

DECLARATION OF PERFORMANCE

DOP-FSD-TD-11

- Unique identification code of the product-type:
FSD-TD fire damper (see table below for specific damper installation type)
To be used in conjunction with walls/partitions/floors to maintain fire compartments in heating, ventilating and air conditioning installations
- Name, registered trade name or registered trademark and contact address of the manufacturer as required under Article 11(5) of the CPR (Regulation (EU) no 305/2011):
BSB Engineering Services Ltd,
Unit 56, Mill Way, Trinity Trade Centre, Sittingbourne, Kent, ME10, 2PD
- System or systems of assessment and verification of constancy of performance of the construction product as set out in the CPR Annex V:
System 1
- In case of the declaration of performance concerning a construction product covered by a harmonized standard:
BRE Global Assurance (Ireland) Ltd (2831) performed the determination of the product type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product, the initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the certificate of constancy of performance of the factory production control (no. CPR-P0007).
- Declared performance according to:
EN 15650 (Ventilation for Buildings – Fire Dampers)

Essential Characteristics				Performance
Fire resistance according to EN 1366-2 and classifications according to EN 13501-3:				
Range (W mm X H mm)	Type	Supporting construction	EXAP/Classification reports	Classification (BS EN 13501-3)
100 x 100 up to 1000 x 1000	FSD-TD-AF	Drywall Partition	287719C/2	E 120 (ve i ↔ o) S
100 x 100 up to 1000 x 1000	FSD-TD-AF-BATT	Drywall / Masonry Wall	20/21216-7-1	E 120 (ve i ↔ o) S
100 x 100 up to 1000 x 1000	FSD-TD-AF	Masonry Wall	287719C/2	E 120 (ve i ↔ o) S
100 x 100 up to 1000 x 1000	FSD-TD-AF	Concrete floor	287719G/2	E 120 (ho i → o) S
100 x 100 up to 1000 x 1000	FSD-TD-HF	Masonry wall	287719F2	E 120 (ve i → o) S
100 x 100 up to 1000 x 1000	FSD-TD-HF	Concrete Floor	P100960 - 1006B/4	E 120 (ho i → o) S
100 x 100 up to 1000 x 1000	FSD-TD-SA	Drywall Partition	P100960-1006C/2	E 90 (ve i → o) S
100 x 100 up to 1000 x 1000	FSD-TD-SA	Masonry Wall	P100960-1006C/2	E 90 (ve i → o) S
100 x 100 up to 1000 x 1000	FSD-TD-CL	Drywall Partition	287719B/2	E 120 (ve i → o) S
100 x 100 up to 1000 x 1000	FSD-TD-BF	Batt Wall	287719D/2	E 120 (ve i → o) S
100 x 100 up to 1000 x 1000	FSD-TD	Drywall Partition	287719E/2	E 120 (ve i → o) S
Galvanised steel, 430 st/stl blades and case options allowed via EXAP reports				
Circular / dampers from 100 mm dia up to 1000mm dia - all of the above classifications apply (except multiple).				
Nominal activation conditions/sensitivity according to ISO 21925-1: - sensing element load bearing capacity - sensing element response time				Pass Pass
Response delay (response time) according to EN 1366-2: - closure time				Pass
Operational reliability according to EN 1366-2: - cycling				50 cycles - 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 EN 15650: - open and closing cycle				10,000 cycles Pass

Harmonised technical specification:
EN 15650:2010

Signed for and on behalf of the manufacturer by:



Date: 11 May 23

Mike Backham
 Technical Director
 BSB Engineering Services Ltd

