

Declaration of Performance

According to Construction Products Regulation EU No 305/2011

FSTDOP19001

1. Product family:

FireAngel ST-620-XX, Angeleye ST-AE620-XX, FireAngel ST-622-XX, Angeleye ST-AE622-XX
FireAngel ST-623E-XX, Angeleye ST-AE623E-XX, FireAngel ST-750-XX, Angeleye ST-AE750-XX, FireAngel
WSM-SN-1, FireAngel SM-SN-1, FireAngel WST-230, FireAngel ST-230, FireAngel WSM-F-1XX,
FireAngel SM-F-1XX

XX- suffix denotes country code

2. Intended use:

Fire safety-Thermoptek Optical Smoke Alarm Device for residential applications

3. Name, Registered Trade Name and address of Manufacturer:

FireAngel Safety Technology Limited
Vanguard Centre, Sir William Lyons Road
Coventry, CV4 7EZ, UK

4. Declaration of Performance concerning construction product covered by harmonised standard:

EN 14604:2005+AC:2008

5. Systems or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

System 1

6. Certified by: BSI, John M Keynesplein 9, 1066 EP Amsterdam, Netherlands.

The certification body performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control and issued the EC certificate of conformity

Certificate of Constancy of Performance:

2797-CPR-676744

7. Declared performance

All requirements including essential characteristics and corresponding performances for intended use or uses as described in point 2 and in accordance with essential characteristics listed in the table below (point 8).

8. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in point 7.

Essential Characteristics	EN14604:2005 Clause	Performance	Notes
Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	PASS	See Note 1
Operational reliability	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24	PASS	See Note 2 and Note 3
Tolerance to supply voltage	5.21	PASS	
Durability of operational reliability and response delay, temperature resistance	5.7, 5.8	PASS	
Durability of operational reliability, vibration resistance	5.12, 5.13	PASS	
Durability of operational reliability, humidity resistance	5.9	PASS	
Durability of operational reliability, corrosion resistance	5.10	PASS	
Durability of operational reliability, electrical stability	5.14	PASS	
Note: The products covered by this standard are assumed to operate, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.			

Note 1: Clauses 4.18 and 5.19 are not applicable for models ST-620, ST-622, ST-623E, ST-750.

Note 2: Clauses 4.3, 4.4, 4.8, 4.11, 4.13, 4.14, 5.22 and 5.23 are not applicable for models ST-620, ST-622, ST-750.

Note 3: Clauses 4.3, 4.4, 4.8, 4.11 and 5.23 are not applicable for ST-623E.

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I Ballinger
Certification Manager

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