

Sprue Safety Products Ltd.
Vanguard Centre
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Declaration of Performance (SADOPSM-F-1EU)

According to Construction Products Regulation EU No 305/2011

Sprue Safety Products – FireAngel SM-F-1EU

1. **Product family:**
FireAngel SM-F-1EU
2. **Intended use:**
Mains Powered Thermoptek Smoke Alarm Device for residential applications
3. **Name, Registered Trade Name and address of Manufacturer:**
Cicam Manufacturing Company Ltd, Block 12, Antuoshan High-tech Industrial Park, Xinsha Road,
Shajing Street, Baoan District, Shenzhen City, China. 518104
4. **Name, address authorised representative:**
Sprue Safety Products Ltd
Sir William Lyons Road, Coventry, CV4 7EZ, UK
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. **Declaration of Performance concerning construction product covered by harmonised standard:**
BS EN 14604:2005 +AC:2008

Certificate of conformance:
0086-CPR-557790

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
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).

Products That
Save Lives
A SPRUE AEGIS plc company

BRK
DICON™
FireAngel®
First Alert®

Registered Office Bridge House, 4
Borough High Street, London SE1 9QR
Registered No 3641019
VAT No GB 765 3419 14

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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.

Description	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 Note: a
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 Notes: b), c)
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
Accommodation Vehicles (LAVs)	Annex L	NPD

Notes:

- a) Products covered by this standard are assumed to operate, in the event of a fire, before fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.
- b) Clause 4.5 is only applicable for smoke alarms that can have the calibration adjusted by the user after manufacture, an assessment to this clause was therefore not performed.
- c) Clauses 4.13, 4.14 and 5.22 are only applicable to smoke alarms with provision for replaceable batteries, an assessment to these clauses was therefore not performed.

Signed for and on behalf of the distributor by

I Ballinger
 Certification Manager (October 2015)

Document ref – SADOPSM-F-1EU revA

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