



**PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek, Czech Republic**  
**Notified Body 1391 Authorization No. SPR/030/4000/24-12 from 16<sup>th</sup> July 2024**

# **CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**No. 1391-CPR-2025/0046**

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-2D**

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, ID. No. 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 17<sup>th</sup> April 2025 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 17<sup>th</sup> April 2025



**Jan TRIPES, MBA**  
executive director – NB 1391

**Technical parameters of the assessed product <sup>\*)</sup>**

Nominal cross section dimension range:	350×300 mm to 1105×1105 mm
Aerodynamic characteristics (EN 1751):	Leakage through the blade Class 3
Underpressure / overpressure:	up to -1500 Pa / +500 Pa
Classification (EN 13501-4):	EI 60 (ved) S1500[V]C <sub>300</sub> (N)AAmulti EI 90 (ved) S1500[V]C <sub>300</sub> (N)AAmulti EI 120 (ved) S1500[V]C <sub>300</sub> (N)AAmulti

**Assessed product performance**

Essential characteristics	Requirement clauses in EN 12101-8	Findings
Nominal activation conditions/sensitivity	4.2.1.3	Conforms 4.2.1.3
Response delay (response time)	4.2.1.4	Conforms 4.2.1.4
Operation reliability	4.3.2.2	C <sub>300</sub> , without load
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	ES EI-S
- mechanical stability (under E)	4.1.1 d)	-
- maintenance of the cross section (under E)	4.1.1 e)	-
- high operating temperature	4.1.1 f), 4.4.1	NPD
Durability - response delay	4.4.2.1	Conforms 4.4.2.1
Durability - operational reliability	4.4.2.2	C <sub>300</sub> , without load

<sup>\*)</sup> 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-2025/0046 of 17<sup>th</sup> April 2025.



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