

DECLARATION OF PERFORMANCE (DoP)

No. 10033-ESC-2019/01/01

1. Unique identification code of the product type:

Halton Exe Sturdy Circular (ESC)

**Fire damper, fire resistance classes up to
EI 120 (v_e h_o i<->o) S**

2. Intended use:

To be used on in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations.

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 15650: 2010

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-2018/0202**

7. Declared performance/s of Halton Exe Sturdy Circular (ESC)

Essential characteristics	Requirements of EN 15650	Findings	Conformity Assessment
Nominal activation conditions/sensitivity:	4.2.1.2	Comply with EN 15650, 4.2.1.2	
- sensing element load bearing capacity	4.2.1.2.2	Comply with EN 15650, 5.2.5, ISO 10294-4:2001, 4.2	Conforms
- sensing element response temperature	4.2.1.2.3	Comply with EN 15650, 5.2.5, ISO 10294-4:2001, 4.2	Conforms
Response delay (response time): - closure time	4.2.1.3	< 2 min, according to EN 15650, 5.2.4, EN 1366-2, 10.4.6	Conforms
Operational reliability: - cycling	4.3.1, a)	50 cycles performed prior to test	Conforms
Fire resistance			
- Integrity	4.1.1, a)	E	Conforms
- Insulation	4.1.1, b)	EI	Conforms
- Smoke leakage	4.1.1, c)	ES/EIS	Conforms
- Mechanical stability (under E)	4.1.1, a)	-	NPD
- Maintenance of the cross section (under E)	4.1.1, a)	-	NPD
Durability of response delay: - sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	Requirements on sensing element fulfilled according to EN 15650, 4.2.1.2	Conforms
Durability of operational reliability: - open and closing cycle tests	4.3.3.2	Cycling test performed (10 000+100+100 cycles) according to EN 15650, Annex C.3.2	Conforms
Other characteristics			
Resistance against corrosion	4.2.2 Annex B	Salt spray exposure test (EN 60068-2-52) – no corrosion occurred	Conforms

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 Exe Sturdy Circular (ESC) is available on website:

www.halton.com

Signed for and on behalf of the manufacturer by:

Raimo Parkkila – Manager, System and Product Development

Kausala, 01.01.2019

