

DECLARATION OF PERFORMANCE

UKCA_DoP_Rf-t_C15_EN ■ B-01/04/2024



1. Unique identification code of the product-type:	CRE60
2. Intended use/es:	Circular fire damper to be used in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations.
3. Manufacturer:	Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele
4. System/s of AVCP:	System 1
5. Designated standard / Approved body; certificate of constancy of performance:	BS EN 15650:2010, BCCA with identification number 0749; 2822-UKCA-CPR-0056
6. Declared performance according to BS EN 15650:2010	(Fire resistance according to BS EN 1366-2 and classifications according to BS EN 13501-3)

Essential characteristics					Performance		
Range	Type	Wall	Sealing	Installation	Classification		
Ø 100-630 mm	Rigid wall	Aerated concrete ≥ 100 mm	Stone wool ≥ 40 kg/m ³	1	E 60 (v _e i ↔ o) S - (300 Pa)		
			Galvanised duct + stone wool ≥ 40 kg/m ³	2	E 60 (v _e i ↔ o) S - (300 Pa)		
	Rigid floor	Aerated concrete ≥ 125 mm	Stone wool ≥ 40 kg/m ³	1	E 60 (h _o i ↔ o) S - (300 Pa)		
			Galvanised duct + stone wool ≥ 40 kg/m ³	2	E 60 (h _o i ↔ o) S - (300 Pa)		
	Flexible wall	Metal studs gypsum plasterboard Type A (EN 520) ≥ 100 mm	Stone wool ≥ 40 kg/m ³	1	E 60 (v _e i ↔ o) S - (300 Pa)		
			Galvanised duct + stone wool ≥ 40 kg/m ³	2	E 60 (v _e i ↔ o) S - (300 Pa)		
1	Type of installation: surface-mounted, 0-360° (300 Pa)		360°	2		Type of installation: remote from the wall, 0-360°	360°

Designated standard
BS EN 15650:2010

Nominal activation conditions/sensitivity:	Pass	Integrity (E)	60 minutes
Response delay (response time): closure time	Pass	Insulation (EI)	60 minutes
Operational reliability: cycling	ONE - 10000 cycles; ONE-X - 10000 cycles; BFN(T) - 10000 cycles; BFNT-SR - 20000 cycles	Smoke leakage (EIS)	60 minutes
Durability of response delay:	Pass	Mechanical stability (under E)	Pass
Durability of operational reliability:	Pass	Maintenance of cross section (under E)	n/a
Protection against corrosion according to EN 60068-2-52:	Pass		
Damper casing leakage according to EN 1751:	≥ class C		

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Duchan Laplace, R&D Manager

Oosterzele, 01/04/2024

