

DECLARATION OF PERFORMANCE

CE_DoP_Rf-t_V13_EN ■ J-01/11/2023

1. Unique identification code of the product-type:	AVANTAGE
2. Intended use/es:	Smoke control shutter to be used in smoke control systems, in multi-compartment applications at fire temperatures, or in single-compartment applications.
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_1042
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	Product	Type	Material	Installation	Classification			
300x385 mm ≤ Avantage 1V ≤ 700x1075 mm; 350x385 mm ≤ Avantage 2V ≤ 1100x1105 mm; 350x385 mm ≤ Avantage 1V ME ≤ 700x1075 mm	Avantage 60	Duct	Promatect L500 ≥ 30 mm	1	EI 60 (v _{ed} i ↔ o) S 1500 AA multi			
			Geoflam ≥ 30 mm					
			Geotec ≥ 30 mm					
			Tecniver ≥ 35 mm					
			Glasroc F V500 ≥ 35 mm					
			Exthamat ≥ 25 mm					
			Desenfire HD ≥ 25 mm					
		Shaft	Concrete ≥ 70 mm					
		Masonry, concrete blocks, concrete ≥ 100 mm						
	Avantage 120	Duct	Promatect L500 ≥ 40 mm	1	EI 90 (v _{ed} i ↔ o) S 1500 AA multi			
			Geoflam ≥ 35 mm					
			Tecniver ≥ 45 mm					
			Exthamat ≥ 30 mm					
			Desenfire THD ≥ 25 mm					
			Shaft			Concrete ≥ 70 mm		
			Masonry, concrete blocks, concrete ≥ 100 mm					
		Avantage 120	Duct			Promatect L500 ≥ 50 mm	1	EI 120 (v _{ed} i ↔ o) S 1500 AA multi
						Geoflam ≥ 45 mm		
Geoflam Light ≥ 35 mm								
Geotec ≥ 45 mm								
Tecniver ≥ 50 mm								
Glasroc F V500 ≥ 50 mm								
Exthamat ≥ 35 mm								
Desenfire HD ≥ 35 mm								
Desenfire ≥ 45 mm								
Desenfire STR ≥ 25 mm								
Shaft	Masonry, concrete blocks, concrete ≥ 100 mm							

1 Type of installation: in duct/shaft-mounted 0/180°. Minimal in-between distances authorised.



Nominal activation conditions/sensitivity:	Pass - automatic activation
Response delay (response time): closure time	Pass - automatic activation
Operational reliability: cycling	300 cycles (no load)
Durability of response delay:	Pass
Durability of operational reliability:	Pass
Approved accessories	EASY-KAP mounting frame; Resetting by motor VAME (Range 350 x 385 mm ≤ Avantage ME 1V ≤ 700 x 1075mm); with grill
High operational temperature (HOT 400/30):	NPD (no performance determined)

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

F. Verlinden

Oosterzele, 01/11/2023



Harmonised standard
EN 12101-8:2011