



Firedoor60

The Wood & Steel Fire Door
Specialist Designed to fit your
Home and Workplace

info@firedoor60.co.uk - 01206 913 213

Environmental House, Drakes Lane Industrial Estate, Boreham CM3 3BE

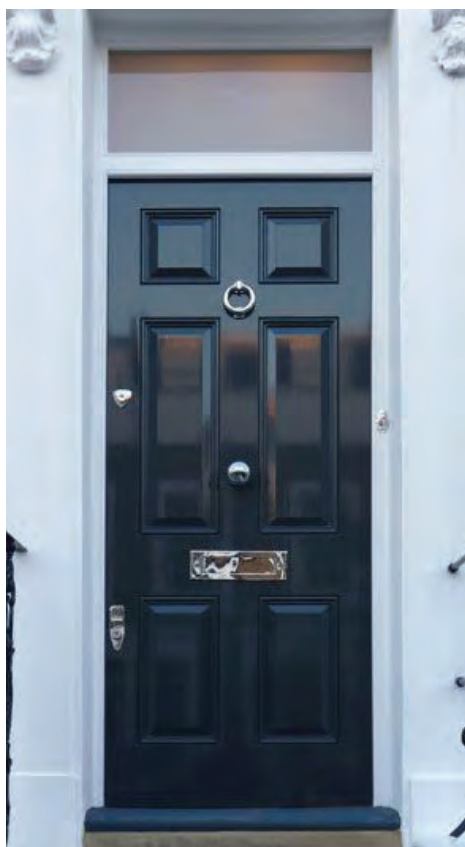
www.firedoor60.co.uk

Fire Safety

Testing

The Modernistic Range has undergone testing at major independent UKAS accredited test houses. Successfully tested from both sides, with glazed doorsets in large full scale test to BS476-22 with side panels and fanlights; and with the glazed doorsets from the opposite side to BS476-22. The Modernistic has also undergone full scale smoke and acoustic tests, achieving excellent results.

“full scale fire, smoke and acoustic tests achieving excellent results”



Smoke Control

“effective integral smoke control”

The importance of smoke control cannot be underestimated. The Modernistic is successfully tested in full scale smoke tests to EN1634-3:2004 at an independent UKAS accredited test laboratory. Tests cover wide glazed side screens and panels as well as large glazed fanlights.

The Greenfire™ glazing used in the Modernistic Range offers good features to assist with smoke control. When exposed to fire the internal structure of the glazing turns opaque and expands to form a heat shield, effectively reducing the transmission of radiated and conducted heat and provides an integrity barrier against smoke flames and hot toxic gases for 30 minutes.

The internal core of the doorset comprises mineral of solid wood which has naturally occurring fire resistant qualities.

Glazing

The innovative Greenfire glazing™ is tested as part of the whole doorset, in a full scale fire test (BS476 part 22 1987) as well as full scale weathering and security tests (BS6375 parts 1 & 2 and PAS23) and security tests (PAS24). It also exceeds the requirements of Secured by Design. • Meets safety requirements (EN12600)

- The double glazed unit is tested from both sides within the doorsets
- EW30 - 30 minutes integrity and radiation reduction
- The glazing offers the ability to withstand fire exposure without transmission of fire to the non-fire side. It maintains radiated heat in front of the glazing below a specified level to provide for safer separation distances and escape ways
- Performs to EN356 P2A - exceeding the requirements of Secured by Design
- Offers excellent thermal properties with UV coating and argon filled spacer
- Offers excellent acoustic properties - 37db.



Installation

Firedoor60® offers both internal training to ensure members of staff are up to date with latest products and performance standards, as well as external training in the form of Fire Safety Seminars. Installation training is provided to approved partners to ensure they are fully qualified to fit Firedoor60 doorsets.

The training comprises both theory, to impart why the correct installation is important in the context of fire safety legislation, and practical. At the end of the course successful participants are qualified as Firedoor60 installers.

Firedoor60 installers are third party certified for fire doorset installation.

Security



Testing

The Modernistic is successfully tested at an independent UKAS accredited laboratory to the latest requirements of PAS24. It is tested as a complete doorset with side panels and screens as well as fanlights.

Certification

The Modernistic Range carries test certificates by UKAS certified Warrington Fire. It has also been awarded the Secured by Design specification.



Technical Features

Firedoor60 designs and engineers its locking systems to ensure quality and reliability.

The main locking system is the Firedoor60 ZW1000 certified lock with latch and three hardened 12mm steel bolts which engage the lock keep with the frame. The lock is certified to BS EN 12209 - grade 7, the highest grade of burglary resistance.

The ZW1000 is equipped with the euro profile cylinder tested to meet anti-bump requirements and BS8621:2007 means of escape requirements.

“renowned engineering design”



Technical Features



Firedoor60 designs and engineers its locking systems to ensure quality and reliability. The additional Firedoor60 ZW500 lock, situated above the handle, ensures a secure closing facility. It has a euro profile cylinder with thumb turn – enabling fast and immediate exit/entry.

The locking system is not one multipoint locking system but two independent highly secure locks providing an excellent level of security without the need for regular maintenance.

Stainless steel hinges with anti-burglary bolts are secured to the frame. The hinges have been tested to 50,000 cycles under the British Board of Agrément, test report 47742. This equates to 15 years of usage.

“security providing peace of mind”

The Firedoor60 TD1000 certified handleset offers a high level of security for mortice locks and their cylinders. This handleset is recognised for its aesthetic appearance and advanced technical features creating perfect and elegant protection for every door. The Firedoor60 TD1000 handleset guarantees high resistance to burglar attack, achieved by incorporating innovative technology with the manufacturing of internal thermally hardened and tempered steel plates

- Certified to EN1906
- Security grade 4
- Anti-drill & anti-snap cylinder protector
- Performance tested to 300,000 cycles
- Fully concealed fixings on both inner & outer backplates
- Fixed with special, wide diameter bolts (2xM8 bolts and 1xM6 bolt).



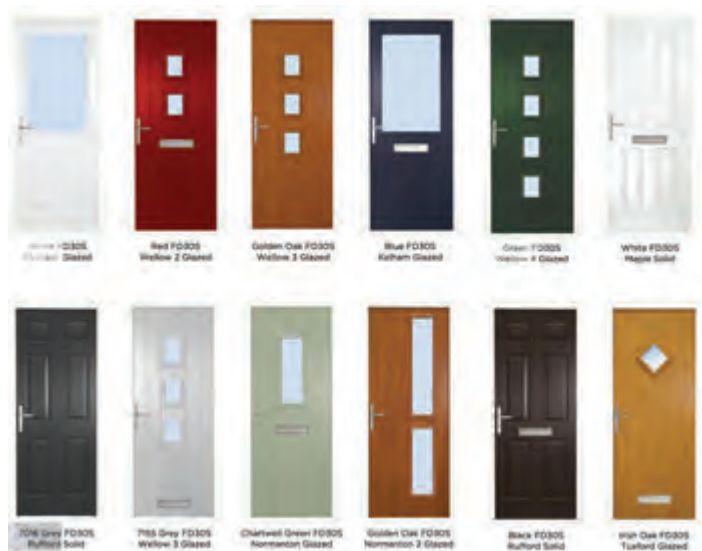
Paint & Colour

Powder Coating Steel & Other Materials

Powder coating is a type of coating that is applied as a free-flowing, dry powder. Unlike conventional liquid paint which is delivered via an evaporating solvent, powder coating is typically applied electrostatically and then cured under heat. The powder may be a thermoplastic or a thermoset polymer. It is usually used to create a hard finish that is tougher than conventional paint.

Fire Door60 - Working in partnership with Sikkens to bring you the most revolutionary approach to exterior wood coatings and protection. All the benefits of water-based coatings, without compromising the durability of traditional oil-based finishes. Exceptional durable and easy to apply exterior wood paint. Because beautiful joinery deserves a beautiful finish.

With an all new, specially created formula for application by brush or spray. It Can be applied as a mid and finishing coat with the Sikkens Exterior Wood Paint System. The quick drying, and easy to apply formula offers all the benefits of a water-based coating, but now with the enhanced durability of traditional Oil-based coatings. For the ultimate protection of your exterior wood



RAL Colours

RAL is a colour matching system used in Europe that is created and administrated by the German RAL gGmbH, which is a subsidiary of the German RAL Institute. In colloquial speech RAL refers to the RAL Classic system, mainly used for varnish and powder coating but now there are reference panels for plastics as well, Pick a colour and we can match it