

Declaration of Performance

According to Construction Products Regulation EU No 305/2011

FSTDOP19001

1. Product family:

See Annex A

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

Authorised Representative:

Authorised Representative Service
77 Camden Street Lower
Dublin
D02 XE80
Ireland

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. **NB 2797**

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). This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

8. *The performance of the products identified in points 1 and 2 are in conformity with the declared performance in point 7. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above*

Essential Characteristics	EN14604:2005 Clause	Performance
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
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
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.

Signed for and on behalf of FireAngel Safety Technology Limited



I M Ballinger
Head of Certification
Coventry, United Kingdom

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Revision: 3
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Annex A

Battery Operated Smoke Alarms With removeable battery	Battery Operated Smoke Alarms With Sealed Battery	Mains Powered Smoke Alarms With battery backup
FireAngel ST-623E AngelEye ST-AE623E	FireAngel ST-620 FireAngel ST-622 FireAngel ST-750 AngelEye ST-AE620 AngelEye ST-AE622 Angeleye ST-AE750	FireAngel ST-230 FireAngel WST-230 FireAngel SM-SN-1 FireAngel WSM-SN-1