

EC DECLARATION OF PERFORMANCE

RAM-F-024 B

Fire Shield DWFX-F fire damper

Fire Shield DWFX-C fire damper

Fire Shield I/F fire damper

Complying with the following EU Regulation:
305/2011/EEC : Construction Products Regulation

Swegon Air Management LTD
Actionair, South Street, Whitstable, Kent CT5 3DU

System 1

BRE Global Limited - NB0832

Performed the determination of the product type on the basis of type testing (including sampling), and the initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory control under system 1 and issued the certificate of constancy of conformity of the factory production control (0832-CPR-P0001)

Declared performance according to:
BS EN 15650 'Ventilation for buildings: Fire Dampers'

REQUIRED PERFORMANCES ACCORDING TO BS EN 15650:2010

Fire resistance according to EN 1366-2 and classifications according to EN 13501-3:

RANGE	TYPE	WALL / FLOOR	CLASSIFICATION
100-1250mm X 100-1000mm	Fire Shield I/F (AAF10701 or AAF8018)	Floor	E120(ho i↔o) - (300Pa)
100-1250mm X 100-1000mm	Fire Shield I/F (AAF10703 Sheets 1 & 2)	Rigid Wall	E120(ve i↔o) - (300Pa)
100-1250mm X 100-1000mm	Fire Shield DWFX-F (AAF10705, AAF10707 AAF10711, AAF10713, AAF11949)	Flexible & rigid Wall	E120(ve i↔o) - (300Pa)
100-1250mm X 100-1000mm	Fire Shield DWFX-C (AAF10709)	Flexible Wall	E120(ve i↔o) - (300Pa)

Nominal activation conditions/sensitivity according to ISO 10294-4

- Sensing element - Response behaviour
- Sensing element - Faulty set-off

Pass

Response delay (response time) according to EN 1366-2:

- closure time

Pass

Operational reliability according to EN 1366-2:

- cycling

Pass

Durability of response delay according to EN 1366-2:

- sensing element response temperature and load bearing capacity

Pass

Durability of operational reliability according to 1366-2:

- open and closing cycle

50 cycles - passed

OPTIONAL PERFORMANCES ACCORDING TO EN 15650 AND NATIONAL REQUIREMENTS

Protection against corrosion according to EN 60068-2-52:

Pass

Damper casing leakage according to EN 1751:

Class C

Signed for and on behalf of the manufacturer by:

Tobias Bohlin

Chief Operations Officer

South street,

Whitstable,

Kent,

England


