wall or ceiling ¹⁾	
	Stone wool + fire protection mastic, including installation flange to flange, including installation next to wall or ceiling ¹⁾	
	Glass fiber tissue + fire protection mastic, including installation flange to flange, including installation next to wall or ceiling ¹⁾	
Gypsum plasterboard wall construction – damper outside the wall – 100 mm min. wall thickness	Insulation of the duct with stone wool – mortar or gypsum ¹⁾	EI 60 (v _e i↔o) S E 120 (v _e i↔o) S
	Insulation of the duct with stone wool – fire protection mastic ¹⁾	
	Insulation of the duct with stone wool – stone wool + fire protection mastic ¹⁾	
	Insulation of the duct with stone wool – glass fiber tissue + fire protection mastic ¹⁾	
Sandwich wall construction – damper in the wall – 100 mm min. wall thickness	Fire protection mastic ¹⁾	EI 45 (v _e i↔o) S E 90 (v _e i↔o) S
	Stone wool + fire protection mastic ¹⁾	
	Glass fiber tissue + fire protection mastic ¹⁾	
Sandwich wall construction – damper outside the wall – 100 mm min. wall thickness	Insulation of the duct with stone wool – fire protection mastic ¹⁾	EI 60 (v _e i↔o) S
	Insulation of the duct with stone wool – stone wool + fire protection mastic ¹⁾	
	Insulation of the duct with stone wool – glass fiber tissue + fire protection mastic ¹⁾	
Solid ceiling construction – damper in the ceiling – ceiling thickness – min. 110 mm for concrete – min. 125 mm for aerated concrete	Mortar or gypsum, including installation flange to flange, including installation next to wall ¹⁾	EI 60 (h _o i↔o) S
	Fire protection mastic, including installation flange to flange, including installation next to wall ¹⁾	
	Stone wool + fire protection mastic, including installation flange to flange, including installation next to wall ¹⁾	
	Glass fiber tissue + fire protection mastic, including installation flange to flange, including installation next to wall ¹⁾	
Solid ceiling construction – damper outside the ceiling – ceiling thickness – min. 110 mm for concrete – min. 125 mm for aerated concrete	Mortar or gypsum ¹⁾	EI 60 (h _o i↔o) S E 120 (h _o i↔o) S
	Fire protection mastic ¹⁾	
	Stone wool + fire protection mastic ¹⁾	
	Glass fiber tissue + fire protection mastic ¹⁾	
	Installation frame E1 ¹⁾	

1) Refer to [Technical documentation](#) for the details of the installation type / installation system.

7b. Declared performances – other essential characteristics		
<i>Essential characteristics</i>	<i>Requirements (provisions of the harmonised standard EN 15650:2010)</i>	<i>Performance (lever or class) / Compliance with the requirements</i>
Nominal activation conditions/sensitivity:	4.2.1.2	Conforms
– sensing element load bearing capacity	4.2.1.2.2	Conforms
– sensing element response temperature	4.2.1.2.3	Conforms
Response delay (response time): – closure time	4.2.1.3	Conforms
Operational reliability: – cycling	4.3.1, a)	50 cycles – conforms
Durability of response delay: – sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	Conforms
Durability of operational reliability: – opening and closing cycle tests	4.3.3.2	10 000 +10 000 cycles – conforms

7c. Declared performances – other characteristics		
<i>Characteristics</i>	<i>Technical standard</i>	<i>Performance (lever or class) / Compliance with the requirements</i>
Resistance against corrosion	EN 15650:2010, art. 4.2.2 EN 15650:2010, Annexe B	Conforms
Damper blade tightness	EN 1751:2014	Class 2
Damper casing tightness	EN 1751:2014	Class C

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, 20 August 2020



Marcel Mandík
CEO
MANDÍK, a.s.