



sprue

Declaration of Performance

According to Construction Products Regulation EU No 305/2011

Sprue Safety Products – SAFLDOP-SM-F-01

1. Product family:

FireAngel SM-F-1XX
XX denotes Country code

2. Intended use:

Mains Powered Thermoptek Optical Smoke Alarm Device for residential applications

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

Sprue Safety Products Ltd
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, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes, MK5 8PP, UK

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: 0086-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).



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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	
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 the distributor by

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Ian Ballinger
Certification Manager
Coventry
2nd April 2018

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