

Declaration of Performance (DOP)



1. Unique identification code for product type		ISONE® 2.1 Rectangular	
2. Intended use		Intended for building ventilation systems where compartmentation is necessary.	
3. Manufacturer		ALDES, 20 Boulevard Joliot Curie, 69694 Venissieux Cedex France	
4. Consistent performance assessment and verification system		System 1	
5. Harmonised standard, notified body, consistent performance certificate		EN 15650, Efectis with number 1812, 1812_CPR_1837	
6. Declared performance as per EN 15650: 2010		Fire safety performance as per EN 1366-2 and classification as per EN 13501-3	

Range	Installation	Type of wall	Essential properties		Performance levels	
			Partition / duct	Seal	Classification	
200x100 mm ≤ ISONE 2 Rectangular ≤ 1000x1000 mm / 1500x500 mm	1. Flush-mounted	Flexible partition	Plasterboard stud wall (type A) ≥ 98 mm	No seal required (with Easynstall kit)	EI 90 S - Ve i↔o - 500 Pa	
			Plaster tile partition wall ≥ 70 mm	Cement or plaster base mortar and heels		
			Plasterboard stud wall (type F) ≥ 98 mm	Plaster base mortar and heels		
			Plasterboard partition wall (BA25) ≥ 98 mm	Plaster base mortar and heels		
			Plaster tile partition wall ≥ 100mm	Cement or plaster base mortar and heels		
		Solid wall	Reinforced concrete wall ≥ 100 mm	Cement mortar or plaster base	EI 120 S - Ve i↔o - 500 Pa	
			Aerated concrete wall ≥ 100 mm	Cement mortar or plaster base		
			Reinforced concrete slab ≥ 150 mm	Cement mortar or plaster base		
			Aerated concrete slab ≥ 150 mm	Cement mortar or plaster base	EI 120 S - Ho i↔o - 500 Pa	
			2. Remote installation	Solid wall	GEOFLAM LIGHT 35 duct ≥ 35 mm	Plaster base mortar seal
	GEOFLAM 45 ducting ≥ 45 mm	Plaster base mortar seal				
	PROMATECT L500 ducting ≥ 50mm	Plaster base mortar seal				
	DESENFIRE HD 25, 35, 45 ducting ≥ 25mm	Plaster base mortar seal				
	DESENFIRE THD 25 ducting ≥ 25mm	Plaster base mortar seal				
DESENFIRE STR 25 ducting ≥ 25mm	Plaster base mortar seal					

1. Type of installation:

Isone 2 PM (≤ 800\*600)

Isone 2 GM (L>800, H>600)

2. Type of installation:

Isone 2 PM (≤ 800\*600)

Isone 2 GM (L>800, H>600)

Nominal activation / sensitivity conditions	Compliant - automatic activation
Load capacity sensor	Compliant - automatic activation
Response sensor at high temperature	Compliant - automatic activation
Response time: closure time	Compliant - automatic activation
Operational reliability: cycles	300 cycles
Sustainability of response time: response in temperature and sensor load capacity	Compliant
Sustainability of operational reliability	Compliant
Options validated	Thermal trip device FTE 70°C
	FCU1/DCU1 - FCU2/DCU2 limit switches
	Electromagnetic trip device VDS/VM 24/48
	EHOP Mini reset motor, EHOP 30s
	Stainless steel blade pin, remote control box
Leak rate from damper tunnel compliant with EN 1751	≥ Class C

The product performance levels identified above are compliant with the declared performance. In accordance with regulation (EU) No. 305/2011, this declaration of performance is issued under the sole responsibility of the manufacturer indicated above.

Harmonised standard  
EN 15650: 2011

Signed for and on behalf of the manufacturer by:  
Name and position Anne Lefebvre, quality manager  
Date and location of issue Venissieux, 15 June 2022  
Signature