

DECLARATION OF PERFORMANCE (DoP)

No. 10038-SSC-2019/01/01

1. Unique identification code of the product type:

Halton Sec Stable Circular (SSC)

**Smoke control damper, fire resistance class:
EI 120 (view - how - i ↔ o) S1500C₁₀₀₀₀ AAmulti**

2. Intended use:

Smoke control dampers that are to be used in smoke and heat control systems in multi compartment applications at temperatures up 600°C or under fire conditions.

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

**Halton Oy
Haltonintie 1-3
47400 Kausala
FINLAND
Tel. +358 (0)20792 200
Code: Hal 26724**

4. System of AVCP:

**System 1
See Regulation (EU) No. 305/2011 (CPR) Annex V, 1.2.**

5. Harmonised standard:

EN 12101-8:2011

6. Notified body:

**Notified body No. 1391
PAVUS, a.s.
Prosecká 412/74, 19000 Praha 9-Prosek
CE certificate of Constancy of Performance No: 1391-CPR-2018/0208**

7. Declared performance/s of Halton Sec Stable Circular (SSC)

Essential characteristics	Requirements of EN 12101-8	Findings ¹⁾	Conformity Assessment
Nominal activation conditions/sensitivity	4.2.1.3	Comply with EN 12101-8, 4.2.1.3	Conforms
Response delay (response time)	4.2.1.4	< 60 s, according to EN 12101-8, 4.2.1.4	Conforms
Operational reliability	4.3.2.2	C 10 000	Conforms ²⁾
Fire resistance			
- Integrity (E)	4.1.1, a), 4.4.1	E < 360 m ³ / (h.m ²)	Conforms
- Insulation (EI)	4.1.1, b), 4.4.1	EI	Conforms
- Smoke leakage (ES)	4.1.1, c), 4.4.1	EIS < 200 m ³ / (h.m ²)	Conforms
- Mechanical stability (under E)	4.1.1, d)	E – requirements fulfilled	Conforms
- Maintenance of the cross section (under E)	4.1.1, e)	E – requirements fulfilled	Conforms
- High operational temperature	4.1.1, f), 4.4.1	-	NPD
Durability			
- of response delay	4.4.2.1	< 60 s	Conforms
- of operational reliability	4.3.2.2	C 10 000, response time < 120 s	Conforms ²⁾

¹⁾ Detailed technical parameters, fire classification and conditions of final classification according to EN 13501-4:2016 are stated in the certification report no: P-1391-CPR-2018/0208 of 29th October 2018.

²⁾ On the request of the producer the cycling test was performed without a load, therefore the damper can change position only before initiation of exhaustion.

8. The performance of the product identified in point 1 is in conformity with the set of declared performance/s.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 (CPR), under the sole responsibility of the manufacturer identified in point 3.

Copy of Declaration of Performance (DoP) for Halton Sec Stable Circular (SSC) is available on website:

www.halton.com

Signed for and on behalf of the manufacturer by:

Raimo Parkkila – Manager, System and Product Development

Kausala, 1st of January 2019

