

Fire Doors - How to install and comply

Ⓢ How to install and maintain

Fire doors are specially engineered safety devices that are designed to protect people and property. They must be installed correctly by qualified personnel and regularly maintained to ensure optimum performance in the event of an emergency.

Failure to comply with regulations can result in a two-year prison sentence or a substantial fine. More importantly, it could mean the difference between life and death for building occupants.

Fire risk assessors frequently report on how often they visit buildings where the right fire doors have been installed but fitted inadequately. Modifications are another common issue that can impact on the integrity of a fire door, for example, when fitting a glazed panel as per Building Regulations requirements.

Ⓢ What do you need to know when installing a fire door?

There are four key things to take into consideration when installing a fire door:



1. Certified for peace of mind

All certified fire doors come with detailed installation instructions that should be followed to the letter. A third party certification body will have approved this guidance and it is fundamental to the continued safety and security of the door.

Remember that all other components such as hinges, closers, lock etc. must be CE marked and compatible with the specific fire door.

Did you know? The Q-Mark fire door installation scheme run by BM Trada provides extra assurance for specifiers, contractors and end users on the installation and performance of their fire door. For more information, visit: www.bmtrada.com

2. Modification means de-certification

Any modifications to a fire door such as installing glazed vision panels, new frames and seals etc. will make the existing certification null and void. Getting the specification right at the beginning is the simplest way to ensure your fire door is safe and fully compliant with legislation.

3. Mind the gap

It is important to ensure that there is an appropriate correct gap around the perimeter of a fire door in order for the intumescent seals to perform as required. A constant 3-4mm gap around the doorframe is advisable – any bigger and smoke may be able to get through in the event of a fire.

Did you know? Intumescent seals can expand between 5-10 times their original size to seal the gaps around the perimeter of the door and help hold it in place.

All Fire Doors Plus doors are supplied with a detailed installation guide and include a tube of the correct specification intumescent silicone sealant. This is in

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addition to the double length intumescent strips that are fitted around the external frame, ensuring a safe and secure installation.

4. Closer and closer to fire protection

The closer on a fire door should ensure that it closes completely after use at all times. Fire doors should never be propped open, even in busy areas, as this is both dangerous and illegal.

Did you know? Fire Doors Plus doors come with either a surface closer or concealed, controlled closer. Fully approved by CERTIFIRE, its performance has been tested within the door and frame where it exceeded the FD30s fire test.

Ⓜ Quick checklist: fire door maintenance

The Regulatory Reform (Fire Safety) Order 2005

requires that fire doors in all types of building are regularly checked and maintained in order to ensure effective operation. Some key questions to ask as part of your regular maintenance programme could include:

- Are there are any holes or damage to the door or frame?
- Is the door frame firmly attached to the wall?
- Are all seals, hinges, locks, screws etc. present and in good working order?
- Are all glazed vision panels free from cracks?
- Is there a constant 3-4mm gap around the doorframe?
- Are intumescent seals in place and attached continuously around the frame?
- Is the fire door unobstructed? Is it kept closed when not in use?

Ⓜ Why choose a Fire Doors Plus fire door?

Fire Doors Plus, a leading composite door supplier, supplies a fire door range with independent third party certification that assures performance, quality and reliability. All doors are FD30s compliant and fully approved by CERTIFIRE, providing installers and building owners with complete peace of mind.

Every door in the range is manufactured to a high level of security and complies with PAS023/024 security accreditation, as well as Secured by Design approval. Furthermore, our unique door construction allows for a wide choice of apertures, with 15 different door styles across 11 colours to provide a tailor-made composite door solution. For more information, visit:

www.firedoorsplusltd.co.uk



Fire & Smoke



Pick your delivery



Certifire Approved



Secured by Design



Weather



Security

Source:

Fire Doors, So What? Article featured on Fire Door Safety Week website 2014;

<http://firedoorsdirect.co.uk/3297-fire-doors-8-things-you-might-not-know/>

<http://www.flat-living.co.uk/advice/1100-fire-doors-so-what->

Fact Sheet



Contact Details



**To find out more about our
Fire Doors, please get in touch:**

t: 01362 697152

e. sales@firedoorsplusltd.co.uk

www.firedoorsplusltd.co.uk