

DECLARATION OF PERFORMANCE

CE_DoP_Rf-t_V32_EN E-05/2022

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. Harmonised standard / European Assessment Document; notified body / European Technical Assessment, Technical Assessment Body, notified body; certificate of constancy of performance:	EN 12101-8:2011, Efectis with identification number 1812; Efectis_1812-CPR-1905
6. Declared performance according to EN 12101-8:2011	(fire resistance according to EN 1366-10, classification according to EN 13501-4)

Essential characteristics				Performance		
Range	Wall type	Wall	Sealing	Installation	Classification	
200x200 mm ≤ MARKAGE MB ≤ 1000x1600 mm	Rigid wall	Aerated concrete ≥ 100 mm	Mortar	1	EI 90 (v _w i ↔ o) S1500 C10000 HOT 400/30 MA MULTI	
		Aerated concrete ≥ 100 mm	Stone wool + coating ≥ 140 kg/m ³	1	EI 90 (v _w i ↔ o) S1500 C10000 HOT 400/30 MA MULTI	
	Rigid floor	Aerated concrete ≥ 100 mm	Mortar	1	EI 90/120 (h _w 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 _w i ↔ o) S1500 C10000 HOT 400/30 MA MULTI	
	Horizontal refractory duct	Promatect LS ≥ 35 mm	Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
			Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
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			Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
		Promatect L500 ≥ 40 mm	Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
			Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
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			Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
	Vertical refractory duct	Promatect LS ≥ 35 mm	Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
			Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI
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1000x1600 mm ≤ MARKAGE MB ≤ 1200x2400 mm	Horizontal refractory duct	Masonry, concrete blocks, concrete EI 90/120	Colle Promat K84 / mortier	1	EI 90/120* (v _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI	
		Masonry, concrete blocks, concrete EI 90/120	Colle Promat K84 / mortier	1	EI 90/120* (h _{red} i ↔ o) S1500 C10000 HOT 400/30 MA MULTI	
		Promatect LS ≥ 35 mm	Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1000 C10000 MA MULTI
			Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1000 C10000 MA MULTI
			Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1000 C10000 MA MULTI
			Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1000 C10000 MA MULTI
			Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1000 C10000 MA MULTI
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			Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1000 C10000 MA MULTI
			Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1000 C10000 MA MULTI
	Promat glue K84		Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1000 C10000 MA MULTI	
	Promat glue K84		Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1000 C10000 MA MULTI	
	Promatect AD ≥ 40 mm	Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1000 C10000 MA MULTI	
		Promat glue K84	Promat glue K84	1	EI 90/120* (h _{red} i ↔ o) S1000 C10000 MA MULTI	
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	Vertical refractory duct	Promatect LS ≥ 35 mm	Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1000 C10000 MA MULTI
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	Promat glue K84	Promat glue K84	1	EI 90/120* (v _{red} i ↔ o) S1000 C10000 MA MULTI		
200x200 mm ≤ MARKAGE MB-15 ≤ 1000x1600 mm	Rigid wall	Masonry, concrete blocks, concrete EI 90/120	Colle Promat K84 / mortier	1	EI 90/120* (v _{red} i ↔ o) S1000 C10000 MA MULTI	
		Masonry, concrete blocks, concrete EI 90/120	Colle Promat K84 / mortier	1	EI 90/120* (h _{red} i ↔ o) S1000 C10000 MA MULTI	
		Aerated concrete ≥ 100 mm	Not applicable	1	EI 90/120 (v _w i ↔ o) S1500 C10000 HOT 400/30 MA MULTI	

Harmonised standard
EN 12101-8:2011

1 Type of installation: built-in 0/90/180/270°. * Installation in EI120 certified ducts for EI120 classification of the complete system.



Nominal activation conditions/sensitivity:	Pass
Response delay (response time): closure time	Pass
Operational reliability: cycling	BEN / BEE / BE - 10000 cycles (with load)
Durability of response delay:	Pass
Durability of operational reliability:	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:
Mathieu Steenland, Technical Manager



Oosterzele, 05/2022