



30 minute fire door

30 Minute Firedoor

Rockdoor design and manufacture bespoke 30 minute accredited Firedoors in a pre-hung fire door set, helping house builders, local authorities and contractors to meet building regulations.

Attributes for which Rockdoor is famous including strength and security are present in the 30 minute Firedoor, with each door being hand finished to ensure every Firedoor meets and exceeds the relevant certification and quality requirements as determined by building regulations across the UK.

Rockdoor Firedoors are available in a choice of 6 colours and 4 styles allowing them to match many common door styles.

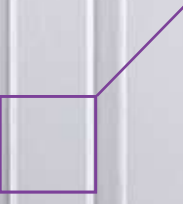
Exterior View



Spy Viewer



Letterplate (internal view), shown with Security Cowl



44mm Door Leaf



Winkhaus AV2 Multi- Point Lock



Door Leaf

Rockdoor's inner door leaf features Strebord (44mm type 11FD) which is a highly engineered multi layered particle board specially designed for Firedoor applications. All Strebord door cores are covered by the Q-Mark Fire Door Scheme.



Fire Resistant Glazing

Glaverbel Pyrobelite fire-resistant glass features throughout the Firedoor range. Obscure insulating glass, Pyrobelite offers good sound reduction properties and also acts as a safety glass complying with the impact test requirements of BS 6206. Pyrobelite fire resistant glass is tested and approved according to BS 476: Part 22 for both integrity and insulation.



Locking System



The Winkhaus AV2 Autolock is designed to provide Firedoors with security and safety by automatically engaging two solid high tensile steel hooks and central latch, into a steel keep located on the door frame, keeping the door stronger for longer during a fire.

Intumescent Seals

Rockdoor Firedoors feature intumescent strips which foam and swell in the event of fire, thus filling the gap between the door and frame preventing the flow of hot gases and smoke.

For a detailed specification please see page 7

Door Styles



Rockdoor 30 minute Firedoors are available in 4 different styles, offering both glazed and unglazed doors which meet the required certification. Each door features a detailed woodgrain embossed effect to give the appearance of a timber door, whilst benefiting from all the maintenance free elements of PVC-U.



6 exterior door colours are available to choose from including White, Red, Green, Blue, Rosewood and Light Oak, with White being the standard interior colour.



Exterior Colour Options



White

Red

Blue



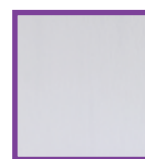
Green

Rosewood

Light Oak

3mm thick PVC-U exterior skin

Interior Colour Option



White

1.5mm thick PVC-U interior skin

Glass Option



Glaverbel Pyrobelite

Glaverbel Pyrobelite fitted as standard.

Threshold Option



Exitex MWK20

Low profile aluminium thresholds are fitted as standard.

Furniture Options



Handle



Numerals



Closer



Spy View



Letterplate



Security Cowl

A choice of Gold or Silver furniture is available and can include Handles, Letterplates, Letterplate Protectors, Numerals, Spy Viewers and Door Closers where specified.

Fan Lights & Side Frames



Fan Light



Side Fame



Side Frame & Fan Light 1



Side Frame & Fan Light 2

Side Frames and Fan Lights are available as part of the accredited Rockdoor 30 minute Firedoor. A range of options are available above. For maximum & minimum sizes please refer to page 7.

* All illustrations above are for a basic guide only. Before specifying Rockdoor Firedoors, please refer to detailed information on www.rockdoor.com/firedoors or speak to one of our representatives.

Standards, Accreditation & Guarantees



BS 476-22:1987: Fire tests on building materials and structures. Methods for determination of the fire resistance of non-load bearing elements of construction. - Rockdoors have been independently tested to achieve a fire rating in excess of 30 minutes if supplied as a complete door set.



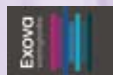
ISO 9001:2000 Quality Assured – standards are set with Rockdoor to operate to agreed procedures, processes systems and improvements.



LAPFAG: (The Local Authority PVC-U Frame Advisory Group) is a public body established to promote, for the public sector benefit, the highest commercial ethics and the highest technical standards in PVC-U materials, namely PVC-U windows, doors and ancillary products.



Q-Mark: The timber door leaf of a Rockdoor Firedoor is manufactured in accordance with the Q-Mark accreditation.



Exova Warringtonfire : Rockdoor Firedoors, Side Frames and Fan Lights have been tested by the Exova Warringtonfire Centre in accordance with BS 476: Part 22: 1987. (and as recommended in Approved Document B of the Building Regulations). The Rockdoor 30 minute Firedoor exceeded strict testing criteria as determined by Exova Warringtonfire by 25% lasting until 40:49 minutes.



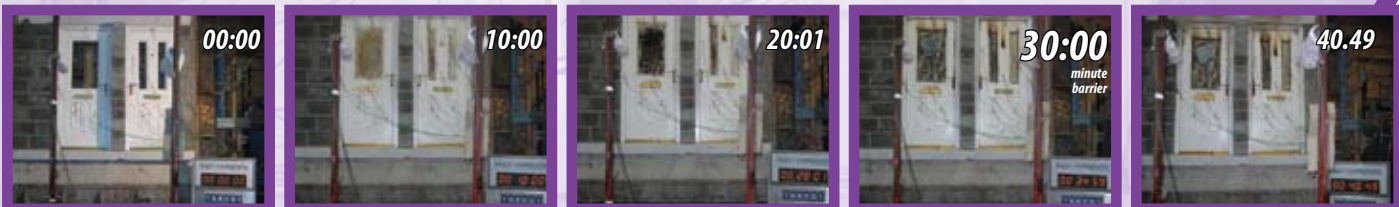
Safecontractor: Safecontractor is an accreditation scheme that assesses the health & safety competency of contractors and service providers.



10 Year Guarantee: Rockdoor 30 Minute Firedoors are guaranteed for 10 years from the date of installation, if fitted in accordance with Rockdoor's installation procedure.



Heat Shield: Each woodgrain and coloured Rockdoor is protected by Heat Shield technology.



The images above show a Rockdoor being tested to the 30 minute standard. The door eventually breaks down after 40.49 minutes exceeding the standard by 25%.



Internal Veiv

Rockdoor 30 Minute Firedoor

BSI: BS 476: Part 22: 1987, Clauses 7 & 8

Warrington Fire Report Numbers: 158001/171480/180383

Tested Dates: 17th Nov 2006, 20th Mar 2008, 24th Mar 2009

Notified Body No:0833

An official Exova Warringtonfire test report is available by contacting our representatives or visiting www.rockdoor.com/firedoors

Technical Specification: 30 Minute Rockdoor Firedoor



Door Frame Type

- White PVC-U & steel construction, tested to BS:7412-1991.
- 70mm x 72mm, with a 54mm x 20mm rebate.
- Available in White, Rosewood, Light Oak & Mahogany.
- Manufacturing sizes -

Door Style	Width (mm)		Height (mm)	
	Min	Max	Min	Max
Jacobean	665	1057	1670	2225
Windsor	665	1057	1670	2225
Colonial	690	1057	1505	2225
Flush Grain	*	1057	*	2225

* Indicates various sizes available upon application.

Door Frame Fixing

- Rapier Star.
- Frame anchor plugless screws.
- Steel.

Door Frame Intumescent

- 44mm x 5mm.

Door Frame Gasket

- Schelgal Qlon gasket.
- Polyurethane core, polythene sleeve.

Side Frames & Fan Lights

- Glaverbel Pyrobelite.
- 7.5mm thick.

	Width (mm)		Height (mm)	
	Min	Max	Min	Max
Side Frame	230	*	1505	*
Side Frame with midrail	320	*	1505	*
Fan Light	665	*	230	*

* Maximum width & height depends on overall size of door and glazing area. Before specifying Rockdoor Firedoors, please refer to detailed information on www.rockdoor.com/firedoors or speak to one of our representatives. All sizes shown above are for a basic guide only.

Threshold

- Exitex MWK 20.
- Aluminium low profile with EPDM rubber gasket.

Door Leaf Core

- 44mm thick door leaf.
- Strebord 44 Type 111FD, Q-Mark certified.
- Particle board.

Door Leaf Skin

- PVC-U vacuum formed.
- Outer 3mm, White, Red, Blue, Green Light Oak and Rosewood.
- Inner 1.5mm, White only.

Glazing

- Glaverbel Pyrobelite.
- 7.5mm thick.
- Glazing Bead, Hardwood Beech.
- Glazing Bead Cover, PVC 1.5mm.
- Double sided tape 1.6mm.

Glazing Aperture Lining

- Intumescent LX4402.

Glazing Edge Seal

- System 90 plus.

Security

- Winkhaus AV2 multi point hook lock, steel.
- AZ thumb turn.

Hinges

- Samson 1880.
- Grade CW618N Brass Extrusion to B.S.E.N 12164.
- Porous Bronze / Steel Zinc Plated.
- 3 hinges per door set.
- 5 - 40mm x 4.5mm fixings per hinge.
- Left / Right hinge, inward opening only.

Furniture – Handle

- Lever Sprung Handles.
- Fab and Fix.
- Zinc.
- Salt spray tested to 480 hours (BSEN1670).
- Gold or Silver.

Furniture – Letter Plate

- LRJ8047F.
- Overall size – 312mm x 80mm.
- Aperture opening – 250mm x 40mm.
- Letterplate security protector (Cowell) available.

Furniture – Door Viewer

- LRJ3745.
- Wide angle viewer.

Furniture – Overhead Door Closer

- Briton 2000 door closer.
- Fully certified to EN1154, EN1634, CE Marked and Certifire Approved CF111.
- Regular and parallel arm variants.
- Designed to meet the requirements of BS8300.

Sealants

- Recommend sealing, Soudal Firecyl FR mastic.
- NBN 713.020 – EN 1366-4.
- BS 476:Part 20 – Warrington Fire Research Report.





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