

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

**580200**

The product fulfils the essential characteristic:

**See Annex 1**

Intended use: Smoke alarms that operate using scattered light, transmitted light or ionizing, intended for household or similar residential application

Placed on the market under the name or trade mark of:

**FireAngel Safety Technology Limited  
Vanquard Centre, Sir William Lyons Road,  
CV4 7EZ Coventry  
United Kingdom**

Authorised representative

**77 Camden Street Lower,  
Dublin, D02 XE80, Ireland**

and produced in the manufacturing plant:

**CPA10062**

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

**EN 14604:2005/AC:2008** : **Smoke alarm devices**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

## CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2024-08-16 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: 2024-12-17

(This certificate supersedes the previous version of this certificate issued 2024-10-22)



Kenneth Maronie  
Responsible for evaluation



Chris Ellis  
Responsible for certification decision

## Annex 1

### EXTENT

**Type:** Multisensor Plus 580200. Combined smoke, heat and carbon monoxide (CO) detector.

**Attention:** Please note, that this certificate does not cover CO detection.

**Trade mark:** FireAngel

### Performance

Essential characteristics	Clauses in EN 14604:2005/AC:2008	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, 4.19, 5.11, 5.16, 5.22, 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
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.		

Annex 2

**TEST DOCUMENTATION**

Accredited Laboratory	Report no.	Date
SGS-CSTC	GZEM240700397301	2024-07-25
SGS-CSTC	GZEM240700397302	2024-07-25
SGS-CSTC	GZEM2407003973DS	2024-07-25
SGS-CSTC	GZEM240700397303	2024-09-13
SGS-CSTC	GZEM240700397304	2024-09-13
SGS-CSTC	GZEM240700397305,	2024-10-23
SGS-CSTC	GZEM240700397306	2024-10-23
SGS-CSTC	GZESS240801694132	2024-12-06
SGS-CSTC	GZES240801694102 Amendment-01	2024-12-09

**TECHNICAL BASIS**

File Number	Title
580200	Critical Component List, Rev C
580200	BOM, Rev. E