



PAVUS, a.s.
Notified Body No. 1391
Prosecká 412/74, 190 00 Praha 9 - Prosek
Decision No. 6/2016-CPR of 25th January 2017

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1391-CPR-2017/0085

In compliance with Regulation 305/2011/EU of European Parliament and of the Council of 9 March 2011 (the Construction Product regulation or CPR), this certificate applies to the construction product:

Single compartment smoke extraction duct, type VL-F

E₆₀₀ 120 (v_e-h_o) S1500single

Single compartment smoke control duct sections that are to be used in smoke control systems at 600 °C.

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

AEROPRODUKT ZRT.
Szegedi út 1., HU-6640 Csongrád, Hungary

and produced in the manufacturing plant:

AEROPRODUKT ZRT.
Szegedi út 1., HU-6640 Csongrád, Hungary

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

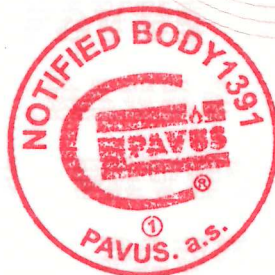
EN 12101-7:2011

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 23th March 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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-2016/0048 of 23th March 2016 issued by NB 1391.

Prague, 5th June 2017




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

Technical parameters of the product *)

External dimension of the element: rectangular duct with max. dimensions (1 250 x 1 000) mm
 Material versions: galvanized sheet metal thickness 0,9 mm, quality: DX51D + Z275MAC
 Penetration seals: mineral wool thickness 50 mm
 It is valid for duct with max. underpressure to -1 500 Pa to max. overpressure to +500 Pa
 The classification according to EN 13501-4:2007+A1:2009 *):

E₆₀₀ 120 (v_e-h_o) S1500single

Accessories of the duct

WSK	compensator
CSD-F	grill
FKN	mounting frame

Essential characteristics

Essential characteristics	Requirement clauses in EN 12101-7	Findings	Conformity Assessment
Fire resistance			
- integrity (E)	4.1.2 a), 4.4.1	E ₆₀₀ vertical = 4,5 m ³ /h.m ² /horizontal = 4,9 m ³ /h.m ² < limit 10 m ³ /h.m ²	Conforms
- insulation	no requirement	For single compartment smoke extraction duct is not declared.	-
- smoke leakage (ES)	4.1.2 b), 4.4.1	E _{600S} 4,5 /4,9 m ³ /h.m ² < limit 5 m ³ /h.m ²	Conforms
- mechanical stability (under E)	4.1.2 c)	vertical = 132 minutes/horizontal = 132 minutes, no failure	Conforms
- maintenance of cross-section (under E)	4.1.2 d)	132/132 minutes, no failure	Conforms

*) Detailed technical parameters 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-2017/0085 of 5th June 2017.



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Ing. Jaroslav Dufek
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 Notified Body No.1391