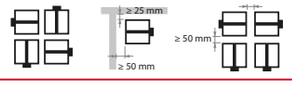
DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:	**CU-LT**
2. Intended use/es:	Rectangular 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; BCCA-0749-CPR-BC1-606-0464-15650.05-0464
6. Declared performance according to EN 15650:2010	(Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)

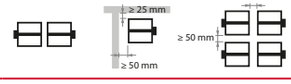
Essential characteristics					**Performance**
Range	**Type**	**Construction**	**Sealing**	**Installation**	**Classification**
200x100 mm ≤ CU-LT ≤ 800x600 mm	Rigid wall	Aerated concrete ≥ 100 mm	Mortar	1	EI 90 (v_e i ↔ o) S - (500 Pa)
			Gypsum	1	EI 120 (v_e i ↔ o) S - (500 Pa)
			Stone wool + coating ≥ 140 kg/m³ + coated casing	1	EI 120 (v_e i ↔ o) S - (300 Pa)
			Stone wool + coating ≥ 140 kg/m³	1	EI 90 (v_e i ↔ o) S - (300 Pa)
			Galvanised duct + stone wool + coating ≥ 140 kg/m³ 1x60 mm + installation kit IFW	2	EI 60 (v_e i ↔ o) S - (300 Pa)
			Galvanised duct + stone wool + coating ≥ 140 kg/m³ 1x80 mm + IFW installation kit	2	EI 90 (v_e i ↔ o) S - (300 Pa)
			Galvanised duct + stone wool + coating ≥ 140 kg/m³ 2x50 mm + installation kit IFW	2	EI 90 (v_e i ↔ o) S - (300 Pa)
			Galvanised duct + GEOFLAM® F 45 mm + mortar	2	EI 120 (v_e i ↔ o) S - (500 Pa)
			Galvanised duct + GEOFLAM® Light 35 mm + mortar	2	EI 120 (v_e i ↔ o) S - (500 Pa)
			Installation kit IFW	3	EI 90 (v_e i ↔ o) S - (500 Pa)
		Aerated concrete ≥ 105 mm	Installation kit IFW	4	EI 90 (v_e i ↔ o) S - (300 Pa)
	Flexible wall	Metal studs gypsum plasterboard Type A (EN 520) ≥ 100 mm	Installation kit IFW	3	EI 60 (v_e i ↔ o) S - (500 Pa)
			Gypsum	1	EI 60 (v_e i ↔ o) S - (500 Pa)
			Mortar	5	EI 60 (v_e i ↔ o) S - (300 Pa)
			Stone wool + coating ≥ 140 kg/m³	1	EI 60 (v_e i ↔ o) S - (300 Pa)
			Galvanised duct + stone wool + coating ≥ 140 kg/m³ 1x60 mm + installation kit IFW	2	EI 60 (v_e i ↔ o) S - (300 Pa)
			Galvanised duct + stone wool + coating ≥ 140 kg/m³ 2x50 mm + installation kit IFW	2	EI 60 (v_e i ↔ o) S - (300 Pa)
		Metal studs gypsum plasterboard Type F (EN 520) ≥ 100 mm	Installation kit IFW	3	EI 90 (v_e i ↔ o) S - (500 Pa)
			Gypsum	1	EI 90 (v_e i ↔ o) S - (500 Pa)
			Mortar	5	EI 90 (v_e i ↔ o) S - (300 Pa)
			Stone wool + coating ≥ 140 kg/m³ + coated casing	1	EI 120 (v_e i ↔ o) S - (300 Pa)
			Stone wool + coating ≥ 140 kg/m³	1	EI 90 (v_e i ↔ o) S - (300 Pa)
			Galvanised duct + stone wool + coating ≥ 140 kg/m³ 2x50 mm + installation kit IFW	2	EI 90 (v_e i ↔ o) S - (300 Pa)
			GDA + stone wool ≥ 40 kg/m³	6	EI 120 (v_e i ↔ o) S - (300 Pa)
	Asymmetrical flexible wall (shaftwall)	Metal studs gypsum plasterboard Type A (EN 520) ≥ 75 mm	Gypsum	7	EI 30 (v_e i ↔ o) S - (500 Pa)
		Metal studs gypsum plasterboard Type F (EN 520) ≥ 75 mm	Stone wool + coating ≥ 140 kg/m³	7	EI 30 (v_e i ↔ o) S - (300 Pa)
		Metal studs gypsum plasterboard Type F (EN 520) ≥ 80 mm	Stone wool + coating ≥ 150 kg/m³	8	EI 60 (v_e i ↔ o) S - (300 Pa)
		Metal studs gypsum plasterboard Type F (EN 520) ≥ 90 mm	Installation kit IFW	4	EI 90 (v_e i ↔ o) S - (300 Pa)
		Metal studs gypsum plasterboard Type F + Coreboard (EN 520) ≥ 85 mm	Installation kit IFW	6	EI 60 (v_e i ↔ o) S - (300 Pa)
		Metal studs gypsum plasterboard Type F + Coreboard (EN 520) ≥ 90 mm	Installation kit IFW	6	EI 90 (v_e i ↔ o) S - (300 Pa)
	CLT wall	Cross-laminated timber ≥ 100 mm	Installation kit IFW	4	EI 90 (v_e i ↔ o) S - (300 Pa)
	Rigid floor	Reinforced concrete ≥ 110 mm	Mortar	1	EI 90 (h_o i ↔ o) S - (500 Pa)
		Reinforced concrete ≥ 150 mm	Gypsum	1	EI 120 (h_o i ↔ o) S - (500 Pa)
		Aerated concrete ≥ 150 mm	Stone wool + coating ≥ 140 kg/m³ + coated casing	1	EI 120 (h_o i ↔ o) S - (300 Pa)
			Stone wool + coating ≥ 140 kg/m³	1	EI 90 (h_o i ↔ o) S - (300 Pa)

Harmonised standard EN 15650:2010

1 Type of installation: built-in 0/90/180/270°. Minimal distances authorised.

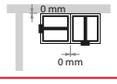


2 Type of installation: remote from the wall, 0/180°. Minimal distances authorised.

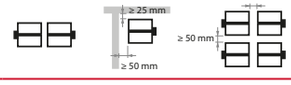


3 Type of installation: built-in 0/90/180/270°

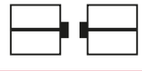
4 Type of installation: built-in 0/90/180/270°. Minimal distances authorised.



5 Type of installation: built-in 0/180°. Minimal distances authorised.

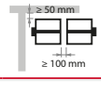


6 Type of installation: built-in 0/180°



7 Type of installation: built-in 0/90/180/270°. Minimal distances authorised.

8 Type of installation: built-in 0/180°. Minimal distances authorised.



Nominal activation conditions/sensitivity:	Pass
Response delay (response time): closure time	Pass
Operational reliability: cycling	MFUSP - 50 cycles; MMAG - 300 cycles; BFL(T) - 10000 cycles; ONE - 10000 cycles; ONE-X - 10000 cycles; UNIQ - 10000 cycles; BOBI - 300 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 ATC 3 (formerly 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, 01/05/2025