

DECLARATION OF PERFORMANCE

DoP 1134-CPR-096

1. Unique identification code of the product-type: IOT+/SLIM

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Smoke detector (serial number listed on the product: #serial number-productiondate)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Fire detection and fire alarm systems for buildings

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

ARGINA Technics NV
Anthonis De Jonghestraat 50
BE – 9100 Sint-Niklaas
Tel. +32-(0)3.780.55.20
Fax. +32(0)3.766.37.89
Email: info@argina.com

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

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performed the determination of the product type under system 1 on the basis of the type testing, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of performance.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	A1	EN 54-5:2000+A1:2002 Art: 4.2
	PASS	EN 54-5:2000+A1:2002 Art: 4.3, 5.2, 5.3, 5.6, 5.8
	PASS, see table1	EN 54-5:2000+A1:2002 Art: 5.4
Operational reliability	PASS	EN 54-5:2000+A1:2002 Art: 4.4, 4.6 to 4.11
Tolerance to supply voltage	PASS	EN 54-5:2000+A1:2002 Art: 5.7
Durability of operational reliability and response delay, temperature resistance	PASS	EN 54-5:2000+A1:2002 Art: 5.9
Durability of operational reliability, vibration resistance	PASS	EN 54-5:2000+A1:2002 Art: 5.14 to 5.17
Durability of operational reliability, humidity resistance	PASS	EN 54-5:2000+A1:2002 Art: 5.11, 5.12
Durability of operational reliability, corrosion resistance	PASS	EN 54-5:2000+A1:2002 Art: 5.13
Durability of operational reliability, electrical stability	PASS	EN 54-5:2000+A1:2002 Art: 5.18
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	PASS	EN 54-7:2000+A1:2002 Art: 5.2, 5.3, 5.6, 5.7, 5.18
	PASS, $m_{min}=0,07$ $m_{max}=0,09$	EN 54-7:2000+A1:2002 Art: 5.4
Operational reliability	PASS	EN 54-7:2000+A1:2002 Art: 4.2, 4.4 to 4.7, 4.9 to 4.11
Tolerance to supply voltage	PASS	EN 54-7:2000+A1:2002 Art: 5.5
Durability of operational reliability and response delay, temperature resistance	PASS	EN 54-7:2000+A1:2002 Art: 5.8, 5.9
Durability of operational reliability, vibration resistance	PASS	EN 54-7:2000+A1:2002 Art: 5.13 to 5.16
Durability of operational reliability, humidity resistance	PASS	EN 54-7:2000+A1:2002 Art: 5.10, 5.11
Durability of operational reliability, corrosion resistance	PASS	EN 54-7:2000+A1:2002 Art: 5.12
Durability of operational reliability, electrical stability	PASS	EN 54-7:2000+A1:2002 Art: 5.17
Performance under fire conditions	PASS, $Z_{cmax}=107m\Omega$	EN 54-17:2005+AC2007 Art: 5.2
Operational reliability	PASS	EN 54-17:2005+AC2007 Art: 4
Durability of operational reliability, temperature resistance	PASS	EN 54-17:2005+AC2007 Art: 5.4, 5.5
Durability of operational reliability, vibration resistance	PASS	EN 54-17:2005+AC2007 Art: 5.9 to 5.12
Durability of operational reliability, humidity resistance	PASS	EN 54-17:2005+AC2007 Art: 5.6, 5.7
Durability of operational reliability, corrosion resistance	PASS	EN 54-17:2005+AC2007 Art: 5.8
Durability of operational reliability, electrical stability	PASS	EN 54-17:2005+AC2007 Art: 5.3, 5.13

	Orientation 225° (+sens.)	Class A1		Orientation 45(-sens.)	Class A1	
		Response			Response	
K/min	Nr	°C	min:s	Nr	°C	min:s
1	1	61.1	36.33	2	60.3	35.49
3	1	62.4	12.29	2	54.4	10.04
5	1	56.8	6.33	2	52.2	4.59
10	1	55.1	2.58	2	53.9	2.49
20	1	56.8	1.37	2	58.3	1.34
30	1	61.3	1.13	2	56	1.03

Table1

Data from ANPI test report BFS/REDI/285 – 2010.04.29

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Koen De Maeght
Managing Director

Sint-Niklaas, the 16th of August, 2016