

DECLARATION OF PERFORMANCE

UKCA_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. Designated standard / Approved body; certificate of constancy of performance:	BS EN 12101-8:2011, Efectis UK/Ireland Ltd 2822; Efectis_2822_UKCA_CPR_0009
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	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 Geoflam ≥ 30 mm Geotec ≥ 30 mm Tecniver ≥ 35 mm Glasroc F V500 ≥ 35 mm Exthamat ≥ 25 mm Desenfire HD ≥ 25 mm	1	EI 60 (v _{ed} i ↔ o) S 1500 AA multi
		Shaft	Concrete ≥ 70 mm Masonry, concrete blocks, concrete ≥ 100 mm		
	Avantage 120	Duct	Promatect L500 ≥ 40 mm Geoflam ≥ 35 mm Tecniver ≥ 45 mm Exthamat ≥ 30 mm Desenfire THD ≥ 25 mm	1	
	Shaft	Concrete ≥ 70 mm Masonry, concrete blocks, concrete ≥ 100 mm			
	Avantage 120	Duct	Promatect L500 ≥ 50 mm 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	1	EI 120 (v _{ed} i ↔ o) S 1500 AA multi
		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	Integrity (E)	60, 90 and 120 minutes
Response delay (response time): closure time	Pass - automatic activation	Insulation (EI)	60, 90 and 120 minutes
Operational reliability: cycling	300 cycles (no 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
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

Frank Verlinden



Oosterzele, 01/11/2023

Designated standard
BS EN 12101-8:2011