

1.	Unique identification code of the product-type	FDMQ
2.	Products	Fire dampers
	Intended use	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 103/14
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-2024/0009 Assessment Report of Performance of Construction Product No. P-1391-CPR-2024/0009

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 ¹⁾	EI 90 (v _e i→o) S
	Battery – mortar or gypsum ¹⁾	
	Installation next to the wall – mortar or gypsum + mineral wool ¹⁾	
	Mineral wool with fire-resistant coating and calcium silicate boards ¹⁾	
	Installation frame E1, E2, E4 ¹⁾	
Solid wall construction – damper remote from the wall – 100 mm min. wall thickness	Weichschott/Ablative coated batt ^{1),2)}	EI 90 (v _e i→o) S
	Insulation of the duct with calcium silicate boards – installation frame E6 ¹⁾	
	Insulation of the duct with mineral wool - mineral wool with fire-resistant coating and calcium silicate boards ¹⁾	EI 60 (v _e i→o) S
	Insulation of the duct with mineral wool - mortar or gypsum ¹⁾	
	Insulation of the duct with mineral wool - Weichschott/Ablative coated batt ¹⁾	

(table continues)

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

2) Materials of the fire-resistant panel and paint may be replaced by a similar approved system of the equivalent performance.

(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 ^{1]}	EI 90 (v _e i→o) S
	Battery – mortar or gypsum ^{1]}	
	Installation next to the wall – mortar or gypsum + mineral wool ^{1]}	
	Mineral wool with fire-resistant coating and calcium silicate boards ^{1]}	
	Installation frame E1, E3 ^{1]}	
	Weichschott/Ablative coated batt ^{1],2]}	
Gypsum plasterboard wall construction – damper remote from the wall – 100 mm min. wall thickness	Insulation of the duct with mineral wool - Mineral wool with fire-resistant coating and calcium silicate boards ^{1]}	EI 90 (v _e i→o) S
	Insulation of the duct with mineral wool - mortar or gypsum ^{1]}	EI 60 (v _e i→o) S
	Insulation of the duct with mineral wool - Weichschott/Ablative coated batt ^{1]}	
Sandwich wall construction – damper in the wall – 100 mm min. wall thickness	Ruukki SPB W – Weichschott/Ablative coated batt and calcium silicate boards ^{1]}	EI 90 (v _e i→o) S
	Paroc AST S – Weichschott/Ablative coated batt and calcium silicate boards ^{1]}	
Solid ceiling construction – damper in the ceiling – ceiling thickness – min. 110 mm for concrete – min. 125 mm for aerated concrete	Mortar or gypsum ^{1]}	EI 90 (h _o i→o) S
	Battery – mortar or gypsum ^{1]}	
	Mineral wool with fire-resistant coating and calcium silicate boards ^{1]}	
	Installation frame E1, E2, E4 ^{1]}	
	Weichschott/Ablative coated batt ^{1],2]}	
Solid ceiling construction – damper remote from the ceiling – ceiling thickness – min. 110 mm for concrete – min. 125 mm for aerated concrete	Insulation of the duct with mineral wool + mortar or gypsum ^{1]}	EI 90 (h _o i→o) S
	Concrete ^{1]}	
	Concrete with installation frame E4 ^{1]}	
	Insulation of the duct with calcium silicate boards – installation frame E6 ^{1]}	
Thin shaft construction ^{1]}	Mortar or gypsum ^{1]}	EI 90 (v _e i→o) S
	Installation frame E1 ^{1]}	

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

2] Materials of the fire-resistant panel and paint may be replaced by a similar approved system of the equivalent performance.


7b. Declared performances – essential characteristics Essential characteristics in accordance with EN 15650:2010, art. 4.1.1		
<i>Essential characteristics</i>	<i>Requirements (provisions of the harmonised standard EN 15650:2010)</i>	<i>Performance (level 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):	4.2.1.3	Conforms
– closure time		
Operational reliability:	4.3.1, a)	50 cycles – conforms
– cycling		
Durability of response delay:	4.2.1.2.2	Conforms
– sensing element response to temperature and load bearing capacity	4.2.1.2.3	
Durability of operational reliability:	4.3.3.2	Dampers with control mechanisms
– opening and closing cycle tests		<ul style="list-style-type: none"> - manual Mandík M: NPD - Mandík MODULAR: C₃₀₀ - Belimo, Schischek: C_{10,000} - Gruner: C_{MOD}

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, 2024-02-02

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 Jan Mičan
 CEO, Ppa
 MANDÍK, a.s.

Declared performances – other characteristics		
<i>Characteristics</i>	<i>Technical standard</i>	<i>Performance (level or class) / Compliance with the requirements</i>
Resistance against corrosion	EN 15650:2010, art. 4.2.2 EN 15650:2010, Annexe B	Conforms
Application with no ducting	EN 1366-2:2015 art. 6.2.7	Conforms
Damper blade tightness	EN 1751:2014	Class 3
Damper casing tightness	EN 1751:2014	Class C

Additional provisions for use of the product in Austria

The product-type products meet also all requirements of ÖNORM H 6025 standard, cf. Assessment Report of Performance of Construction Product No. P-1391-CPR-2024/0009.