



## Declaration of Performance No. 1391-CPR-2021/0044

1. Unique identification code of the product-type	SDR2-M
2. Intended use/es	Rectangular Smoke Control Damper  Smoke control damper that is used in smoke control systems, in multi-compartment applications, either up to 600°C or at fire temperatures.
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-2021/0044
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 duct	Overlying cement lime plates	EI 120 (h <sub>od</sub> -V <sub>ed</sub> i↔o) S1000CmodHOT 400/30MAmulti EI 120 (h <sub>od</sub> -V <sub>ed</sub> i↔o) S1000CmodHOT 400/30AAmulti
Solid wall construction – damper in the wall – 100 mm min. wall thickness for aerated concrete	Mineral wool: Including assembly of dampers side by side	EI 120 (V <sub>ew</sub> i↔o) S1000CmodHOT 400/30AAmulti
	Weichschott / Ablative Coated Batt	EI 120 (V <sub>ew</sub> i↔o) S1500CmodHOT 400/30MAmulti EI 90 (V <sub>ew</sub> i↔o) S1500CmodHOT 400/30AAmulti
	Mortar or gypsum: Including assembly of dampers side by side	EI 90 (V <sub>ew</sub> i↔o) S1500CmodHOT 400/30MAmulti EI 90 (V <sub>ew</sub> i↔o) S1500CmodHOT 400/30AAmulti EI 120 (V <sub>ew</sub> i↔o) S1000CmodHOT 400/30AAmulti
	Ceramic paper: Including assembly of dampers side by side	EI 120 (V <sub>ew</sub> i↔o) S1000CmodHOT 400/30AAmulti
Gypsum plasterboard wall construction – damper in the wall – 100 mm min. wall thickness	Mineral wool: Including assembly of dampers side by side	EI 90 (V <sub>ew</sub> i↔o) S1500CmodHOT 400/30MAmulti EI 90 (V <sub>ew</sub> i↔o) S1500CmodHOT 400/30AAmulti EI 120 (V <sub>ew</sub> i↔o) S1000CmodHOT 400/30AAmulti
	Mortar or gypsum: Including assembly of dampers side by side	
	Weichschott / Ablative Coated Batt: Including assembly of dampers side by side	EI 120 (V <sub>ew</sub> i↔o) S1500CmodHOT 400/30MAmulti EI 120 (V <sub>ew</sub> i↔o) S1500CmodHOT 400/30AAmulti
Solid ceiling construction – damper on the ceiling – min. wall thickness 110 mm for concrete, 125 mm for aerated concrete	Ceramic paper, plating	EI 90(h <sub>ow</sub> i↔o) S1000CmodHOT 400/30AAmulti
Solid ceiling construction – damper in the ceiling – min. wall thickness 150 mm for concrete, 125 mm for aerated concrete	Mineral wool	EI 120 (h <sub>ow</sub> i↔o) S1500CmodHOT 400/30MAmulti
	Mortar or gypsum	EI 120 (h <sub>ow</sub> i↔o) S1500CmodHOT 400/30AAmulti
	Weichschott / Ablative Coated Batt	EI 120 (h <sub>ow</sub> i↔o) S1500CmodHOT 400/30AAmulti
Solid ceiling construction – damper in the ceiling – min. wall thickness 110 mm for concrete, 125 mm for aerated concrete	Mineral wool	EI 90 (h <sub>ow</sub> i↔o) S1500CmodHOT 400/30MAmulti
	Mortar or gypsum	EI 90 (h <sub>ow</sub> i↔o) S1500CmodHOT 400/30AAmulti
	Weichschott / Ablative Coated Batt	EI 90 (h <sub>ow</sub> i↔o) S1500CmodHOT 400/30AAmulti





7b. Declared performance/s			
Essential characteristic	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. 4.4.2.2	C10000, C <sub>mod</sub>	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)	Conforms	Conforms
Fire resistance – maintenance of cross-section	cl. 4.1.1 e)	Conforms	Conforms
Fire resistance – high operational temperature	cl. 4.1.1 f)	HOT 400/30	Conforms
Durability of response delay	cl. 4.4.2.1	Conforms	Conforms
Durability of operational reliability	cl. 4.4.2.2	Conforms	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

