



YOUR FIRE & SAFETY GLASS PARTNER

- ✓ FIRE-RATED
- ✓ ACOUSTIC
- ✓ LAMINATED SAFETY
- ✓ TOUGHENED
- ✓ IGUS
- ✓ INTEGRAL BLINDS
- ✓ PARTITIONS & SCREENS
- ✓ MANIFESTATION
- ✓ INSTALLATION

TRUST THE EXPERTS



SEAN HAYNES

MANAGING DIRECTOR

At Fire Glass UK, we are confident that we're the first choice for fire and safety glass and glazing. We offer an extensive range of high-quality glass products to meet your specific requirements.

Our in-house processing facilities provide full control over each order, allowing us to guarantee on-time deliveries to your project site or premises. Our skilled fitters are experienced in glazing and installing specialist glass, including fire-rated screens, and carry the required CSCS certifications. We conduct risk assessments and issue method statements before work begins, ensuring all installations comply with FIRAS certification standards.

What truly sets us apart is our technical support and expert guidance. We work closely with you to interpret specifications, select the right products, and secure the best prices.

When it comes to fire-rated glass, our knowledge is unparalleled.





SAFETY



QUALITY



SERVICE

THE FIRE GLASS PROMISE

COMMITTED TO SAFETY

For over 15 years Fire Glass UK have kept up-to-date with industry certification and accreditation to make sure we can offer the best possible service. We also have ongoing independent fire-testing so we can offer the best quality and safest products.

COMMITTED TO QUALITY

At Fire Glass UK, we set our customer satisfaction goals on three key areas: Safety, Quality and Service. SQS is the winning formula for the 'Fire Glass Promise' and defines our commitment to customers.

COMMITTED TO SERVICE

- ✓ Dedicated technical support
- ✓ Fire Glass UK's own test evidence
- ✓ Fast turnaround
- ✓ Site survey and inspection
- ✓ Marketing support
- ✓ Project management
- ✓ In-house processing
- ✓ Specialist Installations
- ✓ No delivery charges to trade premises.



EXPRESS DELIVERY
Available Next Day*



TECHNICAL HELP
Trust the experts



COMPETITIVE PRICES
We won't be beaten on price



ACCREDITED
For peace of mind



your **ONE STOP** GLASS SHOP

A COMPLETE
GLASS SERVICE
FROM LEAD
TO LOW
EMISSIVITY.

Supplying specialist glass and components to the glazing industry. We pride ourselves on customer service, technical expertise and a comprehensive product range.

STOCKISTS OF

- ✓ Pyroguard, Pilkington and AGC fire-rated glass
- ✓ Wired, laminates, acoustic laminates, toughened and mirrored glass
- ✓ Integral blinds

MANUFACTURERS OF

- ✓ Insulating Glass Units
- ✓ Fire-rated IGUs – to Attestation Level 1
- ✓ Acoustic units
- ✓ Incorporation of integral blinds
- ✓ IGU's for composite doors
- ✓ Toughened glass

ADDITIONAL SERVICES

- ✓ Processing – eg. arrising, polishing, holes etc.
- ✓ Manifestation
- ✓ Decorative filming
- ✓ Sandblasting

DELIVERIES

- ✓ Fast turaround on cuttable products
- ✓ Fast turaround on sawn products
- ✓ Next day service available
- ✓ No delivery charge to your premises
- ✓ Site deliveries available (charges may apply)

FURTHER SERVICES

- ✓ Technical support
- ✓ Fire Glass UK's own test evidence
- ✓ Marketing support
- ✓ Fire testing support
- ✓ Contract leads
- ✓ Glazing services
- ✓ Project management
- ✓ Supply and installation of glazed screens, both acoustic and up to two hours fire rating
- ✓ Members of the Glass and Glazing Federation, Constructionline Gold and Firas.



FIRE-RATED GLASS

TRUST THE EXPERTS

Fire Glass is the UK's only choice regarding fire-rated and speciality glass and glazing solutions. Why? Our comprehensive coverage, product range and network of well-stocked branches nationwide allow us to deliver the glass you need when you need it.

WHAT IS FIRE RATED GLASS?

Fire Rated Glass (also known as Fire Resistant Glass) is a specialist glass that has been proven to provide a period protection against fire during a Fire Resistance Test. The degree of protection depends on the type of fire-rated glass used but generally speaking; all fire-rated glass acts as a barrier to help prevent the spread of flames and smoke in the event of a fire. Certain fire-rated glass types will also provide a degree of protection (insulation) against the heat of a fire. Therefore, fire-rated glass is an essential component in building safety and Building Regulations specify where it must be used.

THE BENEFITS OF FIRE-RATED GLASS

The flexibility of fire-rated glass and its ability to compartmentalise and restrict fire damage makes it a fundamental part of any building's fire safety strategy. It is used for areas designed to provide a safe exit/access route in the event of a fire and to help prevent the spread of fire throughout a building (reducing structural damage).

TESTING

Fire Resistance Tests are carried out by independent test companies and comply with all relevant Fire Test Standards. All fire rated glass should be installed as per the test evidence in terms of the Fire Resistant Glazing System used during the test (including sizing, frame and installation materials); only then will it protect as per its official Fire Protection Rating. If the glass is installed into a different frame or with other materials (for example, a different seal), then this will negate the protection and fire rating of the product; having access to the relevant Test Evidence when purchasing fire-rated glass is therefore fundamental.

TYPICAL FIRE-RATED GLASS USAGE

Fire-rated glass has many uses, comes in many forms, and is highly flexible. It comes as Polished, Wired or Laminated/Toughened. Therefore, particular fire-rated glass can be used where both Impact Safety Rating and fire resistance are needed.

It also comes as Single Glazed or as part of an Insulated Glass Unit. It can be used as a Vision Panel or Privacy Panel, side panel or even as a Glazed Partitions. Fire-rated glass can also come with acoustic ratings (see Acoustic Glass) that can be vital for specific building projects.

30/0, 60/0 AND WIRED
FIRE RATED GLASS

30/30, 60/30 AND 60/60
INSULATED FIRE RATED GLASS

FIRE RATED ACOUSTIC UNITS

EXTENSIVELY TESTED
WITH SYSTEMS EVIDENCE

WIDE PRODUCT RANGE

AVAILABLE WITH IMPACT
SAFETY RATING

AVAILABLE WITH
ACOUSTIC RATING

AVAILABLE AS IGU'S
WITH INTEGRAL BLINDS

CERTIFIRE ACCREDITED

**FIRE RESISTANT
GLASS MUST ONLY
BE USED AS PART OF
AN APPROPRIATELY
APPROVED GLAZING
SYSTEM.**





Our technical support and advice set us apart from the rest – we'll work with you to interpret your specifications, find the right product for the job and secure the best price. Highly specialist products such as 60 minute integrity and insulation glass, double glazed units and toughened glass can be delivered to your specification with short lead times.

MANUFACTURER/PRODUCT	THICKNESS MM	INTERIOR	EXTERIOR	FIRE RATING	CERTIFICATE NO.	DB RATING	SAFETY RATING
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PYROGUARD



Pyrostem (GWPP)	7	✓	✓	30/0	CF5954	31	3B3
Fire Door 60	9	✓	✓	60/0	CF257	33	2B2
Pyroguard Rapide EW30	7	✓	✓	30/0	CF257	33	2B2
Pyroguard Rapide EW60	11	✓	✓	60/0	CF257	35	2B2
Pyroguard Rapide Plus	15	✓	✗	30/30	CF437	38	1B1
Pyroguard Rapide Plus	19	✓	✓	30/30	CF437	39	1B1
Pyroguard Rapide Plus	23	✓	✗	60/60	CF437	40	1B1
Pyroguard Rapide Plus	27	✓	✓	60/60	CF437	42	1B1

AGC



Pyrobelite 7	7.9	✓	✗	30/0	CF377	34	3B3
Pyrobelite 9EG	12.1	✓	✓	30/0	CF377	37	1B1
Pyrobelite 12	12.3	✓	✗	60/0	CF377	36	2B2
Pyrobel 16	17.3	✓	✗	30/30	CF377	39	2B2
Pyrobel 16EG	21.1	✓	✓	30/30	CF377	39	1B1
Pyrobel 25	26.6	✓	✗	60/60	CF377	40	1B1
Pyrobel 25EG	30.4	✓	✓	60/60	CF377	43	1B1

PILKINGTON



Pyrodur 7mm EW30 Internal*	7	✓	✗	30/0	CF328	34	3B3
Pyrodur 10mm EW60 Internal	10	✓	✗	60/0	CF328	35	2B2
Pyrodur 11mm EW30 External	11	✓	✓	30/0	CF328	37	1B1
Pyrodur 13mm EW60 External	13	✓	✓	60/0	CF328	38	1B1
Pyrostop 14mm EI30 Internal*	14	✓	✗	30/30	CF328	38	2B2
Pyrostop 15mm EI30 Internal	15	✓	✗	30/30	CF328	38	2B2
Pyrostop 18mm EI30 External	18	✓	✓	30/30	CF328	38	1B1
Pyrostop 23mm EI60 Internal	23	✓	✗	60/60	CF328	41	1B1
Pyrostop 27mm EI60 External	27	✓	✓	60/60	CF328	41	1B1



ACOUSTIC GLASS

THE CLEARER CHOICE

With varying sound reduction levels, from 35db (6.8mm) to 42db (16.8mm). All our acoustic glass has an impact safety rating and is manufactured in accordance with the relevant standards (BS EN 14449 and BS EN ISO 140).

MANUFACTURER/PRODUCT	THICKNESS MM	INTERIOR	EXTERIOR	FIRE RATING	CERTIFICATE NO.	DB RATING	SAFETY RATING
ACOUSTIC							
6.8mm Clear Acoustic	6.8	✓	✓	NFR	N/A	35	1B1
8.8mm Clear Acoustic	8.8	✓	✓	NFR	N/A	37	1B1
10.8mm Clear Acoustic	10.8	✓	✓	NFR	N/A	38	1B1
12.8mm Clear Acoustic	12.8	✓	✓	NFR	N/A	39	1B1
16.8mm Clear Acoustic	16.8	✓	✓	NFR	N/A	41	1B1

WHAT IS ACOUSTIC GLASS?

Acoustic glass is specialist glass that considerably reduces noise levels. All glass has some acoustic ability in terms of blocking outside noise – a 4mm single pane of glass has a sound reduction level of approximately 25 decibels (25db), and for a 4mm IGU with two panes of glass) this increases to around 28db. Sound levels may be reduced further in several ways, including simply increasing the thickness of the glass being used or increasing the number of panes/distance between them within an IGU.

THE BENEFITS OF ACOUSTIC GLASS

The main benefit of acoustic glass is the reduction in noise level – generally, a comfortable sound level for humans is around 35db (day) and 30db (night).

All acoustic glass comes with a sound reduction level given in decibels. Particularly useful in reducing higher frequency sounds such as traffic, people and even the sound of rainfall (in roof glazing). Different performance levels are achieved by various combinations of glass thickness and the number of interlayers used.

Due to its inner bonded layer, the acoustic glass will hold in place in the event of breaking, meaning that it has an Impact Safety Rating and can be used in Critical Locations. It can also improve energy efficiency.

TYPICAL ACOUSTIC GLASS USAGE

Acoustic glass has many applications and must be used in specific locations to comply with Building Regulations requirements around resistance to sound.

Acoustic glass does not have any fire resistance ability, but certain types of Fire-Rated Glass have acoustic ability and a sound reduction level.

IMPROVED ACOUSTIC PERFORMANCE

SOUND CONTROL

CAN BE CUT TO SIZE

IMPACT SAFETY RATING

UV PROTECTION



LAMINATES & CUT GLASS

THE SAFER CHOICE

All safety glass manufactured and supplied by Fire Glass UK complies with the relevant British and European standards (BS 6206 and BS EN 12600) and carries the appropriate CE Mark. We hold the accreditation for Attestation Level 1 to manufacture glass and IGUs.

LAMINATE TYPE	FIRE RATING	ACOUSTIC RATING dB (RW)	SAFETY RATING
6.4mm Clear Laminated Glass	NFR	32	2B2
7.5mm Clear Laminated Glass	NFR*	32	1B1
8.8mm Clear Laminated Glass	NFR	33	1B1
9.5mm Clear Laminated Glass	NFR*	33	1B1
10.8mm Clear Laminated Glass	NFR	34	1B1
11.5mm Clear Laminated Glass	NFR*	34	1B1

WHAT IS LAMINATED GLASS?

Laminated glass is more complex to break than ordinary glass. It does not shatter in the same way due to either specific processing of the glass (toughened) or the bonded interlayer between the glass (laminated).

It is used to protect against injury on impact and is suitable for locations with a high risk of accidental damage or an increased risk of vandalism. As well as other safety glass, it must be used in specific Critical Locations per Building Regulations requirements.

THE BENEFITS OF LAMINATED GLASS

Typically made up of one or more panes of glass with bonded interlayers of PVB (polyvinyl butyral). It is no stronger than ordinary glass and will remain intact on impact, preventing the glass from breaking into large pieces. Laminated glass can have different impact ratings depending on the thickness of the glass used and the number of interlayers. It can also provide sound insulation (acoustic abilities) and thermal insulation (energy efficiency).

TESTING

As part of the testing process, a weight is dropped from three heights onto a standard-sized safety glass pane. Based on the point at which it breaks (if it breaks), the glass is then given an impact safety rating.

TYPICAL LAMINATED GLASS USAGE

Typically, you will see laminated glass used in exterior shop fronts, curtain walling and windows, overhead glazing, full-height barriers, doors and low-level glazing. It has many commercial, public and residential applications.

REMAINS INTACT OR BREAKS SAFELY ON IMPACT

WITHSTANDS REPEATED BLOWS FROM HEAVY OBJECTS

A BARRIER TO ENTRY EVEN WHEN BROKEN

EFFECTIVE THERMAL INSULATION

*** CONFORMS TO SECURITY GLAZING (EN 356) IN ADDITION TO SAFETY GLASS REQUIREMENTS (EN 12600)**

*** ANTI-BANDIT**

COLOURS & TINT OPTIONS

FULLY TESTED

HIGH SOUND INSULATION



TOUGHENED GLASS

THE STRONGER CHOICE

Regarding security needs, toughened glass is more substantial than laminated glass and requires a greater force to be shattered. Toughened glass achieves a Class 1C1 rating (depending on its thickness) when tested to BS EN 12600 (Class A under BS 6206). The highest rating for safety glass.

WHAT IS TOUGHENED GLASS?

Toughened glass is made from standard float glass but is up to five times stronger (whilst being the same thickness), making it an impact-resistant safety glass. The process of toughening the glass introduces stresses and tensions to the glass, which increases its strength and ensures that when the glass breaks, it will break 'safely' into small blunt pieces that are unlikely to cause serious injury. It, therefore, poses less of a threat to passers-by and is safer to pick up – when standard float glass breaks, it breaks into very sharp, hazardous pieces.

The toughening process involves putting the cut float pieces through the furnace, where they are heated to above 650°C and then rapidly cooled with cold air on both sides. The glass has to be cut to size and shaped accordingly before going through the toughening process; if the glass is cut afterwards, it will crack and shatter.

As the glass cools, the outer layers compress and contract whilst the inner layers are in a state of tension. The stress gives the glass increased solidity by pushing together any surface flaws and protecting the inner layers from imperfections that can lead to cracks. The process improves the structural durability of the glass, increasing its impact resilience and ability to withstand heat without impacting the clarity of appearance or light transmission of the glass itself.

THE BENEFITS OF TOUGHENED GLASS

Toughened glass is suited for use in structural glazing systems where the benefits of ordinary glass need extra strength, safety or resistance. It provides far greater scope for the use of glass in buildings from a design point of view due to its increased resistance to impact and temperature variations.

TYPICAL TOUGHENED GLASS USAGE

Toughened glass has many applications, especially in building projects, where it is ideal for glass partitions, facades, sliding doors, doors and windows. It's safe enough for furniture applications such as countertops and table tops.

E30 FIRE CLASSIFICATION

CLASS 1 IMPACT CLASSIFICATION

INTERIOR AND EXTERIOR USE

UV STABILITY

TIMBER APPLICATIONS

MODIFIED TOUGHENED AVAILABLE

IDEAL FOR USE WITHIN THE HEALTHCARE AND SECURITY SECTORS.

4MM TO 19MM THICKNESS

USE IN IGUS



FIRE RATED IGUS

MANUFACTURED TO CERTIFICATION



Double Glazed Units are also known as IGUs (Insulated Glass Units) – an individually sealed unit made up of multiple panes of glass. Each pane of glass is separated within the sealed unit or gas-filled gap between them.

At Fire Glass UK, we supply many different types of IGU's, including fire rated IGU's for the composite door market. We are certified to manufacture fire glass units to Attestation Level 1, so you can rest assure that our products are manufactured to the highest safety standards every time.

**CERTIFIED TO ATTESTATION
LEVEL 1**

CERTIFIED CONSISTENCY

**FIRE RESISTANCE UP TO 60
MINUTES INTEGRITY AND 60
MINUTES INSULATION**

FIRECELL FROM FIRE GLASS UK

**ACOUSTIC, SOLAR AND BLIND
OPTIONS**

**PROVEN THERMAL
IMPROVEMENTS**

**BLUESKY CERTIFICATION:
EN1279-2:2002 & EN 1279-3**

FGUK FireCell





INTEGRAL BLINDS

PARTNERING INDUSTRY LEADERS



Fire Glass UK supply integral blind systems. Available in insulated units which can be made from toughened safety glass, low emissivity glass or acoustic glass with fire rated options of FD30, FD30/30, FD60 and FD60/60.

WHAT ARE INTEGRAL BLINDS?

Integral blinds are encapsulated within an Insulated Glass Unit (IGU) between two or three panes of glass. Ensuring protection from dust and dirt, so no cleaning is required. The blinds can work manually on a motorised system or operated by a cord, knob, magnet or remote control.

WHY CHOOSE INTEGRAL BLINDS?

Integral blinds are hygienic and are clean for life due to the system being encapsulated within the glass unit, thus, meaning there is no risk of damaging the blinds. They are durable and maintenance-free.

OPERATION OF INTEGRAL BLINDS

The options below are examples of the ScreenLine® C-System, which utilises the force produced by two coupled rotational magnetic devices to raise and lower (and tilt, in Venetian models) the blind using a cord loop. One set of magnets is inside the blind head rail, and the other is applied to the external glass surface, thus guaranteeing the perfect integrity of the insulating glass. Electric operation of this system is also possible by replacing the external magnetic device with an external motor.

WHERE TO USE INTEGRAL BLINDS

Integral blinds are very versatile due to their slimline design. The 10mm slats fit within a standard 16mm cavity, allowing just the IGU to be replaced in most cases. Great for homes, offices, hotels and schools. If privacy is paramount, they are ideal in hospitals as they are hygienic and can divide space. This system can be applied to most windows, doors, french windows, up-and-over, sliding or casement windows.

PARTNERING WITH PELLINI

Pellinindustrie combines design excellence with outstanding product quality – so you can be confident that your windows and doors require no more maintenance than a standard window or door.

MANUAL OPERATION EXAMPLES



CORD



WAND



KNOB

MAINTENANCE FREE

VERSATILE SLIMLINE SYSTEM

HYGIENIC

LONG LIFESPAN

EASY TO OPERATE

MEETS CHILD SAFETY STANDARDS

CONTROLS LIGHT & HEAT

VARIOUS OPERATING SYSTEMS

FIRE-RATED, ACOUSTIC, TOUGHENED. LOW EMISSIVITY GLASS OPTIONS



PARTNERING WITH:

pellinindustrie





GLASS FOR PARTITIONS

A SPECIALIST CUT-SIZE SERVICE

Fire Glass UK specialise in the supply of fire rated, acoustic and laminated glass for partitions. With vast experience and knowledge within the glass and glazing industry and five branches nationwide it makes us the UK's only choice.

Wall to floor glass panels and partitions allow light to flood in and offer modern clean lines.

Glazed partitions are bespoke to each individual job. Fire Glass UK offer a nationwide supply only service allowing us to make sure your project meets all safety and quality specifications.

TYPES OF PARTITIONING

- > Frameless single glazed partitioning
- > Double glazed partitions
- > Acoustic rated partitions
- > Fire-rated partitions
- > Oak framed partitions

OPTIONS AVAILABLE

- > Manifestations or sandblasting
- > Fire resistance up to 60/60
- > Acoustic ratings
- > Back-painted glass
- > Integrated blinds

**FIRE-RATED, ACOUSTIC,
LAMINATED & TOUGHENED
GLASS**

IN-HOUSE CNC PROCESSING

BUTT JOINT SYSTEMS

NO POLISHING CHARGE

FREE SITE DELIVERIES

STILLAGES TO SUIT

NATIONWIDE DELIVERY

PYROGUARD AND PYROBEL



REQUEST A SAMPLE

Please call **0121 667 9089** for your sample or more information.

The following 300 x 300mm samples are available:

15
mm



23
mm



16
mm



25
mm





SPECIALIST INSTALLATIONS

FIRAS CERTIFIED FOR SAFETY

firas

Fire Glass Installations offer a complete service from technical advice to supply and on-site installation for any glass and glazing project. With our in-depth knowledge of specialist glass, we provide the supply and fitting of fire-rated, safety and acoustic glass specifications throughout the United Kingdom.

ABOUT FIRAS

FIRAS certification started in 1994 and has been instrumental in improving standards of installation of fire protection products/systems to the benefit of the construction industry and the clients it serves.

FIRAS is a third-party certification for installation contractors of both passive and active fire protection systems, operated by Warrington Certification and accredited by UKAS to BS EN 17065.

THE IMPORTANCE OF USING A FIRAS CONTRACTOR

Fire Glass UK is a FIRAS-approved installer with an experienced and skilled team of independently assessed glazing operatives. All our work is closely controlled and monitored to ensure compliance with the current legislation. We are the UK's only choice for fire glass and glazing solutions and have five branches nationwide, which allows us to offer cost-effective fire-rated glazing products.

ONGOING ASSESSMENTS

FIRAS certificated contractors are subject to an annual audit of their offices and ongoing, random surveillance site inspections where competence and quality are assessed. The inspectors also inspect the work carried out by the certified contractor on request to satisfy the client's needs.

All FIRAS certificated contractors are required to log all work on the FIRAS online database. Once complete, a 'Certificate of Conformity (Compliance)' for the completed works is issued from the FIRAS online database.

THE BENEFITS OF FIRAS CERTIFICATION

FIRAS certification assures the construction industry end users and regulators. If a FIRAS certificated contractor is appointed, the work will be carried out correctly, under industry standards and material/product manufacturer requirements – providing the required fire protection rating for the building as intended by the specifiers.

**FIRAS CERTIFIED
INSTALLATIONS**

**HIGH QUALITY GLAZING
SYSTEM INSTALLATION**

TECHNICAL ADVICE

**HEALTH AND SAFETY
SUPPORT**

FIRE GLASS SPECIALISTS

NATIONAL COVERAGE

**SITE SURVEY, INSPECTION
AND INSTALLATION**

**OUR FIRAS
CERTIFICATION
ASSURES THAT ALL
WORK IS CARRIED OUT
CORRECTLY AND UNDER
INDUSTRY STANDARDS
AND MANUFACTURER
REQUIREMENTS.**

ENVIRONMENTAL POLICY STATEMENT

Fire Glass UK Limited, part of the Technical Fire Safety Group, who is a distributor of glass and glazing products and servicing/glazing installation and contracting services, is committed to managing, mitigating and continually improving, where practicable, its environmental risks and impacts.

We will seek to develop, implement, maintain, audit, review and continually improve an Environmental Management System to meet the requirements of ISO14001:2015. Systems will also be reviewed in response to operational, legislative changes and in light of new knowledge.

Where practicable we shall set objectives and targets that will be monitored and reviewed to evaluate the effectiveness of this environmental policy. Environmental performance will be regularly and openly communicated against these criteria.

We will:

- > Aim to carry out our business activities with respect and care for the environment, our neighbours and local communities.
- > Plan and manage our environmental impacts and actively seek to develop opportunities to positively protect and enhance the environment.
- > Practice good housekeeping
- > To comply with appropriate Compliance Obligations at all times related to our environmental risks
- > Minimise waste and to carry out our activities in order to mitigating pollution and nuisance to our neighbours
- > Build good relationships with the local communities
- > Maintain and raise environmental awareness throughout the company.

CULTURE

We are committed to the development and maintenance of an open dialogue culture which will include the communication of this environmental policy to our employees, suppliers, customers, sub-contractors and other stakeholders.

ENERGY

We shall look to monitor, manage and reduce our use of energy and to evaluate alternative renewable energy technologies for implementation where they may be practicable.

TRANSPORT

Subject to suitability for purpose, low emission vehicles will be operated. We will aim to minimise mileage driven by our vehicles as long as customer service is not compromised. We shall evaluate alternative fuel technologies where they may be practicable. All staff will be encouraged to drive in a fuel efficient and safe manner. We shall encourage staff who wish to use alternative forms of transport or vehicle share for journeys to and from their place of work.

POLLUTION CONTROL

We shall establish and maintain systems to prevent pollution of the environment and harm to human health. This will include procedures for safe handling, disposal and containment of substances that have the potential to cause pollution.

WASTE MANAGEMENT

We shall ensure responsible management of our own wastes encouraging reuse and recycling to minimise disposal to landfill. We shall dispose of our wastes in strict compliance with legislation.

MANAGEMENT OF WATER

We shall monitor, review and manage the impacts of our operations on water resources and have effective measures in place to prevent pollution.

PURCHASING

We shall, where possible, endeavour to source materials locally, from responsible suppliers with an emphasis on recycled, or recyclable or sustainable products.

This Policy has been defined and endorsed at the highest level to ensure that it is appropriate to the nature, scale and environmental impact of the companies operations and will be publically available.



SEAN HAYNES
MANAGING DIRECTOR
SEPTEMBER 2024



1.0 HEALTH & SAFETY POLICY STATEMENT

As Managing Director of Fire Glass UK Ltd, I regard the promotion of health, safety, welfare and environmental protection as a mutual objective for the company and its employees at all levels. It is the company's policy to do all that is reasonable to prevent personal injury and hazard to health by protecting persons including the public, from foreseeable work and environmental hazards in so far as they come into contact with the company, its premises or its activities. In particular the company undertakes to:

- ✓ Provide and maintain safe and healthy working conditions, as is reasonably practical and comply with statutory health and safety requirements
- ✓ Adhere to appropriate local and national health and safety standards and best practice recommendations in our work activities
- ✓ Provide training, instruction, information and supervision to enable employees to perform their work safely
- ✓ Comply with statutory environmental health legislation
- ✓ Assess the risks associated with workplace work equipment and substances used in the course of our business and advise on the health and safety precautions to be taken
- ✓ Provide, when and where necessary, safety devices and personal protective equipment and provide instruction on their use
- ✓ Complete regular inspections of the workplace and take appropriate action to safeguard against hazards and eliminate/minimise the risk of accidents
- ✓ Ensure audits and inspections are completed to verify that the company's health and safety and environmental policies and procedures are being complied with
- ✓ Maintain a constant and continuing awareness and interest in health, safety and environmental matters
- ✓ Actively participate in developing occupational health, safety and environmental standards within the organisation and through involvement with external individuals/organisations.

Our Health and Safety Policy is designed to ensure that you fully understand the role that you and the company must play in helping to provide a safe and healthy working environment to ourselves and people we come into contact with as a result of our works. Together we must seek to identify and eliminate hazards at work with the aim to reduce the number of accidents to zero.

With your help and co-operation we can achieve this.

Signed

A handwritten signature in black ink, appearing to be "JA" or similar, written over a large, faint, light-red circular watermark.

QUALITY POLICY STATEMENT

FIRE GLASS UK LTD is committed to the principles of Quality Assurance in order to maintain the highest quality of service to our customers. In pursuit of this aim, the company has developed a Quality System to comply with all the mandatory requirements of ISO9001:2015, CE Marking and BS EN 12150 (Toughened Glass) / BS EN 14449 (Laminated Glass) /

BS EN 1279 Fire Rated and Standard Double Glazed Units. This includes setting Quality Objectives, which have been agreed by the Managing Director along with a framework to ensure these are subject to formal management review.

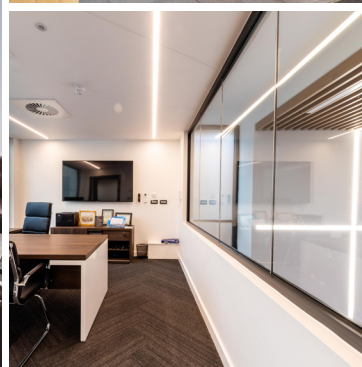
Compliance with the Quality System policies and procedures is mandatory for all personnel since it is only by strict adherence to these controls that consistent standards of product and service quality can be maintained.

The Company is committed to continually improving the effectiveness of the system to meet applicable requirements along with a structured corrective action policy to ensure that the Quality System is improved in response to the demands of our customers and also those of our management requirements. It is therefore the responsibility of all personnel to examine their areas of the Quality System in the endeavour to identify and initiate improvements.

The Managing Director commends this Quality Policy statement to all employees of FIRE GLASS UK LTD Oldbury, Manchester, Edinburgh, Colchester & Bristol and looks forward to extending our reputation for quality.

Signed


SEAN HAYNES MANAGING DIRECTOR
SEPTEMBER 2024



CASE STUDY

PROJECT

MERTON HALL PENTECOSTAL CHURCH

LOCATION

Merton, London

ARCHITECT

DHP

CONTRACTOR

Lengard Ltd

PRODUCT

FD 30/30 and FD 60/60

PHOTOGRAPHY

© Peter Hoskins Photography

Steeped in history Merton Hall Pentecostal Church is an ornate Victorian Public Hall which is well loved by the local community. The refurbishment to the existing historical building and the new modern extension has allowed the legacy of the building to be enjoyed by all that visit.

The new auditorium was expertly and sympathetically designed by DHP and the contract was realised by Lengard – the refurbishment specialists. Fire Glass UK were extremely privileged to have worked alongside Lengard on the internal glazing.

Fire Glass UK's Installation team worked over two floors installing and glazing a total of ten internal fire rated screens as well as fitting the doors to meet Building Regulation and Fire Certification standards.



FD30 & FD60

Fire-rated glass.



68m²

of glass supplied in total.



170 kg

Individual large glass panes.



7 DAYS

Internal glazing completed across two floors over seven days.



DATA SHEETS

A SELECTION OF FIRE GLASS UK'S PRODUCT RANGE

FireGlass THE UK'S MOST SPECIFIED FIRE RATED GLASS COMPANY
WWW.FIREGLASSUK.COM

DATA SHEET

PyroGuard Rapide EW60
PyroGuard Rapide EW60, 11MM is perfect for indoor and outdoor use. It's large sheet size and double sided fire resistance can be cut to size making it a cost effective solution.

KEY FEATURES

- EW60 Impact
- 2082 Impact classification
- Interior and exterior use
- Double sided fire resistance
- UV stability
- Steel & timber applications

SUITABLE APPLICATION

- Can be used in fire tested timber and steel systems.

STORAGE AND HANDLING

- Must be handled with care during transportation, storage, inspection and installation. Store in a dry place.

TECHNICAL INFORMATION

	EW60
Fire Resistance (EN 13501-2)	2082
Impact Resistance (EN 12600)	90%
Light Transmission	33 dB
Sound reduction	5.7 W/m ² ·K
U Value	Yes
UV Stability (EN ISO 12543-4)	7 mm
Nominal Thickness	-0.6 / +0.8 mm
Thickness Tolerance	17 kg per m ²
Weight	-20 / +100 °C
Temperature Range	1580 x 2780 mm
Sheet Size	

PyroGuard Rapide EW30
PyroGuard Rapide EW30 Impact, 7MM is perfect for indoor and outdoor use. It's large sheet size and double sided fire resistance can be cut to size making it a cost effective solution.

KEY FEATURES

- EW30 Impact
- 2082 Impact classification
- Interior and exterior use
- Double sided fire resistance
- UV stability
- Steel & timber applications

SUITABLE APPLICATION

- Can be used in fire tested timber and steel systems.

STORAGE AND HANDLING

- Must be handled with care during transportation, storage, inspection and installation. Store in a dry place.

TECHNICAL INFORMATION

	EW30
Fire Resistance (EN 13501-2)	2082
Impact Resistance (EN 12600)	90%
Light Transmission	33 dB
Sound reduction	5.7 W/m ² ·K
U Value	Yes
UV Stability (EN ISO 12543-4)	7 mm
Nominal Thickness	-0.6 / +0.8 mm
Thickness Tolerance	17 kg per m ²
Weight	-20 / +100 °C
Temperature Range	1580 x 2780 mm
Sheet Size	

Pyrobelite 10mm
Pyrobelite 10mm Constructed with a rigid and opaque and safe level, m

6.8mm
Comprising of using a special glass thickness

6.4mm CLEAR LAMINATED
Laminated glass comprises of two or more panes of glass which are bonded together using clear PVB interlayers. Different performances can be achieved by combining different combinations of glass thickness and number of interlayers.

KEY FEATURES

- Break safe characteristics
- Resists attack
- UV protection
- Improved acoustic performance
- Manufactured in accordance with EN 14449
- Minimised UV-transmission

TECHNICAL INFORMATION

Resistance to Fire	NPD
External Fire Performance	NPD
Explosion Resistance	NPD
Category of Resistance	NPD
Pondulum Body Impact Resistance	NPD
Resistance Against Sudden Temperature Differences	NPD
Wind, Snow, Pile	NPD
Direct Airborne Sound Insulation	2082
THERMAL PROPERTIES	
Thermal Transmittance (U-value)	40K
RADIATION PROPERTIES	
Light Transmission	6mm
Light Reflection	32 (-1-34dB)
Wavelength Transmission	5.7 W/m ² ·K
Solar Energy Reflection	0.89
Wavelength Reflection	0.08
Wavelength Transmission	0.77
Wavelength Reflection	0.07

CE UK CA **firac** **certifire** **Acclaim** **RSC**

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DATASHEETS ARE AVAILABLE FOR ALL OUR PRODUCTS. UPDATED PDFS CAN BE DOWNLOADED FROM OUR WEBSITE: WWW.FIREGLASSUK.COM/DATASHEETS/



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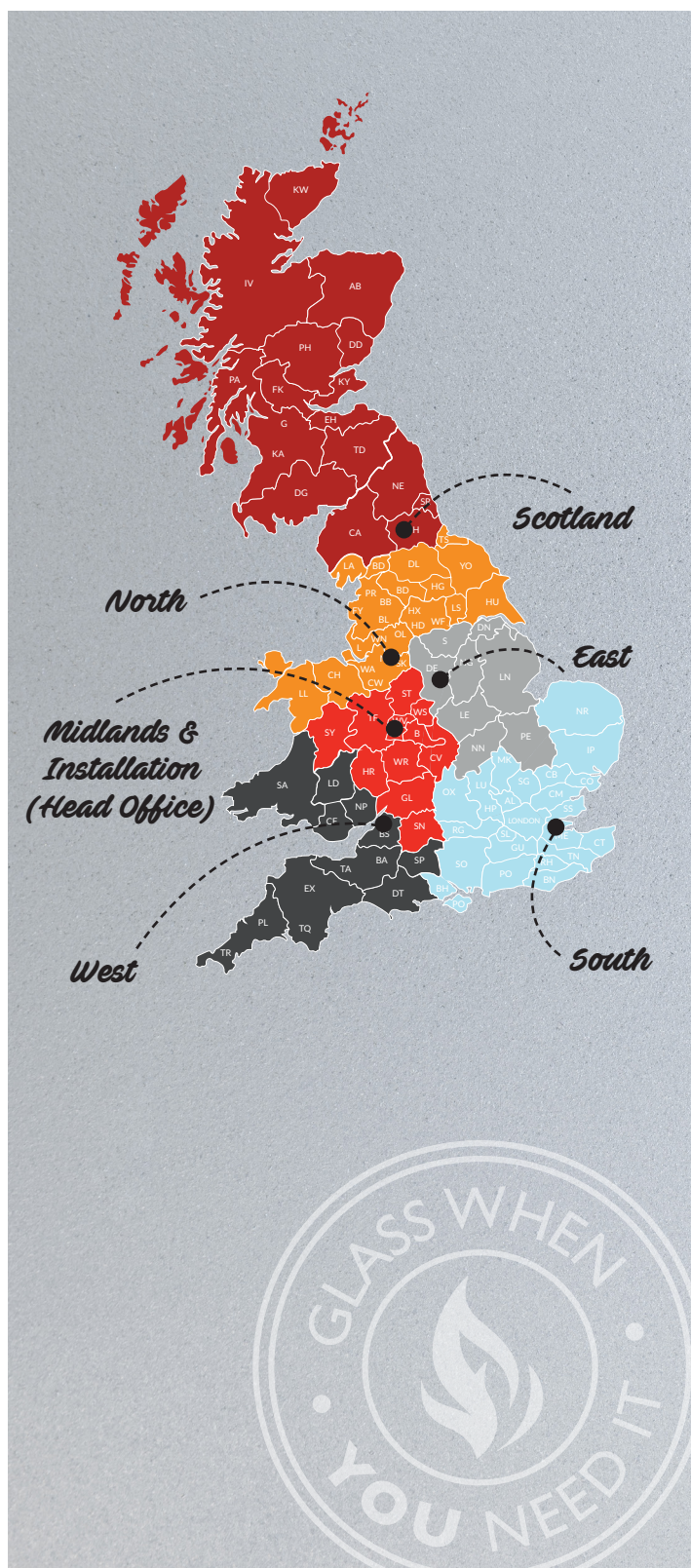


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