

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0809 - CPR - 1158

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Fire dampers FDI, FDT, FDC, FDR, FDV, FDS and FDE

used in heating, ventilating and air conditioning installations in round or rectangular ducts for fire/smoke compartmentation with the property profiles given on page 2

produced by

Halton Oy
Haltonintie 1-3
FI-47400 Kausala

and produced in the manufacturing plant

Halton Oy
FI-47400 Kausala.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 15650:2010

under system 1 for the performances set out in this certificate are applied and that

the construction products fulfil all the prescribed requirements for these performances.

This certificate was first issued on October 29, 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

Espoo October 29, 2015



Tiina Tirkkonen
Product Manager



Matti Immonen
Lead Assessor

Product	Fire resistance	Operational reliability		Damper casing leakage
		<i>Motor operated</i> (EN 15650, C 3.2)	<i>Manually operated</i> (EN 15650, C 3.1)	
FDI	E 90 (h _o) S C 50 *EI 60 (v _e - h _o) S C 50	10 000 cycles	100 cycles	C
FDT	*E 90 (v _e) C 50 *E 60 (v _e) S C 50 E 180 (h _o) S C 50 *EI 60 (v _e - h _o) S C 50	10 000 cycles	100 cycles	C
FDC	*EI 120 (v _e - h _o) S C 50	10 000 cycles	100 cycles	C
FDR	*EI 120 (v _e - h _o) S C 50	10 000 cycles	100 cycles	C
FDV	*E 120 (v _e - h _o) S C 50 *EI 15 (v _e) S C 50 EI 30 (h _o) S C 50		100 cycles	C
FDS	*E 90 (v _e) C 50 *E 60 (v _e - h _o) S C 50 EI 15 (h _o) S C 50	10 000 cycles	100 cycles	C
FDE	*E 120 (v _e) C 50 *E 90 (v _e) S C 50 *EI 15 (v _e) S C 50	(EN 15650, C 3.3)	100 cycles	C
		10 000 cycles, 0-90° and 45-60°		

*Also flexible wall