



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-2024/0085

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 SEDS-L

**to be used in smoke control systems
in single compartment applications at temperatures up to 600 °C**

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 22nd December 2016 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

This Certificate replaces and cancels Certificate of Constancy of Performance No. 1391-CPR-2020/0187 of 8th December 2020 issued by NB 1391.

Prague 17. April 2024



Ing. Jan Tripes
executive director – NB 1391

Technical parameters of the assessed product *)

Nominal dimensions: Min: 200×200 mm, max: 1200×1200 mm

Construction length: 220 mm

Actuators:

– Belimo BLE/BEN (15 Nm), BEE (25 Nm), BE (40 Nm)

Aerodynamic characteristics in accordance with EN 1751:2014:

– Leakage through damper blade: **Class 3**

Under pressure / over pressure: up to **1500 Pa / 500 Pa**

Fire resistance classification in accordance with EN 13501-4:2016^{*)}:

E₆₀₀ 120 (v_{ed}-h_{od}-i↔o) S1500C_{mod}MAsingle

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 _{mod} , loaded
Fire resistance		
Fire resistance – integrity	4.1.1 a), 4.3.1	E ₆₀₀
Fire resistance – insulation	-	Not required
Fire resistance – smoke leakage	4.1.1 c), 4.3.1	E ₆₀₀ S
Fire resistance – mechanical stability (under E)	4.1.1 d)	E
Fire resistance – maintenance of the cross section (under E)	4.1.1 e)	E
Fire resistance – high operating temperature	4.1.1 f), 4.3.1	NPD
Durability - response delay	4.3.2.1	Conforms
Durability - operational reliability	4.3.2.2	C _{mod} , loaded

*) 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-2024/0085 of 17. April 2024.



Jan Tripes
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 executive director – NB 1391