

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011
No. DOP-7823

1. Unique identification code of the product-type:
Sensis Azure 500s
2. Intended use/es:
Aspirating smoke detector for use in fire detection and fire alarm systems in buildings
3. Manufacturer:
FFE Ltd, 9 Hunting Gate, Hitchin, Hertfordshire, SG4 0TJ, United Kingdom
4. Authorised representative:
FFE B.V., J. Keplerweg 10S, 2408 AC, Alphen aan den Rijn, Netherlands

Note: FFE B.V. has, by issue of written mandate, been authorised by FFE Ltd to act as an Importer for this product, and to carry out the duties required of an Importer within the European Union.

5. System/s of AVCP:
System 1
6. Harmonised standard:
EN 54-20:2006 + AC:2008

Notified body/ies:
LGAI Technological Centre, S.A (APPLUS) – Notified Body Number 0370

Certificate No:
0370-CPR-7823

7. Declared performance/s:
See next page

Harmonized Technical Specification		EN54-20:2006 + AC:2008
Essential Characteristic	Performance	Clause
Nominal activation conditions/sensitivity/response delay and performance under fire conditions		
Response in the event of slowly developing fires	Pass	5.6
Repeatability	Pass	6.2
Reproducibility	Pass	6.3
Fire Sensitivity (Class A, B, C)	Pass	6.15
Operational Reliability		
Individual alarm indication	Pass	5.2
Connection of ancillary devices	Pass	5.3
Manufacturer's adjustments	Pass	5.4
On-site adjustment of behaviour	Pass	5.5
Mechanical strength of the pipework	Pass	5.7
Components in the sampling device	Pass	5.8
Airflow monitoring	Pass	5.9
Power supply	Pass	5.10
Data	Pass	5.11
Software controlled detector	Pass	5.12
Tolerance to supply Voltage		
Variation in supply parameter	Pass	6.4
Durability of operational reliability		
Temperature resistance		
Dry heat (operational)	Pass	6.5
Cold (operational)	Pass	6.6
Vibration resistance		
Shock (operational)	Pass	6.10
Impact (operational)	Pass	6.11
Vibration Sinusoidal (operational)	Pass	6.12
Vibration Sinusoidal (endurance)	Pass	6.13
Electrical stability		
Electromagnetic compatibility (EMC), immunity	Pass	6.14
Humidity resistance		
Damp heat, steady state (operational)		
Damp heat, steady state (endurance)	Pass	6.7
Corrosion resistance	Pass	6.8
SO2 corrosion (endurance)	Pass	6.9

* The class of any pipe/hole configuration and detector sensitivity is determined using AVAFlow

* Power Supply : As according to local EN 54-4 requirement or NFPA 72 requirement

* Pipe Strength : As accordance with EN61386-1 to at least class 1131

FFE Limited

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Registered in England No:

01192710

VAT Registration No:

GB 700 1840 89



A Halma company

The performance of the product identified above is in conformity with the set of declared performances. 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:



Mahesh De Silva
Technical Director – FFE Ltd
Hitchin, 14/10/2025

FFE Limited

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