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CASE STUDY

THAKEHAM HOMES SPECIFY
AICO FIRE ALARMS FOR NEW
BUILD DEVELOPMENT OF
OVER 600 PROPERTIES



THAKEHAM HOMES HAVE
OPTED TO INSTALL AICO
ALARMS IN A GRADE LD2
SYSTEM IN OVER 600 NEW
BUILD PROPERTIES,
ENHANCING THE HOME LIFE
SAFETY OF FUTURE
RESIDENTS.

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Thakeham Homes is a Home Builder Federation (HBF) Home Builder that delivers residential developments and quality affordable homes across the Southeast. Working with a range of clients from social and affordable housing to retirement housing. Thakeham is built on the five core values of quality, people, the environment, partnerships and community.

SPECIFYING AICO FIRE SAFETY DEVICES

One of Thakeham Homes' core values is quality, and when it comes to fire safety this has to be a priority. Thakeham Homes opted to specify Aico alarms as they know each product is individually tested several times, primarily on initial assembly, at the test and calibration stage and during a final thorough test at their dedicated factory in Shannon, Ireland ensuring consistent quality. To further ensure the quality, every alarm is third-party accredited to relevant British Standard.

Thakeham installed an LD2 Grade System to British Standard BS5839-6:2019+A1:2020 specifications, across their Pease Pottage Woodgate site development, which contains a mixture of social and private housing.

They chose to install devices from Aico's 3000 series because it offers 'full circle' protection, with the ability to detect both Fire and Carbon Monoxide (CO).

An LD2 system requires alarms to be fitted in escape routes and high-risk areas, such as hallways, landings, kitchens and living rooms.

Thakeham Homes installed the following alarms from the 3000 series within the properties to ensure the correct level of protection:

- Ei3016 Optical Smoke Alarm
- Ei3014 Heat Alarm
- Ei3018 Carbon Monoxide Alarm

PHOTOVOLTAIC (PV) REQUIREMENTS

Thakeham Homes utilised the Ei3024 Multi-Sensor Fire Alarm, installing the device in the loft spaces of properties containing photovoltaic (PV) equipment, in compliance with British Standard BS5839-6:2019+A1:2020, as a PV unit is connected to the electrical installation.

British Standard BS5839-6:2019+A1:2020 recommends the following for PV installations to LD2 specifications :

“It is increasingly common for electrical equipment to be installed in loft spaces, particularly in premises fitted with photovoltaic power systems and other plant (e.g. boilers). In such cases, a Category LD2 system needs to incorporate a smoke detector within the loft space.”



EXPERT INSTALLER TRAINING & INSTALLATION PROCESS

Thakeham Homes worked with MCA Consulting Engineers, based in Horsham West Sussex, who designed the systems, while the installations were completed by Bexhill Electrical.

Paul Barrett, Regional Specification Manager at Aico worked with Bexhill Electrical, delivering Aico's free Expert Installer Training to 30 of their electricians. Expert Installer Training provides all the information required to install domestic Fire and Carbon Monoxide Alarm Systems ensuring effective protection by having the best alarms correctly installed.



We have always used Aico when installing Fire and CO alarms. The fact that they rarely false alarm and are tested multiple times means we know that we have fitted the best domestic system available on the market.

Bexhill Electrical



MCA Consulting Engineers and Bexhill Electrical both usually specify and install Aico products, so they were familiar and confident with the devices Thakeham Homes specified.



BUILDING ON PARTNERSHIPS

Aico will continue to offer support and look forward to working with Thakeham Homes on future developments.



“Thakeham Homes have taken the decision to install the best Fire alarms available on the market, which in the new build sector of the market is a refreshing and encouraging sign. When it comes to Fire Safety they are leading the way and setting an example that others will surely follow in doing what they should be doing rather than what they have to do. Keeping their customers safe in their new homes is a priority that I am sure will mean a lot to anyone looking to buy one.

Paul Barrett
Regional Specification Manager



Find out more about the 3000 series here:
www.aico.co.uk/series/3000-series