

Declaration of Performance

According to Construction Products Regulation EU No 305/2011

FSTDOP19005

1. Product family:

See Annex A

2. Intended use:

Fire Safety - 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

EU Importer

FireAngel Safety Technology Europe B.V.
Concertgebouwplein 15 H,
1071LL Amsterdam
Netherlands

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: Intertek Deutschland GMBH, Stangenstraße 1, 70771 Leinfelden-Echterdingen. Germany (NB 0905)

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:


0905-CPR-00649 (SB1-XX, SB1-AE-XX, SB5-XX, SB5-AE-XX)
0905-CPR-00650 (SW1-XX, SW1-PF-XX, SW10-XX and SW10-PF-XX)
0905-CPR-00690 (SCB10-XX and SCB10-AE-XX)

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.		



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Annex A

Battery Operated Smoke Alarms	Battery Operated Smoke Alarms and CO alarm	Mains Powered Smoke Alarms
With removeable battery	With Sealed Battery	With battery backup
FireAngel SB1 FireAngel SB5 AngelEye SB1-AE AngelEye SB5-AE	FireAngel SCB10 AngelEye SCB10-AE	FireAngel SW1 FireAngel SW10