



PAVUS, a.s.
Notified Body No. 1391
Prosecká 412/74, 190 00 Praha 9 - Prosek
Decision No. 27/2013-CPR of 13th December 2013

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1391-CPR-2016/0143

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

Smoke control damper SEDS-R

E₆₀₀ 120 (v_e-i↔o) S1500C₁₀₀₀₀ MAsingle

Smoke control dampers that are to be used in smoke control systems, either at 600 °C or under fire conditions.

placed on the market under the name or trade mark of

MANDÍK, a.s.

Dobříšská 550, 267 24 Hostomice, Czech republic, ID 26718405

and produced in the manufacturing plant:

MANDÍK, a.s.

Dobříšská 550, 267 24 Hostomice, Czech Republic

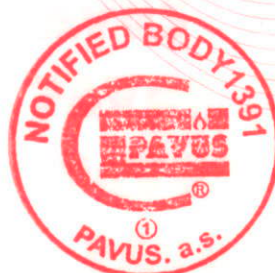
This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

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 10th October 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Prague, 10th October 2016




Jaroslav Dufek
Managing Director PAVUS, a.s.
Notified Body No.1391

Technical parametres of the product *)

External dimension of the element: circular from min. diameter 100 mm to max. 630 mm
 Construction length: 220 mm
 Starting devices and drives: - Belimo
 Material versions: - galvanized sheet metal,
 - stainless sheet metal,
 - painted sheet metal.

Leak tightness of the damper according to EN 1751:
 - over blade min. class 4, diameter 100 mm class 3

The classification according to EN 13501-4:2007+A1:2009 *):

E₆₀₀ 120 (v_e-i↔o) S1500C₁₀₀₀₀MAsingle

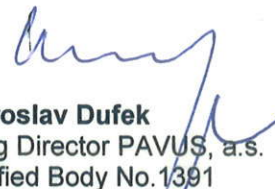
Assessing product performances

Essential characteristics	Requirement clauses in EN 12101-8	Findings	Conformity Assessment
Nominal activation conditions/sensitivity	4.2.1.3	Closure/opening during the test in right time during right period.	Conforms
Response delay(response time)	4.2.1.4	< 60 s	Conforms
Operational reliability	4.3.2.2	C 10 000	Conforms
Fire resistance			
- integrity (E)	4.1.1 a), 4.3.1	E ₆₀₀ 120 < 360 m ³ /(h.m ²)	Conforms
- insulation (EI)	-	For single compartment dampers is not required/declared.	-
- smoke leakage (ES)	4.1.1 c), 4.3.1	E ₆₀₀ S 120 < 200 m ³ /(h.m ²)	Conforms
- mechanical stability (under E)	4.1.1 d)	120 min	Conforms
- maintenance of cross-section (under E)	4.1.1 e)	120 min	Conforms
- high operational temperature	4.1.1 f), 4.3.1	No performance determined	NPD
Durability			
- of response delay	4.3.2.1	< 60 s	Conforms
- of operational reliability	4.3.2.2	C 10 000, < 120 s	Conforms

*) Detailed technical parametres and conditions of final classification according to EN 13501-4:2007+A1:2009 are stated in the Assessment Report of performance of the construction product No. P-1391-CPR-2016/0143 of 10th October 2016.


1391 MANDIK a.s., Dobříšská 550, 267 24 Hostomice, Czech republic 16 1391 – CPR - 2016/0143
EN 12101-8:2011 Single compartment smoke control damper type/model: Smoke control damper SEDS-R
E ₆₀₀ 120 (v _e -i↔o) S1500C ₁₀₀₀₀ MAsingle




Jaroslav Dufek
 Managing Director PAVUS, a.s.
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