

DECLARATION OF PERFORMANCE

CE_DoP_Rf-t_C16_EN ■ E-01/10/2023

1. Unique identification code of the product-type:	CRS60
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. Harmonised standard / European Assessment Document; notified body / European Technical Assessment, Technical Assessment Body, notified body; certificate of constancy of performance:	EN 15650:2010, BCCA with identification number 0749; requested
6. Declared performance according to EN 15650:2010	(Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)

Essential characteristics				Performance
Range	Wall type	Wall	Sealing	Installation Classification
Ø 100-630 mm	Rigid wall	Aerated concrete ≥ 100 mm	Fire resistant acrylic sealant	1 El 60 (v _e i ↔ o) S - (300 Pa)
			Fire resistant acrylic sealant	2 El 60 (v _e i ↔ o) S - (300 Pa)
			Stone wool + coating with acrylic sealant	3 El 60 (v _e i ↔ o) S - (300 Pa)
			Stone wool + coating with acrylic sealant	2 El 60 (v _e i ↔ o) S - (300 Pa)
	Rigid floor	Aerated concrete ≥ 100 mm	Fire resistant acrylic sealant	1 El 60 (h _o i ↔ o) S - (300 Pa)
			Fire resistant acrylic sealant	2 El 60 (h _o i ↔ o) S - (300 Pa)
			Stone wool + coating with acrylic sealant	3 El 60 (h _o i ↔ o) S - (300 Pa)
			Stone wool + coating with acrylic sealant	2 El 60 (h _o i ↔ o) S - (300 Pa)
	Flexible wall	Metal studs gypsum plasterboard Type A (EN 520) ≥ 100 mm	Fire resistant acrylic sealant	1 El 60 (v _e i ↔ o) S - (300 Pa)
			Fire resistant acrylic sealant	2 El 60 (v _e i ↔ o) S - (300 Pa)
			Stone wool + coating with acrylic sealant	3 El 60 (v _e i ↔ o) S - (300 Pa)
			Stone wool + coating with acrylic sealant	2 El 60 (v _e i ↔ o) S - (300 Pa)
	Asymmetrical flexible wall (shaft wall)	Metal studs gypsum plasterboard Type F (EN 520) ≥ 80 mm	Fire resistant acrylic sealant	3 El 60 (v _e i ↔ o) S - (300 Pa)
			Fire resistant acrylic sealant	2 El 60 (v _e i ↔ o) S - (300 Pa)

1	Type of installation: surface-mounted, 0-360° (300 Pa). Minimal distances authorised.	
2	Type of installation: remote from the wall, 0-360°	
3	Type of installation: surface-mounted, 0-360° (300 Pa)	

Nominal activation conditions/sensitivity:	Pass
Response delay (response time): closure time	Pass
Operational reliability: cycling	ONE - 10000 cycles; ONE-X - 10000 cycles; BFL(T) - 10000 cycles; BFN(T) - 10000 cycles; BFLT-SR - 20000 cycles; BFNT-SR - 20000 cycles
Durability of response delay:	Pass
Durability of operational reliability:	Pass
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:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/10/2023



Harmonised standard
EN 15650:2010