

# DEFENDOOR

— BY FABFRAMES —

BUILDING A SAFER FUTURE



**SIDE SCREEN  
& TOP LIGHT  
OPTIONS**



**Q-MARK CERTIFICATION:**  
Fire, Smoke & Security

## DOORS DESIGNED TO PROTECT

01626 333 713 [defendoor@fabframes.net](mailto:defendoor@fabframes.net) [www.defendoor.co.uk](http://www.defendoor.co.uk)

Defendoor will ensure that your project meets all the necessary safety requirements. To discuss your project requirements in more detail, speak directly to one of our friendly and knowledgeable advisors or email us for more information about our products and services.



# Composite Fire, Smoke & Security Doorset Solutions

The subject of fire doors presents challenges for both the specifier and the door fabricator.

Winkhaus FireFrame® FD30 fire, smoke and security resistant composite doorsets uses the market leading AV2 automatic locking system in conjunction with the three industry leading composite door slabs.

Winkhaus test evidence and accreditation ensures specifiers and fabricators comply with the latest MHCLG Government guideline document Building a Safer Future – An implementation Plan including Advise Note 16 of Annex B of the building regulations.

These documents clearly state the importance of independent 3rd party certification for doorset manufacturers ensuring independent factory production audits are carried out to inspect that doors are manufactured to the exact same specification as the tested doorset, ensuring consistency of fire, smoke and security performance.

## Winkhaus Fire, Smoke & Security Doorset Solutions are:

- + **Fully compliant with the latest MHCLG Government guidelines**
- + **Tested and compliant with the BM Trada Q Mark schemes for Fire, Smoke and Security**
- + **Fire tested to EN1634-1: 2014 & A1:2018**
- + **Smoke control resistance tested to EN1634-3:2004**
- + **Tested to full PAS24 Enhanced Security Standard including durability, weather tightness and cycle testing**
- + **The system that considers the door manufacturer and specifier in equal measure**

## **FireFrame®** with our AV2 autoLocking System

Winkhaus FireFrame® is a low maintenance frame system manufactured from a specially developed GRP (glass reinforced polymer) with fire resistant additives.

FireFrame® has been tested with the AV2 range of autoLocking systems. During fire door testing the AV2 locking points automatically engage into the frame, when the door is closed, limiting door leaf distortion due to the heat, as opposed to conventional locks where the door is tested with only the central latch engaged.

All FireFrame® composite doorsets are fire tested from both the inside and outside of the door, with an average of 51 minutes fire integrity resistance for the 30 minute performance requirement.

The doorset can be supplied fitted with a low threshold allowing wheelchair access. In addition, the AV2 autoLocking system when fitted with a dedicated motor, integrates with multiple access control systems.

Although both EN1634 and BS476 can be used for fire testing as part of the current legislation, Winkhaus only use EN1634 for all primary fire and smoke testing as it is the more onerous and modern standard.

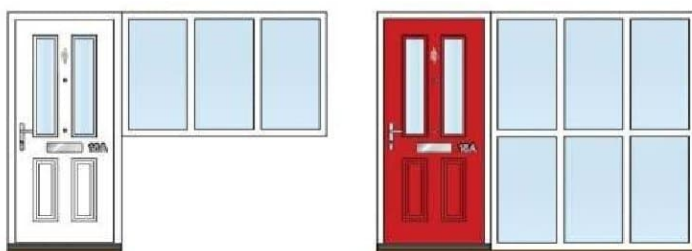
# Composite Fire, Smoke & Security Doorset Solutions

A range of FD30 doors are available, including solid and glazed door styles, with or without top and fanlights and sidelights.

All door styles are available externally in white, blue, red or anthracite grey and internally white as standard.

All door leaves, glazing and intumescent materials are supplied from 3rd party accredited manufacturing facilities.

## Example Configurations



**MHCLG COMPLIANT:**  
Fire, Smoke & Security



**WEB:**  
Winkhaus Evidence Bank



**BS EN 1634:**  
Fire Resistance & Smoke Control



**PAS 24:**  
Enhanced Security



**Q-MARK CERTIFICATION:**  
Fire, Smoke & Security



012

## CERTIFICATE OF REGISTRATION

This is to certify that

### Fabframes Ltd

Unit 8  
Decoy Industrial Estate  
Newbold Abbots  
Devon  
TQ12 5LZ

**BROCHURE COPY!**

Meets the requirements of the BM TRADA **Q-Mark Enhanced Security**  
**Door** scheme to **PAS 24:2016** and **BS 8529:2010 Composite**

**Steve Roberts**  
**Product Certification Operations Manager**  
For and on behalf of BM TRADA

#### Certificate Number

312

#### Date of Initial Certification

12 March 2020

#### Date of Last Issue

20 April 2023

#### Date of Expiry

1 July 2026

BM TRADA is a trading name of Warringtonfire Testing and Certification Limited, Chiltern House, Stocking Lane, High Wycombe, Buckinghamshire, HP14 4ND, UK  
Registered Office: Warringtonfire Testing and Certification Limited, 3rd Floor, Davidson Building, 5 Southampton Street, London, WC2E 7HA, UK  
Reg No. 11371436.

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**BROCHURE COPY!**

Meets the requirements of the BM TRADA **Q-Mark Composite Fire Door  
Manufacture** scheme to **STD 170**

**Steve Roberts**  
**Product Certification Operations Manager**  
For and on behalf of BM TRADA

#### Certificate Number

1713

#### Date of Initial Certification

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# autoLock AV2

## All important aspects at a glance

### Solid Anti-Push Back Hooks

The effective automatic multi-point locking system has two solid hooks, which throw automatically when the door is closed, ensuring complete claw engagement and security against the lock being pushed back. This means the door is securely locked when pushed closed, rendering break-in difficult.\*

### Heavy Duty Steel Keeps

Heavy duty keeps manufactured using high grade steel, plated to comply with Grade 5 corrosion resistance BS EN1670.

### Latch and Deadbolt

Precision engineered alloy sprung latch and nickel plated steel deadbolt provides the autoLock AV2 with maximum strength in the centre of the door. With an added option of an independent central deadbolt with key or thumbturn activation available to suit residential or communal entrance doors.

### High Performance Gearbox

Tested to 100,000 cycles the sprung gearbox offers the lowest possible operating forces and helps prevent handle 'droop'.

### Lifetime adaptability

autoLock AV2 is a part of the 'Winkhaus Family of Locks' with exactly the same routing details as the Winkhaus Cobra, Trulock, Thunderbolt™ and autoLock AV3 locking mechanisms allowing the locks to be interchanged for user requirements or building use.



1 Steel hook

2 High performance gearbox

3 Optional area for motor

4 Europrofile cylinder

\*Please note: For doors with a lever handle on the outer side, the hooks will engage but the door will not automatically lock. To lock the door, you will need to use the key to manually do this.

# autoLock AV2

Ideally suited to FD30 & FD60 Fire Doors

Fire Door tests require doors to be tested in the latch position only, without the locking points being engaged. This is to simulate how a door may be commonly closed, however, it can create problem with achieving a satisfactory fire test result as the door leaf can bow and twist in the heat. The problem is eliminated with AV2 as the lock engages automatically in three positions helping to hold the door leaf in place against the intumescent seals and thereby achieving a 30 & 60 minute fire door rating.



**DLUHC COMPLIANT:**  
Fire, Smoke & Security



**WEB:**  
Winkhaus Evidence Bank



**BS EN 1634:**  
Fire Resistance & Smoke Control



**PAS 24:**  
Enhanced Security



**Q-MARK CERTIFICATION:**  
Fire, Smoke & Security

# DUO DOOR HANDLES

## STAINLESS STEEL DOOR HANDLE

nanocoast®

The Nanocoast® DUO door handle has a 243mm long backplate, and is aimed at the fabricator who wants to offer a high quality designed door handle. The DUO door handle has a tube shaped handle, which gives a very comfortable grip when operating.

As the DUO handle suits all needs - working as an attractive high quality lever handle whilst being DDA compliant - it allows fabricators to carry just one handle in stock to satisfy a number of different applications.

The DUO door handle has a lever that is curved to the door, making it compliant to DDA (Disability Discrimination Act) regulations, making it ideal for applications where aesthetics and compliance are key. As the DUO handle is not BSI Kitemarked, we recommend fitting the Kinetica 3\* Kitemarked Euro Cylinder with it in order to achieve a 3\* Kitemark status for PAS 24 doors.

Available in:



Finish	Product Code	Material Construction
PVD Gold	DH243-DUO-MPSS-NANOCOAST	Stainless Steel
Mirror Polished	DH243-DUO-SSS-NANOCOAST	Stainless Steel
Satin Stainless	DH243-DUO-PVDG-NANOCOAST	Stainless Steel





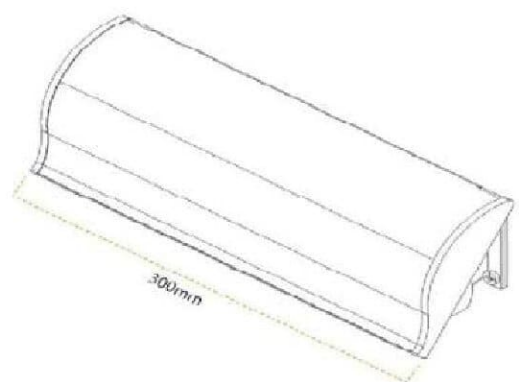
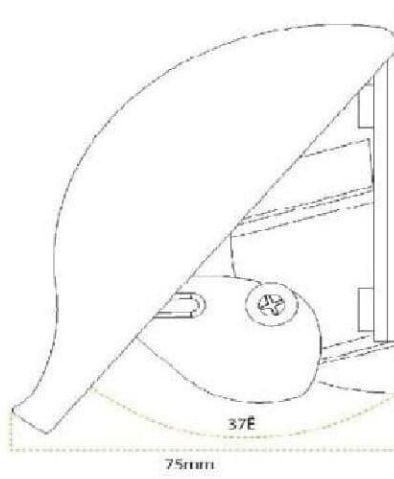
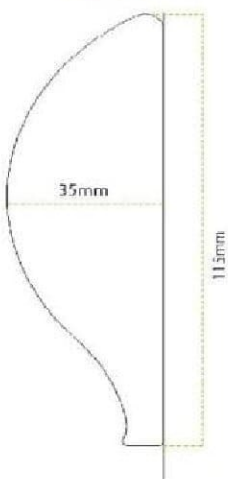
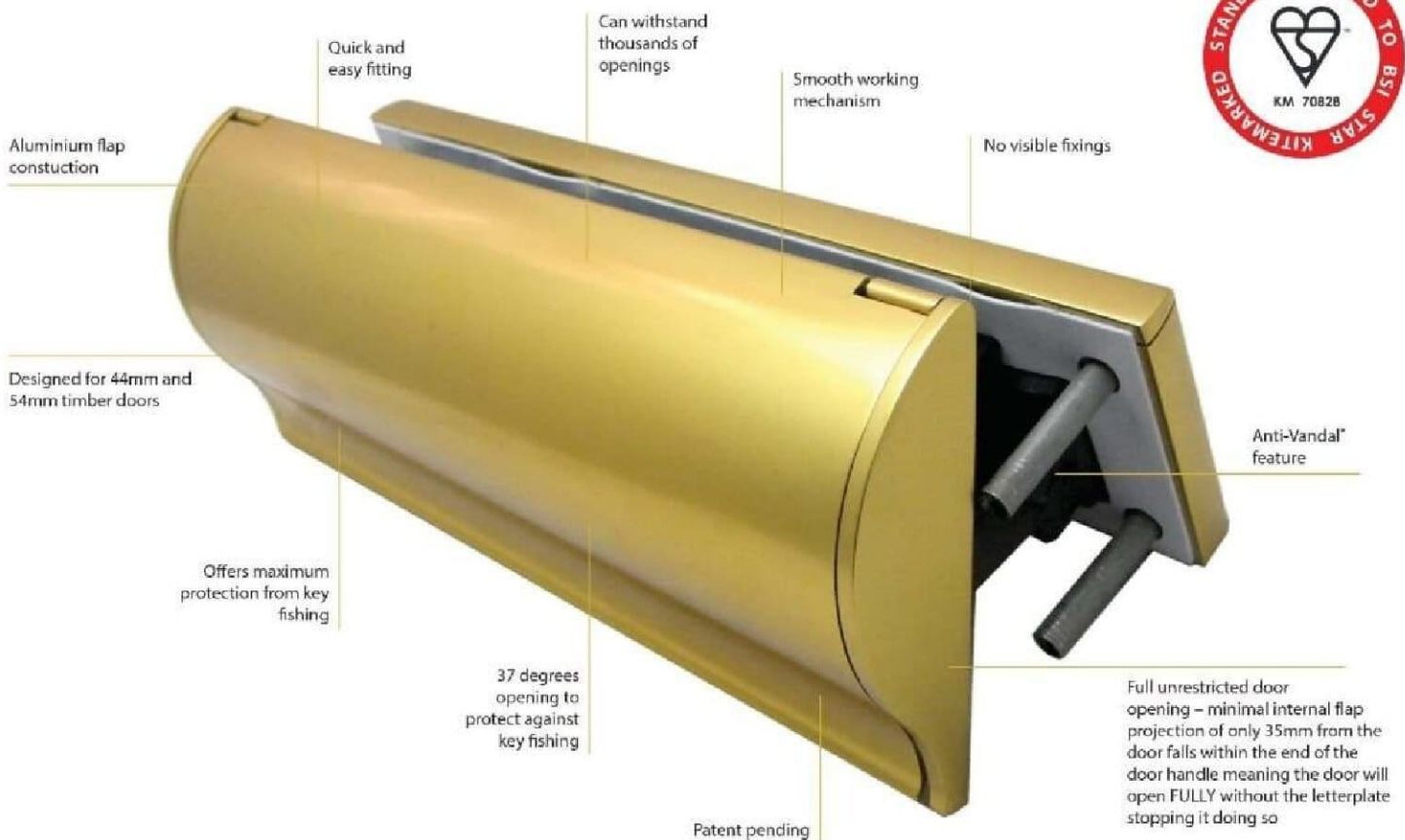
## WHAT IS TS008?

TS008 has come in to effect that sets the advanced security requirements of letterplates. The updated door standard PAS 24:2016, now requires a door fitted with a letterplate that is tested to and meets the requirements of TS008. As well as covering key fishing, TS008 also covers preventing being able to unlock the door through the letterplate, whilst also allowing postal items to pass freely through it.

# TSOTERIAN

## THE TS008 LETTERPLATE

Named after the Goddess of Safety, the Soterian letterplate is stylish, streamlined and secure. It is the ultimate TS008 certified letterplate, made to protect and perfect your door. It is highly engineered with over 120 different processes in each letterplate, setting it apart from anything else currently on the market. It has many features including:



## FIRE RESISTANT DOOR VIEWERS 14mm (35-55mm)

Featuring a number of impressive designs and numerous finishes the Secured by Design Firecheck Door Viewers range will look fantastic on any Composite or Wooden door!

Fire Resistant Door viewers (sypholes) are a great security accessory for your customers, as no door should be opened without first checking who is on the other side. Door security is essential to ensuring a home is safe and once quality locks have been fitted it's key to have fire resistant door viewers.

Many homeowners overlook the importance of really seeing who is on the other side of the door and essentially this can actually be the best way to prevent unwanted guests, break-ins, and scams.

Providing your customers with this important information will help them learn to better protect their homes and keep intruders out.

Each syphole has gone through rigerous testing, and have each been tested to DHF TS002:2009 which covers Corrosion Resistance, Security (Angle of Vision), Visual Clarity, Resistance to Misting Up, Ability to Clear After Misting, Length Adjustment Range and Marking.



### FIRERESISTANT DOOR VIEWERS

Finishes	Product Code	Material Construction	Privacy Cover Included	PVD Head	Lens
Polished Brass	SWALFBR-FR	Brass	Yes	Yes	Glass
Polished Chrome	SWALFCH-FR	Brass	Yes	Yes	Glass





## 6 INCH VICTORIAN URN HIDDEN FIX DOOR KNOCKER

The 6 inch Victorian Urn Hidden Fix Door Knocker has a super-strong, waterproof adhesive covering, so fixing a door knocker has never been so simple. It is an Patented, innovative and original product, which makes it highly desirable amongst customers looking for something affordable, cost-effective and durable.

This innovative Hidden Fix design completely removes the requirement to drill through the door, resulting in a far smoother and cleaner look on the inside. The risk of rot and water permeation is also eradicated, meaning call outs for remedial work on liable water damage will not be necessary. With the correct implementation, Hidden Fix Door Knockers can also be removed with ease and efficiency, leaving no damage to the door.

CLASSIC

Engravable area if needed for logos, text and numerals etc

Waterproof seal stops rusting behind the door knocker

Classic Victorian style look

Available with and without a hole for door viewers

Patented unique hidden fixing mechanism

Comes with colour matched nuts and washers



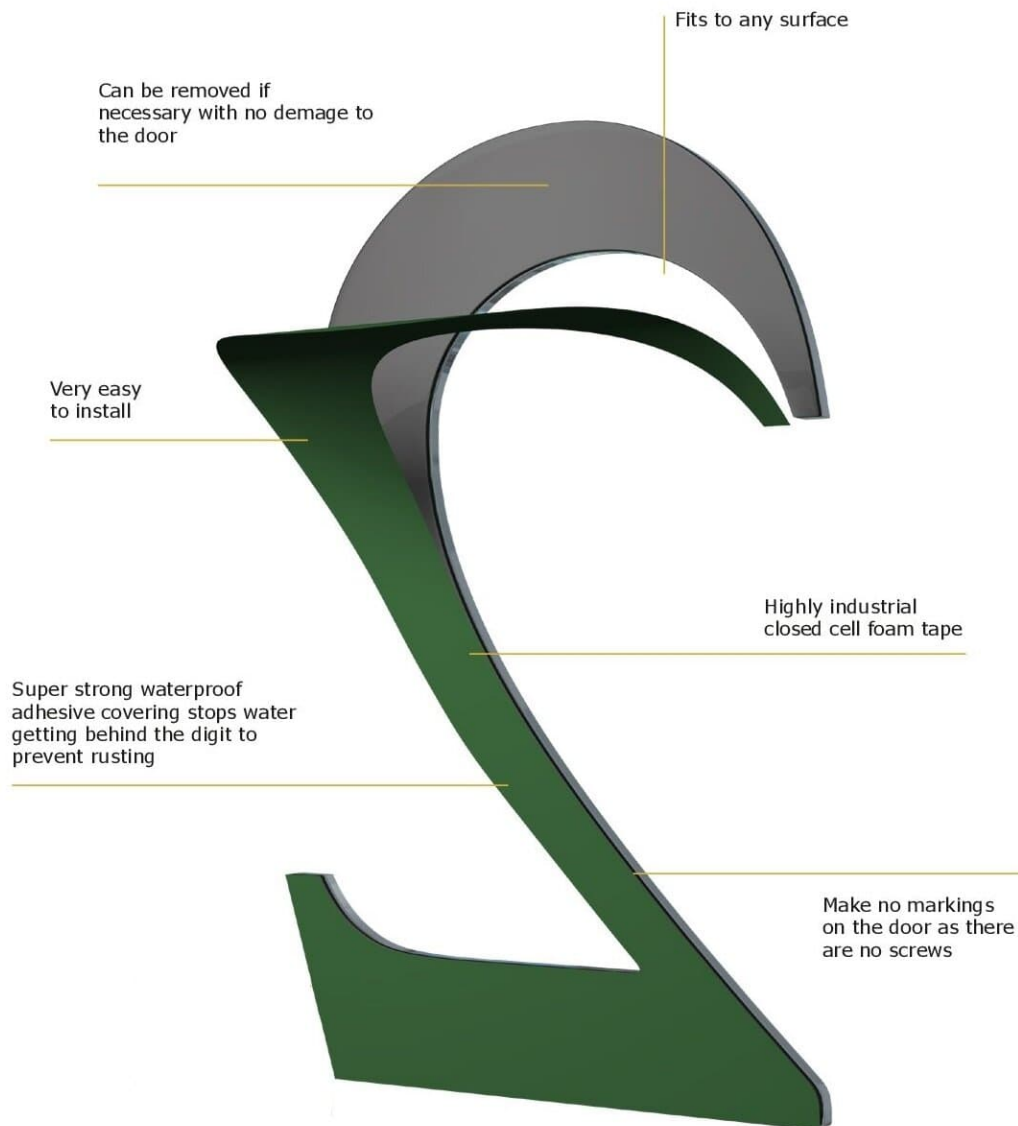
Finish	Solid Code	Material Construction
PVD Gold	V6PVDG-NANOCOAST	Stainless Steel
Mirror Polished	V6MPSS-NANOCOAST	Stainless Steel
Satin Stainless	V6SSS-NANOCOAST	Stainless Steel





## 3 INCH SELF ADHESIVE NUMERALS

The self adhesive front door numbers are 3 inches in height, and are designed in the classic Times Roman font. They are extremely easy to fit, with no skill or tools required to attach the front door number to the door. Each front door number is secured to the door using an industrial closed cell tape, which once set is extremely strong. The front door number will not fall off once attached, but it can be removed if necessary using a Stanley knife. As no screws are used to secure the door number, if the front door number is removed, there will be no damage to the door! The self adhesive tape is also watertight, stopping water getting behind the number to prevent rusting. The door numbers can also be fitted to any door or wall surface!



0123456789

PVD Gold

0123456789

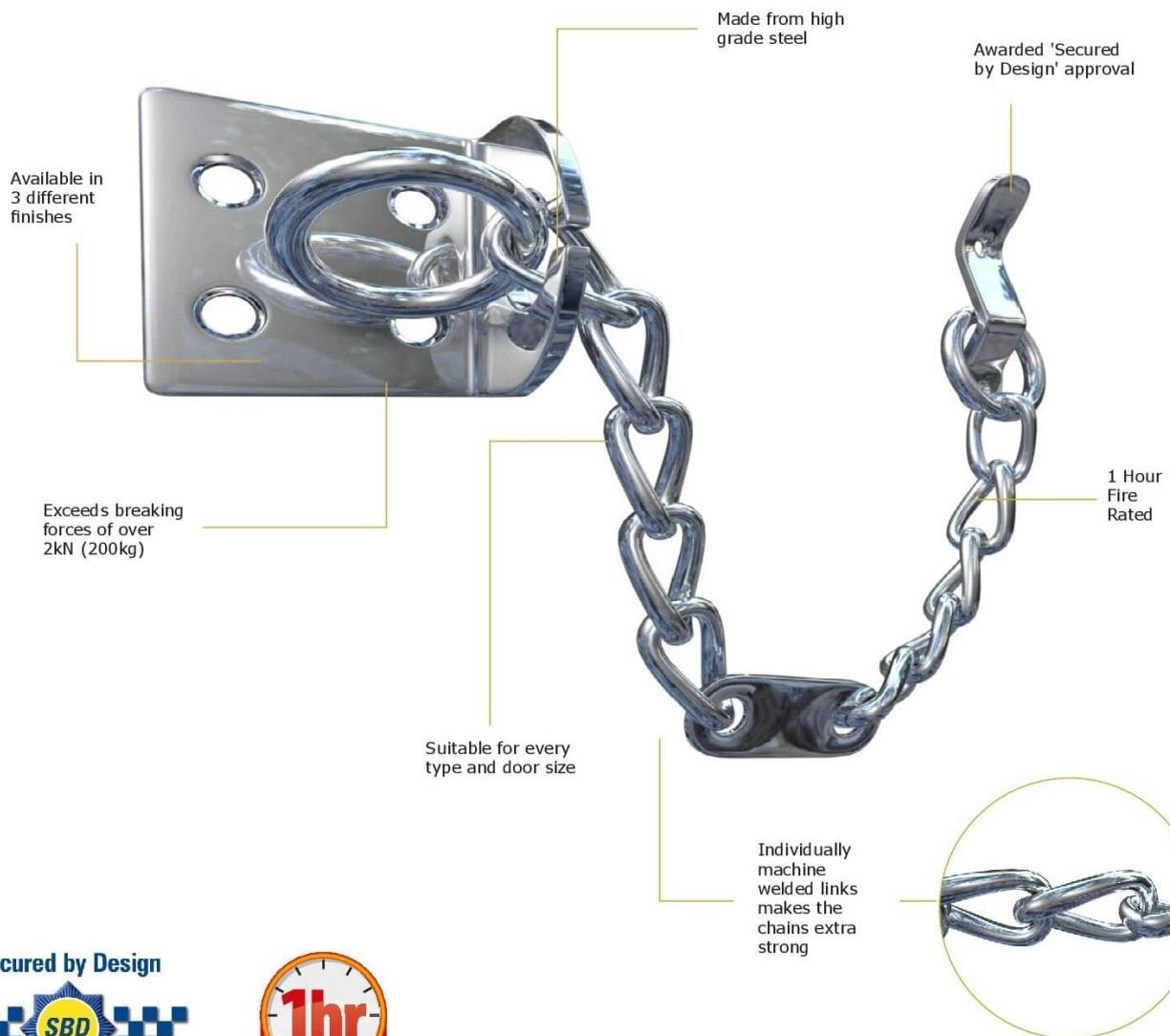
Mirror Polished

Finish	Numbers 0-9	Letters A-C	Material Construction
PVD Gold	0-9TRPVDGSA-NANOCOAST	A-CTRPVDGSA-NANOCOAST	Stainless Steel
Mirror Polished	0-9TRMPSSSA-NANOCOAST	A-CTRMPSSSA-NANOCOAST	Stainless Steel

## TS003:2012 NARROW DOOR CHAIN

The TS003:2012 is the most up to date specification for door chains and limiters and is used in numerous standards within the industry including Secured by Design.

In order to reach TS003:2012, a door chain is tested to see if it can withstand the effects of extreme and repeated force and abuse. The product is put through tests of both 'attack mode' and 'abuse mode' and if it is still intact after these tests have been carried out then it will pass.



# DEFEND<sup>DOOR</sup>

BY FABFRAMES

Classical



Classical Glazed



Esteem



Esteem Glazed



Flush



Esprit 1



Esprit 2L



Esprit 2R



Esprit 3



Esprit 3L



Esprit 3R



Esprit 4



Esprit 4L



Esprit 4R



**Glass Options:** Clear, Stippolyte & Sandblasted

**Colour Options:** White, Black, Blue, Red & RAL colour spraying options.

**Hardware Finishes:** Brushed Steel, Chrome & Gold

Registered in England No: 11677274

Registered office: Unit 8 Silverhills Buildings, Decoy Industrial Estate, Newton Abbot, Devon, TQ12 5LZ