

PRODUCT OVERVIEW SHEET

FINGERSAFE DOOR SAFETY SYSTEMS

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

Introduction

With some 300,000 reported incidents of amputated, mutilated or damaged fingers in doors per year, Fingersafe is designed specifically to prevent fingers from damaged in the hinged end of doors. Besides the cost in trauma, treatment and disability, the owner or manager of a facility could be held responsible and incur litigation for personal injury. Having identified the need in the market, Fingersafe was developed as the original door hinge guard. Since 1996, Fingersafe has closed the door on injuries in the US.

Applications

Fingersafe is compatible with all types of standard hinged doors including: fire doors, wood, metal, aluminum, YKK type openings and dutch doors. Resistant to UV light, Fingersafe is designed for interior or exterior use. Specific uses include schools and other educational facilities, childcare and healthcare centers, homes for the elderly and infirm as well as residential use. It is commercially specified for restaurants, fast food outlets, as well as government and military buildings.

Compliance

ASTM E 152 - Methods of Fire Tests of Door Assemblies. **NFPA 25** - Standard For The Inspection, Testing, And Maintenance Of Water-Based Fire Protection Systems. **UL 10B** - Fire Tests of Door Assemblies. **UL 10C** - Positive Pressure Fire Tests of Door Assemblies. **CAN4 S-104** - Standard Method for Fire Tests of Door Assemblies. **UBC 7-2** - Fire Tests of Door Assemblies. Complaint for commercial ADA applications.

Description

Fingersafe offers no resistance or restriction to the door operation and allows over 180 degrees of operation. It protects the full length of the door on each side of the hinged end of door. The MK1A is a flexible, accordion shaped fitting designed to actually eject fingers from being trapped or crushed in the "push" side of doors. 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 hinged end space. The accordion piece lies flat against the frame when the door is closed for aesthetically pleasing design. 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 stiff protective covering to the hinge and the space between door and frame. The MK1C units use the standard Fingersafe module together with a new fixing strip, allowing it to fit bi-fold doors, which are flush to the frames.

Materials and Finishes

Made in the USA. PVC (UL V-O rated) with TPE hinges designed for commercial use.

Dimensions Stock lengths are 80 inches, 84 inches, 96 inches
Appearance Available in White (*default*), Black, Brown, Grey and Almond at no extra cost

Performance

Unlike an inferior finger shield or wrap around device, Fingersafe allows even a fire door to open to 180 degrees and actually ejects the finger before an injury can occur. Fingersafe is aesthetically pleasing: the MK1A lies flat against the frame unobtrusively when the door is closed. It also offers draft exclusion and is a smoke inhibitor. A secondary application is the MK1B as a sight seal or privacy guard, as well as anti ligature device.

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

Maintenance Fingersafe is resistant to most household chemicals such as bleach, alcohol and other multi surface disinfectants and may be cleaned with any readily available cleaning products.

Installation Simple to install in minutes. Retrofitted to existing doors using self tapping screws and installation accessories are included.

Availability and Cost

Fingersafe products are stocked in 80", 84", and 96" with a one week turn around. A two year warranty is offered on fair wear and tear, supply only. Samples may be supplied on request to a potential client for evaluation purposes.



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