



Declaration of Performance (DOP)



1. Unique identification code for product type				ISONE® 2.1 Circular		
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		
Essential properties					Performance levels	
Range	Installation	Type of wall	Partition / duct	Seal	Classification	
Ø 100mm ≤ ISONE 2 Circular ≤ Ø 900mm	1. Flush-mounted	Flexible partition	Plasterboard stud wall (type A) ≥ 98 mm	No seal	EI 60 S - Ve i↔o - 500 Pa	
			Plaster tile partition wall ≥ 70 mm	Cement or plaster base mortar and heels	EI 90 S - Ve i↔o - 500 Pa	
			Plasterboard stud wall (type F) ≥ 98 mm	Plaster base mortar and heels	EI 120 S - Ve i↔o - 500 Pa	
			Plasterboard partition wall (BA2S) ≥ 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 - Ho 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		
	2. Remote installation	Solid wall	GEOFLAM LIGHT ducting ≥ 35mm	Plaster base mortar seal	EI 120 S - Ve i↔o - 500 Pa	
			GEOFLAM ducting ≥ 45 mm	Plaster base mortar seal		
			PROMAT ducting ≥ 50 mm	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		
Ø 100 mm → Ø 560 mm			Ø 630mm → Ø 900mm			
1. Type of installation: 			2. Type of installation: 			
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				300 cycles		
Operational reliability: cycles				Compliant		
Sustainability of response time: response in temperature and sensor load capacity				Compliant		
Sustainability of operational reliability				Thermal trip device FTE 70°C		
Options validated				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

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EN 15650: 2011

Signed for and on behalf of the manufacturer by:

Name and position
Date and location of issue

Anne Lefebvre, quality manager
Venissieux, 15 June 2022

Signature