



Declaration of Performance No. 1391-CPR-2021/0046

1. Unique identification code of the product-type	SDJR-M
2. Product Intended use/es	Rectangular Smoke Control Damper Smoke control dampers that are to be used in multi compartment smoke control systems, either at 600 °C or under fire conditions
3. Manufacturers	ID 26718405
5. System/s of AVCP	System 1
6a. Harmonised standard	EN 12101-8:2011
6a. Notified body	Notified body No. 1391 PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek
6b. European Assessment Document	1391-CPR-2021/0046
7. Declared performance/s	See table below.

7a. Declared performances – fire resistance classification.

Essential characteristics in accordance with EN 12101-8:2011.

Fire separating construction, location of the damper	Installation type Installation System	Performance - Class of fire resistance
Horizontal or vertical smoke extraction ducts - Into/onto the duct.	Connection to single or multi compartment smoke extraction ducts tested according to EN 1366-8 or EN 1366-9	EI 120 (V _{ed} i↔o) S1000C _{mod} HOT 400/30MAmulti
Solid wall construction - damper in the wall - 100 mm min. wall thickness	Fire batt / Ablative Coated Batt	EI 120 (V _{ew} i↔o) S1000C _{mod} HOT 400/30MAmulti
	Ablative Coated Batt	EI 90 (V _{ew} i↔o) S1000C _{mod} HOT 400/30MAmulti
Solid wall construction - damper in the wall - 100 mm min. wall thickness - application as a shaft wall	Fire batt / Ablative coated batt	EI 120 (V _{ed} i↔o) S1000C _{mod} HOT 400/30MAmulti
	Mortar or gypsum	
Gypsum plasterboard wall construction - damper in the wall - 100 mm min. wall thickness - application as a wall or a shaft wall	Fire batt / Ablative coated batt	EI 120 (V _{edw} i↔o) S1000C _{mod} HOT 400/30MAmulti
Shaftwall construction - type Gypwall - damper in the wall - wall thickness min. 107 mm - application as a wall or as a shaft wall	Mortar or gypsum	EI 120 (V _{edw} i↔o) S1000C _{mod} HOT 400/30MAmulti
Solid ceiling construction - damper in the ceiling - 150 mm min. ceiling thckn. - application as a shaft floor	Mortar or gypsum	EI 120 (h _{od} i↔o) S1000C _{mod} HOT 400/30MAmulti

7. Declared performance/s

Essential characteristic	Requirement clauses in EN 12101-8:2011	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 (AA/MA)	Conforms
Operational reliability	cl. 4.4.2.2	C _{mod}	Conforms
Fire resistance – integrity	cl. 4.1.1 a)	E	Conforms
Fire resistance – insulation	cl. 4.1.1 b)	EI	Conforms
Fire resistance – smoke leakage	cl. 4.1.1 c)	EIS	Conforms
Fire resistance – mechanical stability	cl. 4.1.1 d)	120/90 min	Conforms
Fire resistance – maintenance of cross-section	cl. 4.1.1 e)	120/90 min	Conforms
Fire resistance – high operational temperature	cl. 4.1.1 f)	HOT 400/30	Conforms
Durability of response delay	cl. 4.4.2.1	< 60 s	Conforms
Durability of operational reliability	cl. 4.4.2.2	C _{mod} < 120 S	Conforms

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the supplier by:

Authorised person:
Greger Juhlin
Strategic Program Manager
2024-04-23 Grevie, Sweden

 **Lindab**[®]
Lindab Ventilation AB
SE-269 82 Båstad
Phone +46 431 850 00

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