

Samson HomeGuard

Stylish, contemporary
and durable internal
doorsets

MADE IN
BRITAIN



FIRE DOORS

Available with
60 and 120 fire
protection

TESTED TO
BS 476 Parts 20
& 22
BS EN 1634



Secured by Design



Official Police Security Initiative



Door & Hardware
Federation

raising standards



Samson HomeGuard Overview

60 or 120 min Fire Rated high security door designed for protecting your home, internally between the garage and house.

55mm thick steel hinged external rated door set with factory fitted outer steel frame.

The doors, fitted in internal and external applications in a wide variety of wall constructions, are designed to protect personnel and property from the spread of flames and smoke. Samson Doors offer substantial benefits over comparable timber doors in strength, durability & security. The range has been tested to BS 476 Parts 20 & 22, and BS EN 1634.

VERSIONS

We offer three versions – each providing increased fire protection (latched or unlatched):

UPTO **1 HOUR** (60 minutes) UPTO **2 HOURS** (120 minutes)

DOOR LEAF

Production Sizes: All fire resistant doors are custom made. The maximum size varies according to fire rating as shown below for Mild Steel and 316 or 304 Stainless Steel.

NB: Sizes quoted may exceed manufacturing limitations.

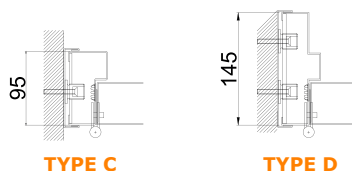
Door Type	Max Width mm	Max Height mm	Max Area m ²
Single Doors Latched (Single Swing)	1370	2830	4.0
	1300	2500	2.96
	1370	2830	4.0
Single Doors Unlatched (Single Swing)	1300	2500	2.96
	2650	2830	4.0
	TBC	TBC	TBC
Double Doors (Single Swing - latched or unlatched, equal or unequally split)	2650	2830	4.0
	TBC	TBC	TBC
	TBC	TBC	TBC
Double Doors (Double Swing - latched or unlatched, equal or unequally split)	TBC	TBC	TBC
	TBC	TBC	TBC
	TBC	TBC	TBC

Thickness:	54mm
Material:	1.2mm Corrosion resistant Magnelis [®] sheets as standard with a variety of colours and finishes available.
Infill:	Self support resin impregnated honeycomb core with option of mineral wool available for improved acoustic performance.
Construction:	A non welded construction from 2 skins of Magnelis [®] folded around a rigid core. Stainless steel 240minute fire rated doors must be fitted with a 'Z' and astragal section to form a rebated meeting stile.

DOOR FRAME

Construction:	Folded from 1.5mm Magnelis [®] . Screw and tab construction with 4 no adjustable fixing feet per jamb. Variable sub frame supplied as standard to accommodate site tolerance of -0/+30mm. Frame is fitted with 3 no class 13 hinges with 2 no dog bolts
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Profile:



WALL CONSTRUCTION

Construction Types:

All Samson HomeGuard's can be used in all forms of Masonry, Concrete and Flexible Stud Wall (cold wall style). When using Timber or Steel Stud Walls the client must ensure they have adequate evidence that the wall can support steel fire doors under fire conditions. 120 Stud Wall constructions should have the walls' reveal face protected by a fire resting board to protect the wall construction.

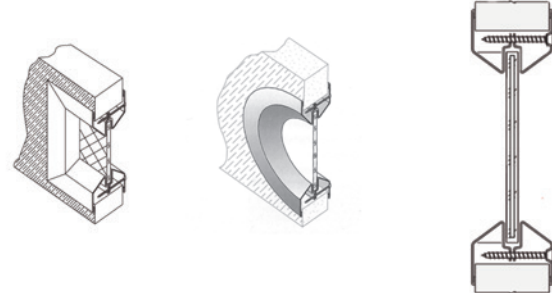
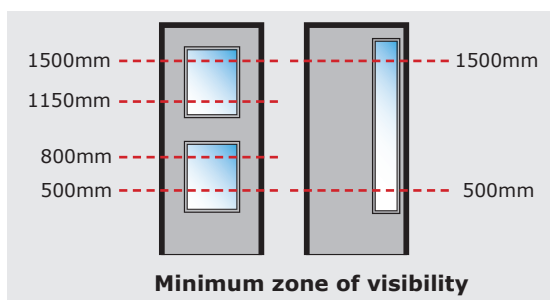
THRESHOLD

Standard			Optional
15mm aluminium (DDA compliant)	5mm aluminium driveable (DDA compliant)	No threshold	15mm steel pressed rebated threshold

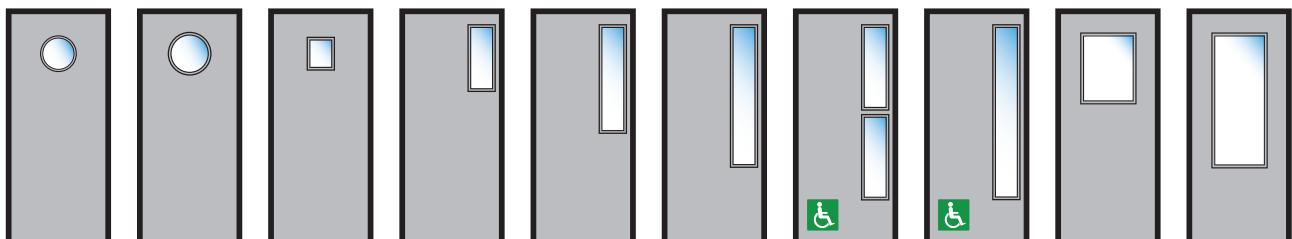
FINISHES

Standard	Optional			
Polyester Powder Coated from Standard Colour Range	Polyester Powder Coated from Non-Standard Colour Range	Woodgrain PVC Laminate	Stainless Steel Brushed, Polished or Patterned	Unfinished for site finishing

VISION PANELS



Standard Vision Panels - max size 508x1524mm per leaf. Please contact Sales for other options.



60 Minutes

120 Minutes

Permitted panel sizes: SSS = Standard Stainless Steel

Material
Max Width mm
Max Height mm
Max Area m²

SSS	Magnelis®	SSS	Magnelis®
396	610	396	610
1631	1854	1631	1854
0.35	0.8	0.35	0.8

Standard glazings available:

Other configurations and sizes available
Please contact the Sales Office on 01933 229135

8mm Firelite Safety* 8mm Firelite Safety*

REGULATORY REQUIREMENTS FOR FIRE TESTING

The Building Regulations for England and Wales Approved document B (Fire Safety, Appendix B) requires that all fire doors should have the appropriate performance:

A. By their performance under test to:

BS 476: Fire test on building materials and structures, Part 22 (Methods for determination of the fire resistance of non-loadbearing elements for a period of minutes). OR

B. Part 2 Classification using data from fire resistance tests. They are tested to the relevant European method from the following:

BS EN 1634-1:200, Fire resistance tests for door and shutter assemblies, Part 1 (Fire doors and shutters).

The building regulations further states that: "Any test evidence used to substantiate the fire resistance rating of a door or shutter should be carefully checked to ensure that it adequately demonstrates compliance and is applicable to the complete installed assembly. Small differences in detail (such as glazing apertures,....) may significantly affect the rating".

VERIFICATION AND CERTIFICATION

All Samson HomeGuard Fire Resistant Doors have been tested to both BS 476 and BS EN 1634

All Samson steel doors are manufactured strictly in accordance with ISO 9000. Samson undertake a regular programme of testing which may modify the information contained depending on latest test evidence. For project specific requirements please contact the sales office on 01933 448850



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