

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

## Automist – Fixed Wall Head

### Description of Product

This is an assessment of the Automist System manufactured by Plumis for use in loft conversions in accordance with paragraph 2.20.b of Approved Document B (Fire safety) – Volume 1: Dwellings (2006 edition incorporating 2010 and 2013 amendments).



### Key Factors Assessed

- ☐ Safety in case of Fire
- ☐ Safety in Use
- ☐ Durability serviceability and identification

### Validity

This certificate was first issued on 8<sup>th</sup> November 2012 and is valid until 26<sup>th</sup> January 2020

Issue Dated 22nd January 2019

## Scope of Registration

This Registered System relates to the Automist automatic fire suppression device to be used as a compensatory measure for loft conversions where an open plan ground floor layout exists. The applicable regulatory guidance is given in paragraph 2.20.b of Approved Document B (Fire safety) – Volume 1: Dwellinghouses (2006 edition incorporating 2010 and 2013 amendments).

This Registered Detail does not apply to any other Automist product.

A building regulation application will be provided including the following;

- A layout plan of all levels of the premises where the system is proposed to be installed showing the areas of the premises proposed to be protected by the Automist system and the locations where the pump(s) is proposed to be located as well as the location of the first floor escape window(s), FD30 door at first floor landing level and automatic smoke detection coverage.
- Where the application relates to the material alteration of an existing premises (i.e. a loft conversion), an existing layout plan shall also be provided.
- A report demonstrating that the conditions of this certificate and the criteria of paragraph 2.20.b of Approved Document B (Fire safety) – Volume 1: Dwellinghouses have been met and that the Automist system provides full coverage to the open plan area at Ground floor level shall be provided.

The Local Authority Building Control shall be invited to attend the initial commissioning of the installed system and given the opportunity to inspect the installation to ensure that it is in accordance with the approved/conditionally approved plans and the Automist Technical Guide and Installer Manual.

At completion Local Authority Building Control will be provided with;

- A copy of a Commissioning Certificate demonstrating that the system has been installed and commissioned in accordance with the manufacturer's instructions.
- Documentary evidence that a maintenance contract has been entered into by the owner of the property for annual servicing and maintenance of the system, and that arrangements are in place to enable the system owner/the occupant of the property to arrange for maintenance at any other such times as may be required, for example due to any faults that may arise with the system or if the system is activated.

## Conditions of Certificate

The system is not a substitute for a full automatic sprinkler or watermist system when coverage is required throughout the premises.

The new 4 nozzle head has been tested & validated for a 1pump-1head setup only therefore a pump can only be connected to a single spray head.

The system must be installed in accordance with the current Automist handbook which include the Technical Guide Version 3.0.0 and Installer Manual Version 8.0

The system must be installed by an Automist Accredited Installer.

Automatic smoke detection must be provided as required by Approved Document B, an escape window(s) to be provided at first floor and an FD30 door to be provided at the head of the stairs at the first floor landing level.

If suitable automatic smoke detection, an escape window at first floor level and an FD30 door at the head of the stairs at the first floor landing level are not provided then this Registered Detail does not apply and the solution is not code-compliant in accordance with Approved Document B (Fire safety) – Volume 1: Dwellinghouses (2006 edition incorporating 2010 and 2013 amendments). Any such proposal shall be assessed by the Building Control body on a case specific basis as a performance-based solution following the BS 7974 process (or equivalent) and in such cases any type approval, such as an LABC Registered Detail, is not applicable.

LABC consider that, Automist – Fixed Wall Head, will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;



### The Building Regulations 2010 (as amended) England & Wales

Regulation 7      Materials and workmanship

Note:              The product is acceptable when installed in accordance with all of the manufacturer's instructions and the documentation referenced in 'Supporting Documentation' below.

AD B                Fire Safety

Note:              Relates to B1 (dwellings) for loft conversions only



### The Building Regulations 2010 (as amended) England

AD B                Fire Safety

Note:              Relates to B1 (dwellings) for loft conversions only



### The Building Regulations 2010 (as amended) Wales

AD B                Fire Safety

Note:              Relates to B1 (dwellings) for loft conversions only



### The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at [www.labss.org](http://www.labss.org)

## Non-Regulatory Information



### LABC Warranty

The use of the Automist – Fixed Wall Head has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to [technical.services@labcwarranty.co.uk](mailto:technical.services@labcwarranty.co.uk)

## Supporting Documentation

Automist Handbook

Automist Technical Guide Version 3.0.0

Automist Installer Manual Version 8.0

Ad-hoc tests on watermist systems utilising the principles of the procedure defined in Draft BS 8458:2014: Annex (Exova Warringtonfire Document Reference 356142, 07/09/2015, Issue No. 1)

Automist 3 nozzle wall head fire performance against 4 nozzle tap head' (Plumis, last revised 07/07/2015) Filename: Tap\_vs\_Wall\_Fire\_Test\_Report\_20150714.pdf Description: report by Plumis explaining the process undertaken and including graphs of the resulting test data comparing the 4 nozzle tap head and 3 nozzle wall head

Ad-hoc tests on watermist systems utilising the principles of the procedure defined in Draft BS 8458:2014:Annex B' (Exova Warringtonfire report number 355366, issue 1, dated 20 August 2015) Filename: PDF\_EWF\_No.355366\_Ad\_Hoc\_Test\_Report\_(Sink\_and\_3\_headed\_nozzle)\_1.pdf

## Contact Information

Plumis UK Limited

Unit 1c, Clapham North Art Centre

26-32 Voltaire Road

London

SW4 6DH

Tel: 0207 871 3899

Email: [info@plumis.co.uk](mailto:info@plumis.co.uk)

Website: [www.plumis.co.uk](http://www.plumis.co.uk)