

DECLARATION OF PERFORMANCE

UKCA_DoP_Rf-t_V32_EN ■ F-01/02/2025



1. Unique identification code of the product-type:	MARKAGE MB
2. Intended use/es:	Rectangular single and multi MA smoke control damper for installation in a wall or refractory duct.
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 12101-8:2011, Efectis UK/Ireland Ltd 2822; Efectis-2822-UKCA-CPR-0016
6. Declared performance according to BS EN 12101-8:2011	(Fire resistance according to BS EN 1366-10, classification according to BS EN 13501-4)

Essential characteristics					Performance
Range	Type	Material	Sealing	Installation	Classification
200x200 mm ≤ MARKAGE MB ≤ 1000x1600 mm	Rigid wall	Aerated concrete ≥ 100 mm	Mortar	1	EI 90 (V _{ew} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Aerated concrete ≥ 100 mm	Stone wool + coating ≥ 140 kg/m ³	1	EI 90 (V _{ew} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
	Rigid floor	Aerated concrete ≥ 100 mm	Mortar	1	EI 90/120 (h _{ow} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Aerated concrete ≥ 100 mm	Stone wool + coating ≥ 140 kg/m ³	1	EI 90/120 (h _{ow} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
	Horizontal refractory duct	Promatect LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (h _{od} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (V _{ed} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (h _{od} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (V _{ed} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
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		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (V _{ed} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (h _{od} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (V _{ed} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
	Vertical refractory duct	Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (V _{ed} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (h _{od} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (V _{ed} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (h _{od} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (V _{ed} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 90/120* (h _{od} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
	Shaft	Masonry, concrete blocks, concrete EI 90/120	Promat glue K84 / mortar	2	EI 90/120* (V _{ed} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Masonry, concrete blocks, concrete EI 90/120	Promat glue K84 / mortar	2	EI 90/120* (h _{od} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
1000x1600 mm ≤ MARKAGE MB ≤ 1200x2400 mm	Horizontal refractory duct	Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (h _{od} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (V _{ed} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (h _{od} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (V _{ed} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (h _{od} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (V _{ed} i ↔ o) S1000 C10000 MA MULTI
	Vertical refractory duct	Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (V _{ed} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (h _{od} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (V _{ed} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (h _{od} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (V _{ed} i ↔ o) S1000 C10000 MA MULTI
		Promat LS ≥ 35 mm	Promat glue K84	2	EI 60/120* (h _{od} i ↔ o) S1000 C10000 MA MULTI
	Shaft	Masonry, concrete blocks, concrete EI 90/120	Promat glue K84 / mortar	2	EI 60/120* (V _{ed} i ↔ o) S1000 C10000 MA MULTI
		Masonry, concrete blocks, concrete EI 90/120	Promat glue K84 / mortar	2	EI 60/120* (h _{od} i ↔ o) S1000 C10000 MA MULTI
200x200 mm ≤ MARKAGE MB-15 ≤ 1000x1600 mm	Rigid wall	Aerated concrete ≥ 100 mm	Not applicable	1	EI 90/120 (V _{ew} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI

1	Type of installation: built-in 0/90/180/270°. In compartment boundary (wall, 'w').				
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2	Type of installation: built-in 0/90/180/270°. * With grille. Installation in EI120 certified ducts for EI120 classification of the complete system. Duct mounted ('d').				
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Nominal activation conditions/sensitivity:	Pass	Integrity (E)	60, 90 and 120 minutes
Response delay (response time): closure time	Pass	Insulation (EI)	60, 90 and 120 minutes
Operational reliability: cycling	BEN / BEE / BE - 10000 cycles (with load)	Smoke leakage (EIS)	60, 90 and 120 minutes
Durability of response delay:	Pass	Mechanical stability (under E)	Pass
Durability of operational reliability:	Pass	Maintenance of cross section (under E)	Pass
High operational temperature (HOT 400/30):	Pass		

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

Duchan Laplace

Oosterzele, 01/02/2025



Designated standard
BS EN 12101-8:2011