door-stop
INTERNATIONAL

TRUSTED FIRE DOOR SYSTEMS

MASONITE.

MASONITE®

DOORS THAT DO MORE.™

FACTORY PRODUCTION CONTROL CHECKS

10 DAY LEAD TIME

SECURITY OF SUPPLY

EXTENSIVE TESTING REGIME

WE MAKE WHAT WE BURN

ESTABLISHED	QUALITY	SECURITY OF SUPPLY	TRANSPARENCY

DOOR-STOP FIRE DOORSETS

- Part of the Masonite Group, benefiting from years of commitment to fire door safety.
- 'Dedication to Safety' award recognising commitment to safety testing and innovation.
- Key technical personnel with experience within the fire door industry.

Reputational Assurance   Stability   Scalability

- FD30 residential apartment entrance fire doorset – internal application.
- Lead times that support reactive maintenance.
- Flexible and secure production capacity to support large contracts.

Decreased Hassle   Reduced Effort   Product Configurator   10 WORKING DAYS Lead time

- Dual certification – fire and security.
- 30 minute fire resistance performance and smoke tested.
- Secured by Design accredited and certified to PAS24.

SBD PAS 24 Secured by Design Accredited   FD30 Bi-directionally Tested   Product Quality   Tested for Smoke Perfomance

- Furnace testing to understand critical elements to why a door passes and fails.
- We make what we burn - check once, check twice, check again.
- Transparency and access to summary test evidence and certification.

certifire   certisecure   Secured by Design Official Police Security Initiative   Transparency

- Certification and installation documentation supports legal duties to retain construction and fire safety information.
- Trained competent installers are recommended for the installation of fire doorsets.
- Each door individually traceable via a visual label - Digital Golden Thread.

Reputational Assurance   Digital Golden Thread   Social Responsibility   Risk Reduction
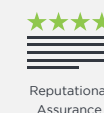
Masonite International, is a global manufacturer of doors with a long commitment to fire door safety. Since 1925, Masonite has provided its customers with innovative products and superior service. As an international organisation, the company received the Underwriters Laboratories' Dedication to Safety award which recognises commitment to safety testing and innovation.

In the UK, Masonite holds a long heritage of demonstrated commitment to fire door certification with established relationships between the British Woodworking Federation (BWF) and Door-Stop International's owners, key players in supporting the introduction of the BWF Certifire certification scheme.

Door-Stop International, part of the Masonite group of companies, creates total fire door systems that are designed to delay the spread of fire and smoke. Given this, it's important to specify and install products that you have the confidence in to perform as intended, when needed. The new Door-Stop Fire and Security Dual-Certified Doorset provides residents and stakeholders in the fire door safety chain with additional layers of assurance

Our new and unique Door-Stop solution has been developed with safety in mind:

- Manufacturing of fire test samples is observed by an independent witness.
- Robust testing regimes - we carry out multiple tests across the range to demonstrate product performance.
- Test to Destruction - to go beyond minimum standard benchmarks to account for furnace variability and provide layers of assurance.
- Transparency and access to summary test evidence and certification to prove performance of the linear gap sealing between the doorset and the wall construction.
- Furnace testing from both directions.
- Dual certification for fire safety and security performance.
- Digital 'Critical to Safety' manufacturing, monitoring and recording controls specification and traceability of every doorset.
- A unique label is applied to each doorset that provides traceability to the specific order, raw materials and components.

Reputational Assurance	Stability	Scalability

APPLICATION

The application (area in which the product is suitable) of fire doorsets is dependent upon the purpose of your building's requirements and the project itself. Our online configurator makes it easy to access quotations and ensures you order a door tailored to your needs.

BUILDING REQUIREMENTS

REACTIVE MAINTENANCE	✅
REFURBISHMENT PROJECTS	✅
NEW BUILD	✅

Product Quality   Variety
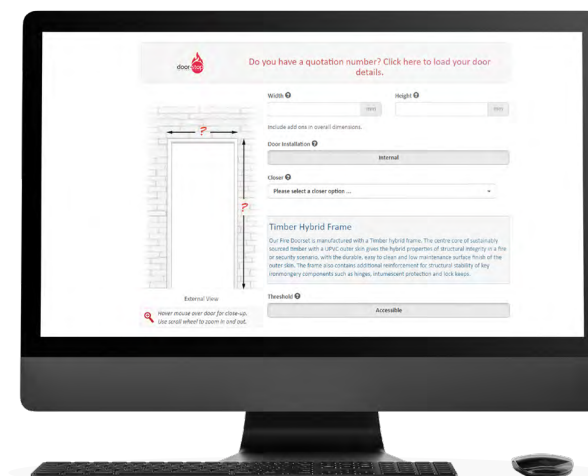
CONFIGURATOR TOOL

Reduced Effort   Product Configurator

Our configurator tool has been designed to ensure fire door compliance factors have been considered when designing your doorset.
Every door is designed to be compliant.

	Suitable for FD30 application	Tested for cold smoke leakage	Certifire	Certisecure	SBD accredited
SINGLE CERTIFICATION	✅	✅		-	-
DUAL CERTIFICATION	✅	✅			✅

CLICK ON THE CERTIFICATION NUMBER ABOVE TO ACCESS THE CORRESPONDING CERTIFICATE

Reputational Assurance

Digital Golden Thread

Transparency

Risk Reduction

INSTALLATION RECOMMENDATIONS

Fire Doorsets are life safety products. They are complex systems of components, tested and independently third party certificated.

To achieve **FD30 performance**, Door-Stop fire doorsets must be installed in strict accordance with the certificate, data sheet and installation instructions.

It is your responsibility to:

- Follow the guidance correctly, in full.
- Ensure that the doorsets are installed by a competent installer, using the correct materials to the exact specification.

Failure to follow the instructions and install the doorsets to the specified standard may compromise the performance of the doorset in a fire, and will resultantly invalidate the certification of the fire doorset and the warranties provided.

It is the building designer's responsibility, not that of Door-Stop, to:

- Ensure the correct doorset specification is used for the particular development, construction or building type.

Minimum criteria certification requirements must be followed in their entirety in order to ensure a compliant installation.

INSTALLATION RECOMMENDATIONS

DOCUMENTING THE INSTALLATION

Door-Stop recommend that the installation be documented in order to demonstrate methods and materials used for installation, as it may need to be scrutinised by third parties to evaluate compliance. Documentation of installation may include (the following list is a recommendation and is not exhaustive):

- A copy of the Door-Stop Fire Doorset installation instructions.
- Record of the unique traceability number on the label.
- A copy of the supporting documentation of the chosen perimeter wall to frame lineal gap sealing materials and methods.
- Documentation of checks or inspections that were undertaken throughout the installation process.
- The date and identity of who carried out the installation.
- The specification of fixings.
- Photographic or film evidence of the installation process.

COMPETENT INSTALLERS

It is recommended that competent installers are used for the installation of fire doorsets. One way of demonstrating competence is to engage third party certificated installers.


TRACEABILITY AND CERTIFICATION

Traceability labels on the hinge edge of the door leaf provide a critical traceability link from the specific doorset back to the manufacturer and relevant certification throughout the life service of a product. The label references the specific certificate and data sheet relating to the doorset, and the unique traceability number of the label provides traceability to the manufacturing processes, raw materials and components that relate to the specific doorset.
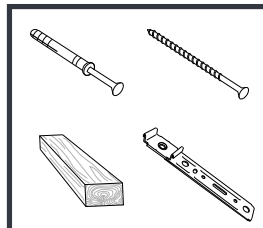
INSTALLATION | Support
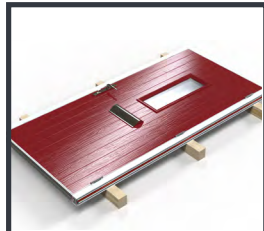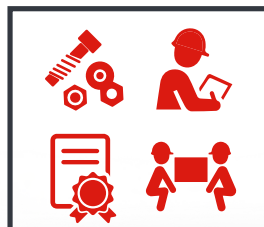

Before you Start
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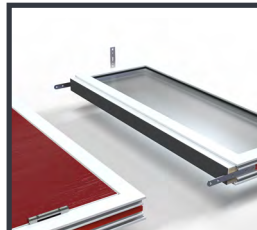
Toplight Instructions
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Installation Process
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Materials Required
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Lineal Gap Sealing
between Wall and
Doorset Frame
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Critical Information
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FIRE DOORSET
INSTALLATION GUIDE

- CHECKING THE OPERATION OF THE DOORSET
- LOCK ENGAGEMENT
- CYLINDER AND KEY OPERATION
- ADJUSTMENT TO THE KEEPS
- DOOR CLOSER ADJUSTMENT
- GAPS
- FITTING OF FIRE DOOR KEEP LOCKED SIGN

Final Checks
p.18

VALIDATION | Digital Golden Thread

TEST REGIME

Digital
Golden Thread

INSTALLATION

Transparency   Reputational Assurance   Risk Reduction   Product Quality

WHAT WE MAKE IS WHAT WE BURN

Door-Stop only undertake fire tests on a product that has been sampled in the presence of an independent witness, the test verified by an independent third party and the factory control process audited on a regular basis. With independent monitoring of the test and manufacturing process, with documented observations recorded, it is the layers of assurance that the stakeholders need.

WHY IT MATTERS:

- How do you know that the doorset that was originally tested is not a "lab queen" (a product that has been finely engineered to pass a furnace test and to a specification that is not repeatable in volume manufacture)?
- How do you know that a manufacturer has declared the accurate specification of the doorset on the fire test report, using the specification of components that they intend to make the door with?
- Do you only rely on one test? Is it documented that the sample was verified by an independent third party? Are you confident that the hidden components in your manufactured doors are the same as those tested?

HOW DOOR-STOP HELPS MITIGATE YOUR RISK:

Door-Stop only undertake fire tests on a product that has been witnessed and verified by an independent third party. This means that the regular manufacturing process is observed, a sample is removed under regular production conditions and the material and manufacturing parameters verified, to ensure that the parts of the doors that can't be seen (such as the core material) are documented. The doorset is permanently marked by the witnesses and documented. These documents are cross checked at the fire test stage and included in the furnace report. This demonstrates that the fire doorset tested is the same as the sample produced under witness. Door-Stop production is regularly independently audited to ensure the same specification is produced, ensuring we make what we burn.

PRIMARY TEST EVIDENCE – WE BURN TO PASS AND WE BURN TO FAIL

At Door-Stop, we undertake multiple furnace testing across the full range of our Fire Doorsets to understand not only what makes a door pass, but also what makes a door fail. Our technical team are dedicated to all elements of the 'pass' process to ensure the specification, production and design delivers a door that performs when required.

We also go the extra mile to provide transparency through access to summary test evidence and certification for all stakeholders and third-party certification bodies alike.

WHY IT MATTERS:

- Furnace testing is subject to variation and this means that one day a door could pass, and on the next day that same specification might fail.
- Ask your manufacturer to confirm how long the test runs for. With furnace variability, relying on one furnace test that was stopped close to 30 minutes could be a risk.
- If you are only relying on one primary test, with a small factor of safety or overrun, how do you have the assurance that a product will pass a test repeatedly?
- If you are relying on the primary test evidence from only one test, or if a manufacturer has only furnace tested one door, how can you; the stakeholder or duty holder, comprehend and validate the performance of these doorsets?

HOW DOOR-STOP HELPS MITIGATE YOUR RISK:

At Door-Stop we have undertaken multiple fire tests across the our range of doorsets, gaining thorough knowledge of our product, with the objective of understanding what makes a product pass, but also the contributory factors which make a product fail.

As the first Certifire Dual certificated manufacturer to list the primary test evidence reports in our certificate, we've also access to summary test evidence and certification is made available to stakeholders and third party certification bodies alike, in order for them to provide independent, expert opinion in regard to top performance.

The following fire resistance test report numbers have been used to provide the scope contained within CF 5863 and has been sampled in accordance with TS10.

CFR 1712081	CFR 1808291	CFR 1808301	CFR 1809201
CFR 1810121	CFR 1812041	CFR 1812051	CFR 1902051
CFR 1903121	CFR 1910221	CFR 19120231	CFR 1911201
CFR 1912172	CFR 1912181	WF 348533	WF 384028
WF 384034			

The above referenced fire resistance test data includes doorsets opening both towards and away from the furnace conditions proving the suitability of fire exposure from either direction.

DUAL CERTIFICATION

Door-Stop is one of the few fire doorset manufacturers to test and certify our doors for both fire and security. Ensuring our products meet the Certisecure CS 5112/Certifire CF 5863 standards means at the heart of what we do is a holistic approach to the resident's safety needs.

WHY IT MATTERS:

- There are many doorsets that are placed on the market that have fire certificates and security certificates.
- There are only a few doorsets that are truly dual certificated for fire and security with the identical specification.
- Whilst ensuring a product is fit for purpose and meets expectations where fire safety is concerned, why wouldn't you simultaneously consider the security needs of said product to comfortably exceed fit for purpose status?

HOW DOOR-STOP HELPS MITIGATE YOUR RISK:

Door-Stop fire doorsets are certificated by Warringtonfire under the following certificate numbers:

• Certifire CF 5906 (Certificated for Fire).
• Certisecure CS 5112/ Certifire CF 5863 (Certificated for Security and Fire).

By opting to manufacture fire doorsets as dual certified, and simultaneously making summary test evidence and certification access available, we aspire to provide reputational assurance in the quality of our product making a fire doorset that is truly fit for purpose.

CHECK ONCE, TWICE AND THEN CHECK AGAIN – THE DOOR-STOP CTS FRAMEWORK

There are no second chances with fire doors, the specification must be maintained throughout the manufacturing process. Door-Stop have developed a digital Critical to Safety framework (CTS) system that allows layer upon layer of checks throughout the production process, providing the needed level of assurance, for the stakeholders, around our certification.

WHY IT MATTERS:

- The stakeholders in the procurement process should ensure their suppliers are not relying on limited or irregular checks on production.
- The slightest change in specification can impact the fire performance of a doorset.
- Fire doors are part of the stakeholders passive fire protection strategy for a building, they are a safety element that has 'critical to life' safety properties.
- Recommended in the Hackitt report, the draft Building Safety Bill is suggesting that stakeholders will have a digital golden thread of information on the critical to safety elements of their buildings.
- As a stakeholder, you need to confidently validate, now and in the future, the journey of your selected product from test sample, through production and the full lifecycle of the product.

HOW DOOR-STOP HELPS MITIGATE YOUR RISK:

As a responsible manufacturer of life safety products, Door-Stop ensures our products are checked multiple times through our digital 'Critical to Safety' framework. This provides the stakeholder with a clear journey and golden thread of information.
We manufacture the doorsets from raw components only, which means we oversee every detail of the doorset construction. We know and track every material, control, processes and specification of every component. By knowing our product inside and out, we create a permanent digital golden thread of information for each product.
Offering the confidence and reassurance that we, your supplier, have recorded every element of the production journey to be appraised at any time, is the very essence of the Digital Golden Thread.

SATISFYING CDM REGULATIONS AND INSTALLATION CERTIFICATION DOCUMENTATION.

With the new Construction (Design and Management) Regulations (CDM 2015) in place, Door-Stop provide full installation instructions, videos and additional resources, outlining the safe and compliant installation regime of your fire doorset product, to ensure the CDM regulation requirements of providing the relevant safety information for the product's installation and service life is satisfied and adhered to.

WHY IT MATTERS:

- CDM identifies responsibilities of suppliers in regard to the safety of construction products.
- Construction companies will need to provide information, instruction, training and supervision, with workers having their training needs assessed against the needs of the job and employers to meet the gap in skills knowledge through appropriate training.
- Crucially if you supply fire door assemblies or doorsets the new CDM regulations may make it your responsibility to provide safety information regarding the use of a product throughout its installation and service life to be kept as part of the CDM file for the building.
- This includes installing a product correctly and providing installation and maintenance instructions to the building manager or customer in order for them to be able to inspect and maintain the fire door product safely.
- The designer's role when preparing or modifying designs is to eliminate, reduce or control foreseeable risks that may occur during construction or maintenance and use of a building after it's been built. The designer also provides information to other members of the project team to help them fulfil their duties.

HOW DOOR-STOP HELPS MITIGATE YOUR RISK:

Door-Stop has stepped forward in providing full installation instructions, videos and additional resources, outlining the safe and compliant installation regime of the fire doorset product. Furthermore, we hold primary test evidence and certification of our doorset product, including specifics such as testing with the lineal gap sealing method and material. We are providing the extra step in the design and consequent testing of our products, to reduce hassle and improve product quality for the safety of its user.

PRODUCT TRACEABILITY ACCESS TO SPECIFICATION AND CERTIFICATION

Door-Stop prides itself upon transparency by providing all products with a visible traceability label containing a unique sequential number. This label relates to the specification and certification of the doorset which is available from our website for ease of access, product transparency and to offer the layers of assurance our stakeholders require.

WHY IT MATTERS:

- Without product traceability, how can you, the dutyholder, the buyer, the resident, be sure that the product installed is identical to the door that was tested?
- In one year from installation, how will you remember what type of door it is, who the manufacturer was and what specification it has been manufactured to?
- How will stakeholders regularly check the doorset for compliance with specification?
- In fact, how can you be sure that it is even a fire door?
- If you don't have access to full product labelling, traceability and the fully published information of the product, how can other stakeholders manage this product throughout its lifetime?

HOW DOOR-STOP HELPS MITIGATE YOUR RISK:

Traditionally, manufacturers hide their specification behind closed doors making it extremely difficult for stakeholders to scrutinise and verify the specification. At Door-Stop we manufacture Fire Doorset products with a fixed and visible traceability label containing a unique sequential number. This label provides the visible link back to the certification at the manufacture of that individual doorset. As we are determined to avoid any ambiguity, specifiers, purchasers and residents can access the key features of the specification and associated certification. Each doorset has a unique serial number that aids traceability of the product where specification compliancy is concerned. Tiny differences in specification can have a negative impact on a doorset when tested, so we intend to avoid this by demonstrating product traceability and specification transparency from the outset.

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PRODUCT AND SPECIFICATION

SINGLE CERTIFICATION	FD30S Fire doorset tested to BS 476: Part 22 or BS EN 1634-1:2014. Certificated to BS 476:Part 22 by Warringtonfire. Certifire scheme. Certificate number CF 5906. Tested for cold smoke leakage to BS EN 1634-3. Capable of meeting Approved Document Q (Part Q), Security – Dwellings.
DUAL CERTIFICATION	FD30S Fire and Security doorset tested to BS 476: Part 22 or BS EN 1634-1:2014 Certificated to BS 476:Part 22 and PAS 24:2016 by Warringtonfire Certifire and Certisecure schemes. Certificate numbers CS 5112 / CF 5863. Tested for cold smoke leakage to BS EN 1634-3. Accredited by Secured by Design.
INTEGRITY/ INSULATION	Door-Stop fire doorsets are certificated for 30 minutes fire integrity and only suitable for use when fire insulation is required if the doorset has less than 20% of un-insulating glass, including any toplight.
FRAME	Timber hybrid frame. Low maintenance UPVC outer skin with sustainable sourced timber core reinforcement providing structural stability for all key comportments.
TOPLIGHT CONSTRUCTION	Four sided frame with dedicated hardwood coupler.
THRESHOLD OPTION	Low threshold in aluminum for accessibility.

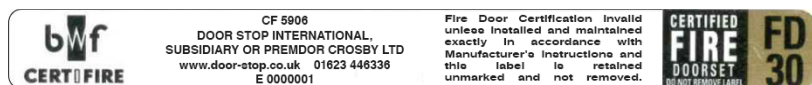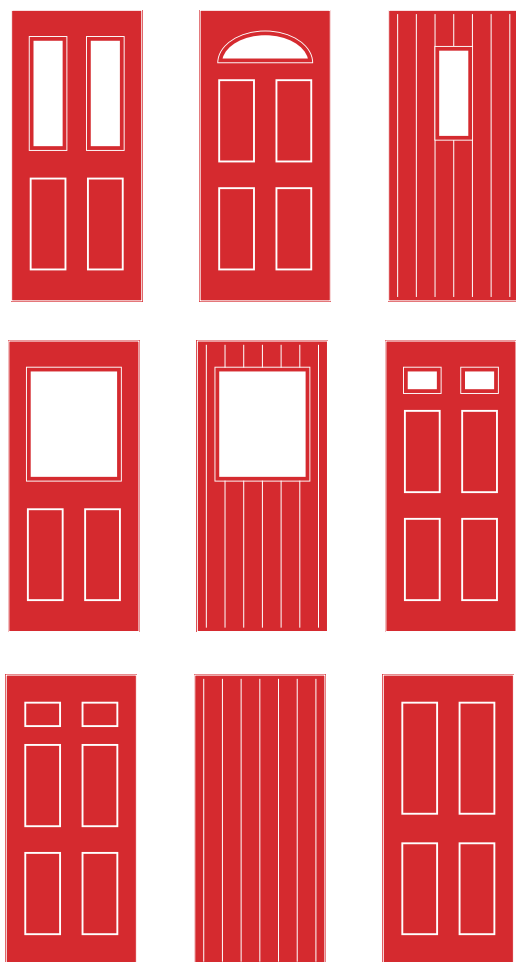|	
LOCKING MECHANISM	GU Multipoint slam lock with intumescent protection.
THRESHOLD OPTION	Low threshold in aluminum for accessibility.
LOCKING MECHANISM	GU Multipoint slam lock with intumescent protection.
CYLINDER	UAP Kinetica Euro Cylinder. BSi 3* Kitemarked.
GLAZED APERTURES	Insulated glass unit, argon filled with 7 mm Pilkington Pyrodur and 6.8 mm thick Pilkington K Clear laminated glass or Pilkington K P1A Stippolyte glass.
GLAZING CASSETTE	Colour matched cassette.
HARDWARE / FURNITURE	Certifire approved TS008 letterplate with security cowl. Eyeviewer available at low and high height for wheelchair accessibility. Trojan Surface mounted knocker. Fully suited in gold /chrome. Trojan surface mounted urn knocker. Fully suited in gold or chrome.
HANDLE TYPE	Lever/Lever Solid Spindle.
HINGE TYPE	3 x Grade 13, CE marked stainless steel butt hinges in chrome with intumescent protection.
CLOSER	Certifire approved surface closers, Dorma TS72V arm closer and Dorma TS92 slide arm closer. Pilot holes prepared for installation on site.

SINGLE CERTIFICATED

CF 5906
DOOR STOP INTERNATIONAL,
SUBSIDIARY OR PREMDOR CROSBY LTD
www.door-stop.co.uk   01623 446336
E 0000001

Fire Door Certification invalid unless installed and maintained exactly in accordance with Manufacturer's instructions and this label is retained unmarked and not removed.

CERTIFIED FIRE DOORSET FD 30
DO NOT REMOVE LABEL

DUAL CERTIFICATED

DUAL CERTIFICATION CS 5112 / CF 5863
DOOR STOP INTERNATIONAL,
SUBSIDIARY OR PREMDOR CROSBY LTD
www.door-stop.co.uk   01623 446336

Fire Door Certification invalid unless installed and maintained exactly in accordance with Manufacturer's instructions and this label is retained unmarked and not removed.

CERTIFIED FIRE DOORSET FD 30
DO NOT REMOVE LABEL

warringtonfire CERTIFICATION
certifire   certisecure
CS5112 / CF5863 / 20 / 000001
Door-Stop International
Door-Stop International Fire and Security Door
TEL: 01623 446 336

Dual scope fire and security certification invalid unless installed and maintained exactly in accordance with the manufacturer's instructions and this label is retained unmarked and not removed.

CERTIFIED FIRE DOOR FD 30
DO NOT REMOVE LABEL
PAS24:2016 D

Door-Stop International Limited reserves the right to alter specifications and descriptions without prior notice as part of our policy of continual development. This may affect pricing within your quote.
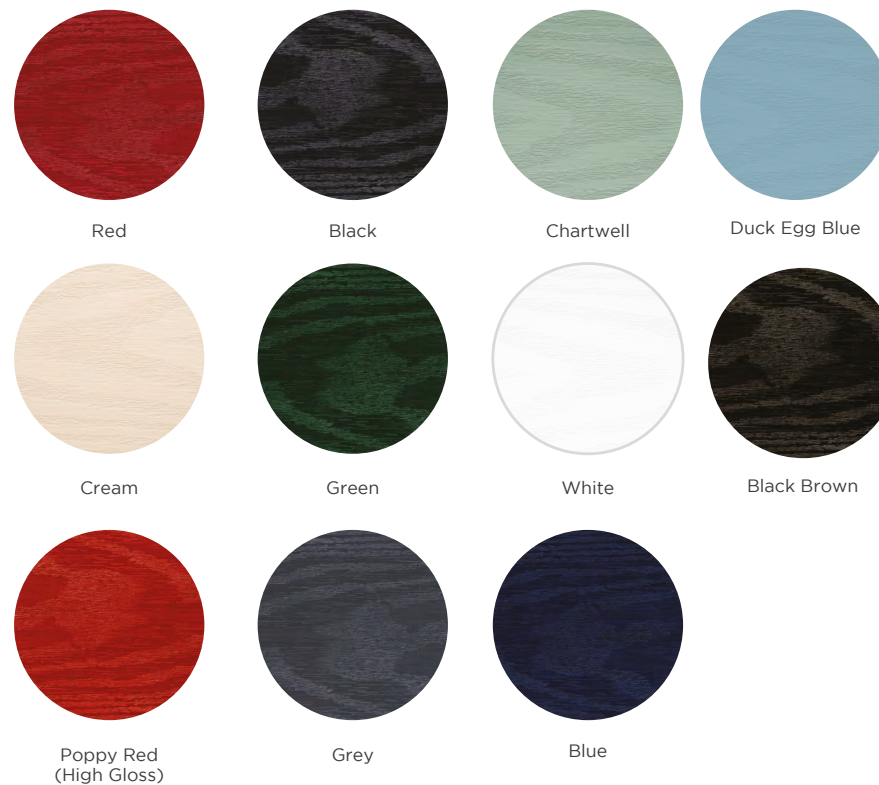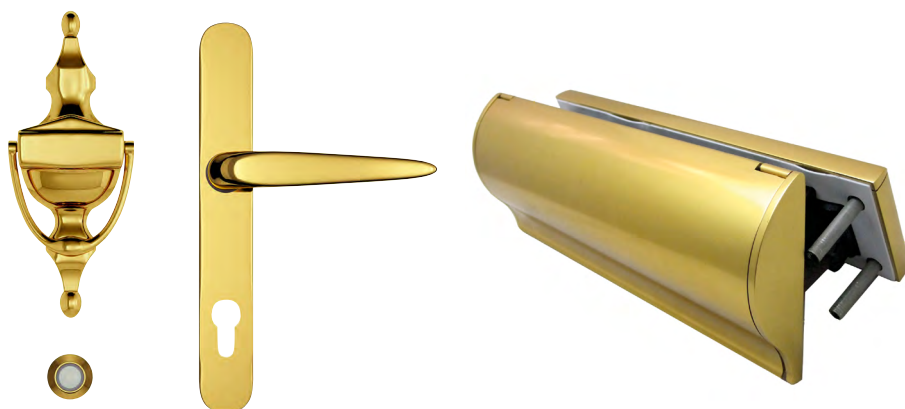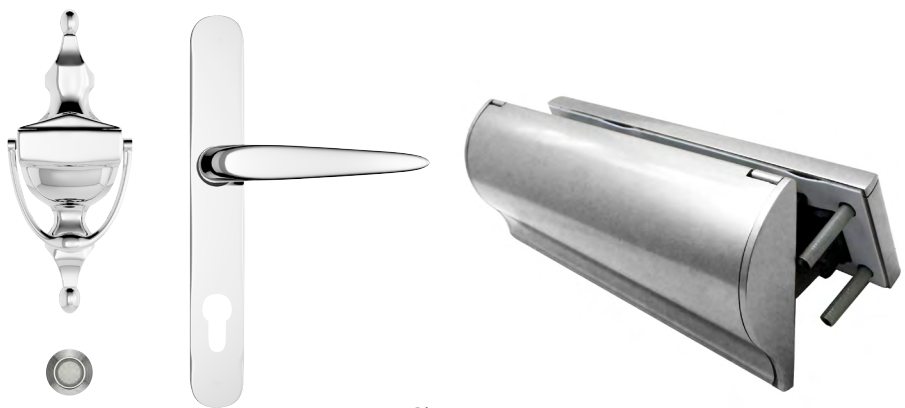
SPECIFICATION | Styles

DOORSET STYLES

DOORSET COLOURS

Internal & external combinations available

Red

Black

Chartwell

Duck Egg Blue

Cream

Green

White

Black Brown

Poppy Red
(High Gloss)

Grey

Blue

SPECIFICATION | Accessories

FURNITURE COLOURS

Gold

Chrome

LOCK & CYLINDER

UAP Kinetica 3H
BSi Kitemarked Euro Cylinder

GU Multipoint Lock

GLASS OPTIONS

Clear

Stippolyte

CLOSERS

The Door-Stop fire doorset is available with two options of surface mounted door closers. The TS72 closer can be fitted on the internal face of the door only, and the TS92 slide arm closer is suitable to be fitted to the internal or external face of the doorset. Both closers are available in gold and chrome finish and the fixing positions are pilot drilled for installation on site.

DORMA TS72

SURFACE MOUNTED

- ✓ Rack and pinion v-arm closer
- ✓ Surface mounted on internal face of doorset
- ✓ Variable closing force EN 2-4
- ✓ Tested and CE marked to EN 1154
- ✓ Third party certificated by Certifire under CF 268
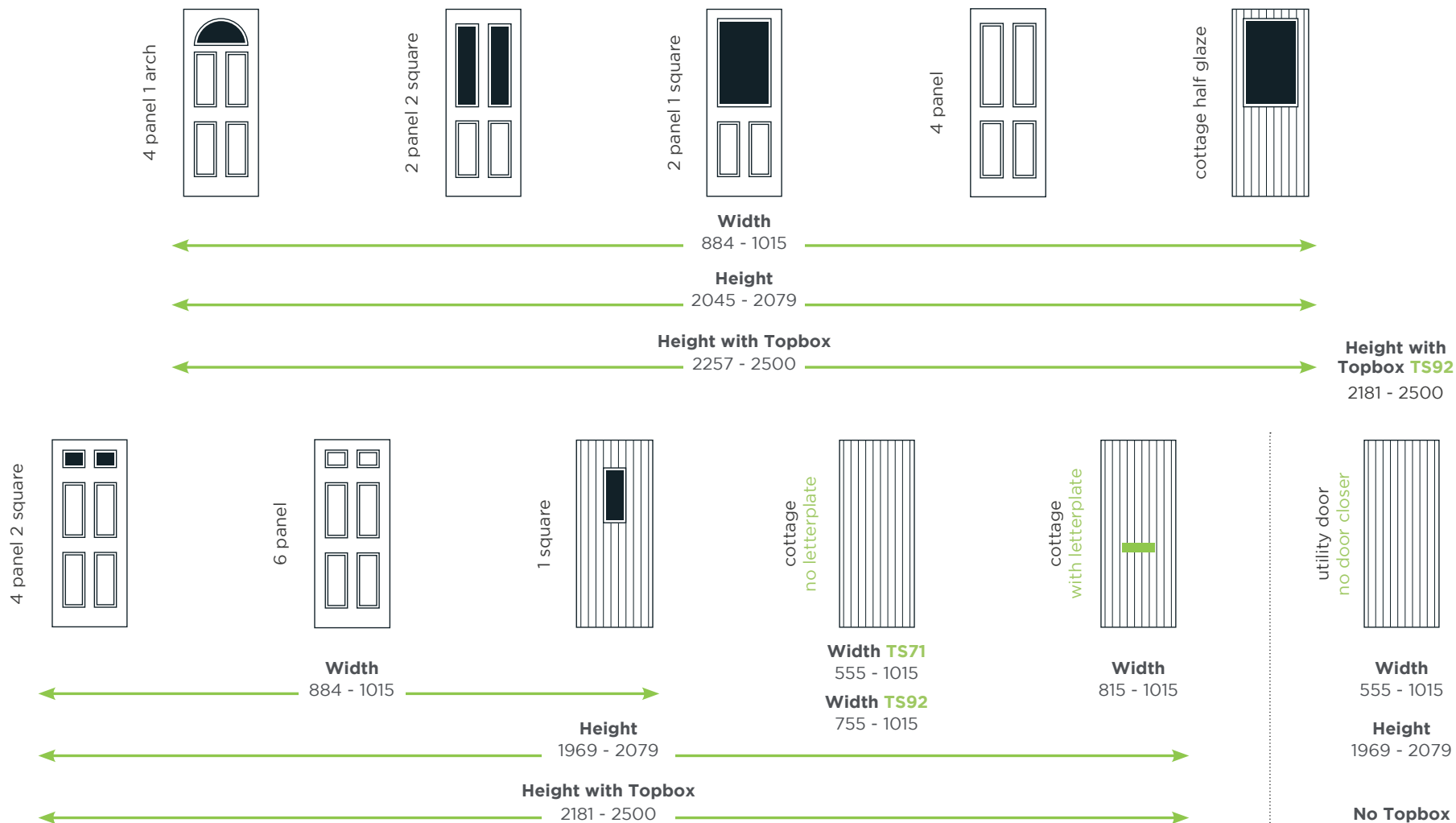
Also available in Gold

DORMA TS92

SURFACE MOUNTED

- ✓ Cam action, slide arm closer
- ✓ Surface mounted on internal or external face of doorset
- ✓ Variable closing force EN 1-4
- ✓ Tested and CE marked to EN 1154
- ✓ Third party certificated by Certifire under CF 119

Also available in Chrome

4 panel 1 arch

2 panel 2 square

2 panel 1 square

4 panel

cottage half glaze

Width
884 - 1015

Height
2045 - 2079

Height with Topbox
2257 - 2500

Height with Topbox TS92
2181 - 2500

4 panel 2 square

6 panel

1 square

cottage
no letterplate

cottage
with letterplate

utility door
no door closer

Width
884 - 1015

Width TS71
555 - 1015

Width TS92
755 - 1015

Width
815 - 1015

Width
555 - 1015

Height
1969 - 2079

Height
1969 - 2079

Height with Topbox
2181 - 2500

No Topbox

Topbox Min 212 - Max 421   All measurements in mm

DOORS
THAT
DO
MORE ™

M MASONITE.

WWW.MASONITE.CO.UK/FIREDOORSETS