



PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek, Czech Republic
Notified Body 1391 Authorization No. ÚNMZ/SPR/012/4000/22-15 from 10th August 2022

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1391-CPR-2023/0030

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Product Regulation or CPR), this certificate applies to the construction product:

Smoke control damper SEDM-D

Smoke control dampers that are to be used in smoke control systems, in multi-compartment applications, either up to 600 °C or at fire temperatures

placed on the market under the name or trade mark of:

MANDÍK, a.s.
Dobříšská 550, 267 24 Hostomice, Czech Republic, 26718405

and produced in the manufacturing plant:

MANDÍK, a.s.
Dobříšská 550, 267 24 Hostomice, Czech Republic

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 12101-8:2011

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This Certificate was first issued on 3rd April 2023 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Prague 3rd April 2023



Ing. Jan Tripes
executive director – NB 1391

Technical parameters of the assessed product *)

Nominal cross section dimension range:	300 x 300 to 700 x 1100 mm (manual rearming) 350 x 385 to 700 x 1100 mm (with rearming motor):
Aerodynamic characteristics (EN 1751):	Leakage through the blade Class 3
Leakage through the blade:	Class 3 (underpressure 1500 Pa / overpressure 500 Pa)
Operational reliability:	C ₃₀₀
Classification (EN 13501-4):	EI 60 (v _{ed-i} ↔o) S1500C ₃₀₀ AAmulti EI 90 (v _{ed-i} ↔o) S1500C ₃₀₀ AAmulti EI 120 (v _{ed-i} ↔o) S1500C ₃₀₀ AAmulti

Assessed product performance

Essential characteristics	Requirement clauses in EN 12101-8	Findings
Nominal activation conditions/sensitivity	4.2.1.3	Conforms
Response delay (response time)	4.2.1.4	Start of closure/opening within the time period of 30 s Open/close within 60 s Conforms AA
Operational reliability	4.3.2.2	Conforms C ₃₀₀
Fire resistance		
– integrity	4.1.1 a), 4.4.1	E
– insulation	4.1.1 b), 4.4.1	EI
– smoke leakage	4.1.1 c), 4.4.1	EIS
– mechanical stability (under E)	4.1.1 d)	E
– maintenance of cross-section (under E)	4.1.1 e)	E
– high operational temperature	4.1.1 f), 4.4.1	NPD
Durability		
- of response delay	4.4.2.1	Conforms C300
- of operational reliability	4.4.2.2	

Detailed technical parameters and conditions of the final classification according to EN 13501-4:2016 are stated in the Assessment Report of Performance of the Construction product No. P-1391-CPR-2023/0030 of 3rd April 2023.




Ing. Jan Tripes
 executive director – NB 1391