



**PAVUS, a.s.**  
Notified Body 1391  
Prosecká 412/74, 190 00 Praha 9 – Prosek  
Authorization No. ÚNMZ/SPR/106/4000/18-7 from 20<sup>th</sup> November 2018

# **CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**No. 1391-CPR-2021/0042**

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 Lindab SDR-S**

### **Intended use of the product in the building:**

Smoke control damper that is 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:

**Lindab Ventilation AB**  
Stålhögavägen 115, 269 82 Båstad, Sweden, ID SE556026158701

and produced in the manufacturing plant:

**ID 26718405**

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 26<sup>th</sup> March 2021 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 26<sup>th</sup> March 2021



  
**Ing. Jan Tripes**  
executive director – NB 1391

### Technical parameters of the assessed product \*)

External dimension of the element: min. (180 × 180) mm, max. (1 600 × 1 000) mm

Construction length: 450 mm

Starting devices and drives: Belimo  
Schischek

Material versions: galvanized sheet metal  
stainless sheet metal  
painted sheet metal

Underpressure 1000 Pa, overpressure 500 Pa

Leak tightness of the damper according to EN 1751: leakage through blade – min. class 2  
case leakage - min. class C

Classification according to EN 13501-4:2016 †):

**E<sub>600</sub> 90 (v<sub>ed</sub> - i↔o) S1000C<sub>300</sub>AAsingle**

### Assessed product performance

Essential characteristics	Requirement clauses in EN 12101-8	Findings	Conformity Assessment
Nominal activation conditions/sensitivity	cl. 4.2.1.3	Closing / opening during the test at the right time	Conforms
Response delay (response time)	cl. 4.2.1.4	< 60 s	Conforms
Operational reliability	cl. 4.3.2.2	C300	Conforms
Fire resistance – integrity	cl. 4.1.1 a)	E <sub>600</sub> 90 < 360 m <sup>3</sup> /(h.m <sup>2</sup> )	Conforms
Fire resistance – insulation	cl. 4.1.1 b)	For single compartment dampers not required/declared	–
Fire resistance – smoke leakage	cl. 4.1.1c)	E <sub>600</sub> 90 S1000 < 200 m <sup>3</sup> /(h.m <sup>2</sup> )	Conforms
Fire resistance – mechanical stability (under E)	cl. 4.1.1 d)	90 min	Conforms
Fire resistance – maintenance of cross-section (under E)	cl. 4.1.1 e)	90 min	Conforms
Fire resistance – high operational temperature	cl. 4.1.1 f)	NPD	NPD
Durability of response delay	cl. 4.3.2.1	< 60 s	Conforms
Durability of operational reliability	cl. 4.3.2.2	C300 < 120 s	Conforms

\*) 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-2021/0042 of 26<sup>th</sup> March 2021.



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