

## Fingersafe door safety systems

A unique, patented, inconspicuous and easy to install protection system designed to prevent fingers being trapped in opening and closing doors.

### Introduction

With some 30,000 reported incidents of amputated, mutilated or damaged fingers per year, **Fingersafe** is designed specifically to prevent fingers being damaged in opening and closing doors. Besides the cost in trauma, treatment and disability, the owner or manager of a facility could be held responsible and incur litigation or claim for personal injury. Having identified the need in the market, **Fingersafe** was invented by the company in 1990 and a patent granted in 1992. **Fingersafe** is established nationally and internationally as a world leader in door safety.

**Applications** **Fingersafe** is suitable for use in all butt-hung doors, including fire doors, where door closers are used and where there are high levels of use. Specific buildings using **Fingersafe** are schools and other educational facilities, childcare and healthcare centres and it is also suitable for the elderly and infirm. It is commercially specified for restaurants, supermarkets, fast food outlets, government buildings, public houses and bars.

**Authority** **Fingersafe** is the subject of Agrément Cert. No. ADS022/02, Underwriters Laboratories Ltd (UL) Classification UL25KL and is also the subject of the following patents: European patent No. 0611410, USA patent No. 5,419,084, UK patent No. 2275291, Australia patent No. 9123114, South Africa patent No. 932123.

### DESCRIPTION

**Fingersafe** offers no resistance or restriction to the door operation and allows 180 degree opening. It offers draught exclusion and is a smoke inhibitor. It is available as two full height strips for use on each side of a butt hinged door. **MK1A** is a flexible, concertina fitting, positioned on the inward side of the door and fixed to the door frame and the inside hinged edge of the door itself. When the door is closed the fitting is compressed, but when the door is opened the fitting extends and provides a protective covering over the hinge space. **MK1A** units are installed via a fixing strip which allows easy access to the hinge for maintenance. **MK1B** is a flexible, curved fitting, positioned on the outward side of the door and fixed to the door frame and the outside edge of the door. When the door is closed the fitting forms a closed seal over the hinge. When the door is opened this fitting compresses and provides a stiffened protective covering to the hinge and the space between door and frame.

**MK1B** units have a built-in fixing strip.

**MK1C** units use the standard **Fingersafe** module together with this NEW fixing strip, allowing it to fit bi-fold doors, doors which fit flush to the frames and PVC-U doors.

**Composition, manufacture** The products are manufactured from PVC-U and flexible PVC-U; specifications are available on request.

**Dimensions** Stock length is 2030 mm (6' 8"). Other lengths are available on request.

**Appearance** **Fingersafe** is available in an extensive range of colours, with special colours available on request and possible extra cost.

### PERFORMANCE

Unlike an inferior finger shield or wrap around device, **Fingersafe** allows even a fire door to open to 180 degrees and will not implode into itself under pressure and actually ejects fingers from the opening.

**Fire** **Fingersafe** is 4 hour fire tested by Underwriters Laboratories Ltd (UL), Classification UL25KL.

**Light** Fully resistant to UV light, **Fingersafe** will not tarnish.

**Compatibility** **Fingersafe** is compatible with all types of doors except double pivot.

**Durability** Extensive in-house and on-site testing exceeds 3/4 million operations. Testimonials of product durability are available on request.

### SITWORK

**Installation** Simple to install in only 10-15 minutes.

### ECONOMICS

**Guarantees** A one year guarantee on fair wear and tear is offered - supply only.

### SUPPLY

Products can be supplied nationwide direct from the company. Lead times are available from the company.

### SERVICES

A sample will be supplied to a potential client's building for evaluation purposes.

**Technical Literature** Leaflets, working models and full length samples available on request

### REFERENCES

A list of projects and clients worldwide is available from the company.

**MK1A DOOR OPEN**  
Protection from 'opening' (PUSH) side of doors

**MK1B DOOR CLOSED**  
Protection from 'hinge pin' (PULL) side of doors

**MK1C DOOR CLOSED**  
Protection from bi-fold, (flush fit) and PVC-U doors

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TECHNICAL APPROVAL FOR CONSTRUCTION  
ADS 022/02

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