



The Company

Permadoor, part of the Epwin Group is the UK's number one manufacturer of thermoplastic and fibreglass composite doors supplying to the social housing sector. Permadoor's wide range of made to measure, low maintenance exterior entrance doors are fully compliant to the latest building regulations and standards, and the company holds a 'Secured by Design' licence.

Established in 1989, Permadoor has over 20 years experience of working with Local Authorities, Registered Social Landlords, Contractors and Consortia.

Permadoor has always been renowned for its product quality and technical innovation. The company is a founder member of the Association of Composite Door Manufacturers (ACDM) and holds all relevant industry accreditations.

Permadoor's unrivalled experience, manufacturing capacity and technical expertise enable the company to assist clients draw up the most suitable specification to maximise performance at minimum lifetime costs.

Epwin Group

Permadoor is part of the vertically integrated manufacturer and supplier of maintenance-free building products, Epwin Group. The group operates in the refurbishment, social housing, new build, education and urban regeneration sectors.

Since introducing PVC-U windows to the UK in 1976, Epwin has grown to operate over 30 separate brands with activities covering extrusion, manufacturing, installation and recycling. All businesses are experts in the markets they serve and offer unrivalled service and support to the building industry.

As one of the largest manufacturers of PVC-U and PVC-UE extrusions in the UK, the Epwin Group has an annual turnover of £188.5million (2008) and employs around 2000 people.



Innovation

The Permadoor concept was first developed in 1987 as a solution to the traditional problems often associated with



timber doors such as warping, twisting and the need for regular repair.

By 1989, Permadoor was established as a dedicated composite door manufacturer and today remain the foremost supplier in a market sector

where composite doors have become the natural choice.

Permadoor has continued its business growth through continual investment in plant and machinery, technical developments in products and services and through an unswerving commitment to our customers through Partnering and Best Value principles.



Our Sustainable Commitment

Permadoor's commitment to best practice and the environment, through its ISO 14001 accreditation ensures it minimises its environmental impact on local communities. This is underpinned by the commitment of our employees, customers and suppliers to ensure sustainable environments for all.

All products and processes are compliant with all relevant legislation, following a programme of continuous improvement and the introduction of an Environmental Management System; BS EN ISO 14001:2004.

Permadoor is totally committed to the sustainability concept through the:

- Improved efficiency in all processes and from the use of materials sourced through a similarly dedicated supply chain
- Protection of the environment from the impact of emissions and waste
- Reduction in carbon footprint
- Recognition and encouragement of local community involvement
- Provision of low maintenance products with sustainable whole life costing for improved communities
- Continuous improvement programme



In-House Recycling

Permadoor aims to reduce levels of waste from company processes and where practical recycles waste materials, including aluminium, polythene, polystyrene, PVC-U and cardboard.

Through our Green Procurement Initiative, materials consumed are sourced from environmentally responsible suppliers. Dekura, one of the UK's largest PVC-U recycling plants and also a member of the Epwin Group, processes a significant amount of Permadoor's PVC-U off cuts to create RCM (Recycled Composite Material), which is a specialist extrusion used for frame reinforcement.

RCM is used in the majority of Permadoor products and is the only product of its type to be approved by the government backed Waste Resources Action Programme (WRAP) in their guide to recycled content in construction products.

Environmental Responsibility

The role of our dedicated Environmental Manager is to assess and minimise our effect upon the environment by assessing the impact of all our activities and establishing procedures to minimise those risks. This programme is controlled through monthly improvement meetings where objectives and targets are reviewed and reset, and ongoing training for staff provided.

Reducing our Carbon Footprint

Permadoor is continuously working towards meeting the Carbon Trust recommendations to reduce its Carbon Footprint, and continuously seeks to reduce unit costs and levels of energy consumption.

Our Value Promise

Permadoor's Value Promise is based upon its commitment to provide a continued programme of product and service innovation and assessment in accordance with customer satisfaction needs. Each process is completed in strict accordance with BSI Standards and is assessed twice yearly.



Setting the Standards

Maintaining high product quality is of vital importance and in accordance with BSI quality management systems, all our products are quality checked at every stage of manufacture. Extensive product testing, consultation with customers and investment is undertaken in order to continually enhance the quality and performance of our doors and supply our customers with the ultimate in low maintenance entrance door technology.

Permadoor's steadfast commitment to quality in all aspects of the business is proven through our achievement of the ISO 9001:2000 quality management, ISO 14001:2004 environmental and OHSAS 18001:2007 occupational health and safety accreditations.



Quality Commitment

With over 20 years of manufacturing expertise, the Permadoor portfolio is widely acknowledged as the cost effective solution to door refurbishment.

Our philosophy revolves around supporting customers in every way we can from initial enquiry through to delivery, contract communication, post installation inspection and backup. Our production system is designed to manufacture door leaves or fully furnished sets to individual customers specification and with every process completed in strict accordance with BSI's quality management system, our guarantee of quality is assured.



✓ Customer Care:

Added value from Permadoor is provided by way of local representation and a dedicated service support facility.

✓ Initial Enquiry:

With a UK-wide external sales team, Permadoor ensures customers have access to the best possible advice at all times.

✓ Product Range:

Permadoor provides customers with a wide choice of over 30 styles from our fibreglass, thermoplastic and fire door range.

✓ Quotation:

Our team of estimators provide comprehensive quotations to your specification and are happy to help with any specification enquiries you may have.

✓ Surveying:

Permadoor's professional surveying team will undertake all of the surveying for you, to help ensure that your project runs according to plan. Our surveyors will also be happy to provide written guidance, verbal advice and onsite training if required.

✓ Technical Support:

Our technical department are always on hand to answer any questions you may have.

✓ Resident Support:

Residents' Choice forms are always available to enable residents to select door styles, colours and glazing. We shall attend or host a residents' choice meeting as required, at no extra cost to you. Permadoor will also manage the resident selection process on your behalf.

✓ Supply and Fit Service:

Permadoor's nationwide installation team will undertake to contract manage your individual projects, from receipt of order through to settlement of agreed final account. The service is one of total responsibility from initial site survey to final hand over and site clearance.

✓ Volume Manufacturing:

Permadoor have invested heavily in the latest CNC technology, automated packaging systems, a third manufacturing carousel and sophisticated computer systems providing us with unrivalled manufacturing capacity.

✓ Fast Track Replacements:

In order to provide the service levels any clients require, Permadoor provide four delivery timescales according to needs.

✓ Order:

Once an order is processed, our sophisticated computerised system will issue customers with an order acknowledgement and allocate a production slot to complement our customers delivery requirements. Each door is then given a unique barcode to enable tracking through every part of the process. This barcode then remains with the door even after installation allowing full traceability.

✓ Manufacture:

Our Sales Operations Department in conjunction with our Factory Planning Department ensures that every customer requirement is being met to schedule. Maintaining high product quality is of vital importance and in accordance with BSI

quality management systems, each completed manufacturing process is signed off to indicate quality conformity. At the end of the manufacturing process, each door is given a 54 point check by one of four, independent quality inspectors.

✓ Packaging:

All doors are securely packaged with spacer channels before being spiral wrapped and banded on our fully automated packing line. Ancillary items are stored in rigid tubes which are then attached to the side of the door frame.

✓ Distribution:

All doors are professionally and safely stowed to ensure safe arrival. Each door is given an identification label stating the address, client/contractor name, full product description and a barcode for identification and traceability.

✓ Installation:

Easy to follow installation guidelines are provided with all of our information packs however initial site training is always available and would be provided by one of our Service Support Managers.

✓ Guarantee:

Permadoor guarantees its products for 10 years in respect of defective manufacturing or materials from the date of purchase.

✓ After Sales Service:

Permadoor support their customers with fully trained service engineers in their distinctive Permadoor vans, available on a nationwide basis.

Fibreglass Doors



Permadoor 'Fibreglass Doors' are a comprehensive range of low maintenance composite doorsets.

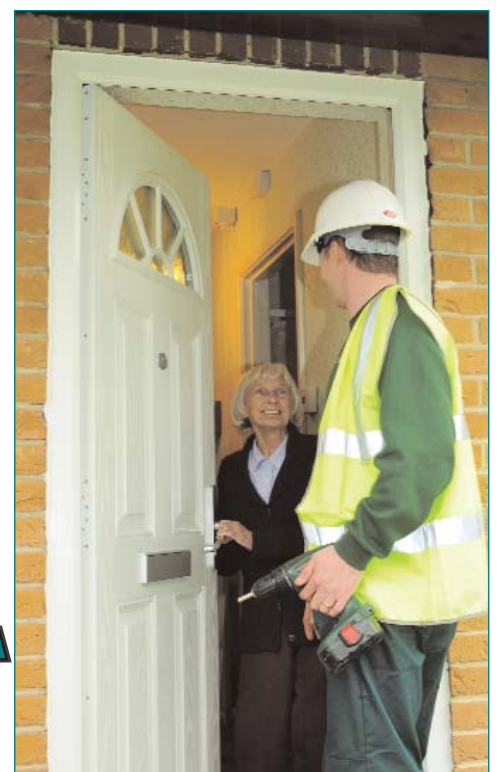
Finely crafted to replicate the appearance of wood, our doors combine the elegance of timber with the high performance benefits you would expect from Permadoor.

Product Specification

Our fibreglass range has been designed to meet the exacting standards required for social housing projects and can be manufactured to suit a wide range of specifications.

Traditional Appearance, High Performance

Permadoor fibreglass doors are manufactured with durable compression moulded thermoset skins that are embossed with an authentic cross grain effect for realistic timber appearance. These strong and secure doors will not dent, crack, split or splinter and will resist shrinking, swelling and warping with changes of temperature.



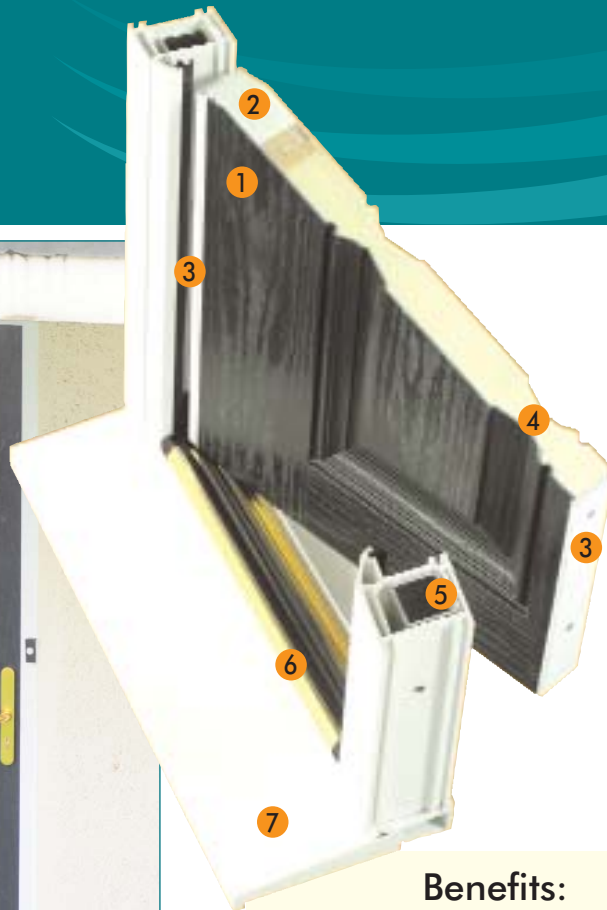
**10
YEAR
Guarantee**
Includes all factory
fitted components



Measured on W-m²k, the Permadoor Fibreglass range offers U-values of 1.1 to 2 dependant on the door style and glazing options required.

'Anti-bump' Cylinders

All our fibreglass doors can be fitted with an 'anti-bump' cylinder, which has been fully certified and licensed, enhancing the door's security potential.



- 1 Strong Fibreglass door skins
- 2 Composite construction engineered sub frame
- 3 White edge capping
- 4 High density foam insulated core
- 5 Dedicated 70mm co-extruded PVC-U frame reinforced with RCM
- 6 Part M compliant threshold
- 7 Range of cill options

Benefits:

- High performance, low maintenance sustainable products
- High thermal insulation
- High resistance to cracking, warping, bowing or twisting
- Through coloured
- High resistance to dents
- Secure and durable
- Wide range of style options
- Made to measure
- Simple to install
- PAS 23 and PAS 24 compliant
- Unique low threshold design for easier access, complete with drainage channels
- Part L, J and M compliant
- Secured by Design compliant
- 10 year guarantee
- Fully reinforced 70mm PVC-U frame

A choice of options

All fibreglass door styles are available in a wide range of durable finishes to suit all types of properties, traditional or modern. Doors can be supplied pre-finished in a choice of four colours, white and two stylish wood effect stains. Our finishing system is highly durable and will retain its colour stability way beyond our 10 year guarantee. Inner faces are supplied in white as standard. A wide selection of hardware is also available. Please contact us on 01684 595200 for further choices.



Colours shown are for guidance only.

For full technical specification of our Fibreglass range, please refer to our website, www.permadoor.co.uk.

Premier Plus – Thermoplastic doors



Thermoplastic faced composite door technology has been the tried and tested solution for social housing. The door has evolved allowing us to provide our customers with a highly durable, effective door solution which gives excellent workability and maximum protection from the elements.

PermaDoor utilises the very best materials and manufacturing techniques to ensure that these doors offer the highest performance with the minimum of maintenance.

Premier Plus Door Offers:

- High performance
- Virtually maintenance free
- Superior thermal insulation in comparison to timber doors
- Pre-finished thermoplastic facings that will not peel, flake, fade or crack
- High resistance to warping, bowing or twisting
- Grained or smooth finish
- Through coloured
- Resistance to knocks and scratches
- Wide range of style options
- Secure and durable
- Made to measure
- Simple to install
- 10 year guarantee
- Approved document L, part J and part M compliant
- PAS 23/24 compliant
- Secured by Design compliant
- Unique low threshold design for easier access, complete with drainage channels

**10
YEAR
Guarantee**
Includes all factory
fitted components



Outhouse Doors

Low maintenance outhouse doors are also available in thermoplastic and fibreglass finishes. Doors are supplied with a weather seal for enhanced weather performance and a drip head for outward opening doors. Thermoplastic doors are available in standard, narrow, midi and mini styles in a variety of colours.

Ideally Suited to:

- Shed
- Outside WC's
- Utility areas
- Storerooms
- Meter cupboards

'Anti-bump' Cylinders

All our Premier Plus doors can be fitted with an 'anti-bump' cylinder, which has been fully certified and licensed, enhancing the door's security potential.



- 1 Thermoplastic facing
- 2 Injection moulded high density polystyrene
- 3 Multi-directional laminated sub frame
- 4 Dedicated 70mm PVC-U frame reinforced with RCM
- 5 Part M compliant threshold
- 6 Range of cill options

Styles

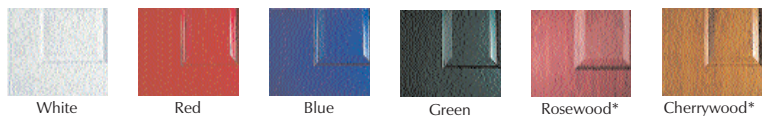
Premier Plus doors are available in both smooth and grained effect. Our grained doors are designed to combine the low maintenance benefits of a composite door with the aesthetics of a timber door. Panels are impressed with a detailed woodgrain effect permagrain and are available in a wide choice of colours options.

The doors are also available with double glazed PVC-U side lights or top lights and feature cassette glazing in a range of glass designs.



A choice of options

Premier Plus doors are pre-finished in a selection of through colours and woodgrain finishes, with inner faces prefinished in white as standard. Door skins are scratch resistant and will not peel, crack or fade. A wide selection of hardware is also available. Please contact us on 01684 595200 for further choices.



Colours shown are for guidance only. Rosewood and Cherrywood are not available in permagrain.

For full technical specification of our thermoplastic range, please refer to our website, www.permadoor.co.uk.

Fibreglass Door Styles

A complete range of door styles is available to suit all types of properties, traditional or modern. Doors can be supplied pre-finished in a choice of colours and finishes. Our finishing system is highly durable and will retain its colour stability way beyond our 10 year guarantee. Inner faces are supplied in white as standard. Doors will not dent, crack, split or splinter and will resist shrinking, swelling and warping with changes of temperature.

Cassette Glazing

Doors are cassette glazed in a choice of styles. Cassettes provide increased flexibility and are fitted with 26mm double glazed units with integral outer seals for optimum thermal efficiency. Our range includes a choice of colour, clear and obscure glazing options.



HUGHES



WORDSWORTH



BYRON



CHAUCER



SHELLEY



DRYDEN



BURNS



MILTON



BROWNING



KEATS



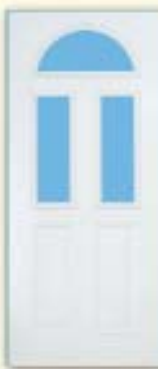
LARKIN



AUDEN



AYRES 2



BLAKE



TENNYSON



TONGUE & GROOVE



COLERIDGE

Premier Plus Door Styles



Premier Fire



10 YEAR Guarantee
Includes all factory fitted components

Permadoor's 'Premier Fire' range has been developed to exacting standards and successfully tested to BS 476 (part 22). Our fire doors are FD30 compliant and are available in a choice of Thermoplastic and Fibreglass doorsets.

Single or Double Glazed?

Premier fire doorsets are available in a choice of fire resisting thermoplastic and fibreglass composite door leaves. Thermoplastic fire doors are single glazed while fibreglass fire doors are double glazed.

Ideal for use where Building Regulations require a fully approved FD30 fire doorset, for example:

- Flats
- Shared entrances
- Multiple entrance dwellings

Our Premier Fire range is not only made to measure to meet clients own specification but is fully finished and pre-fitted with hardware and glazing.

Permadoor can offer half hour rated fire doors complete with either a mortice nightlatch or multipoint lock.

Premier Fire doors are available in both inward and outward opening configuration.

Premier Fire Door styles

- Available as Fibreglass
- Available in Permagrain finish



HUGHES



WORDSWORTH



Tested and assessed by the UKAS accredited Warrington Fire Research Centre and Chiltern Fire to BS 476-22:1987 and BS 476-31.1:1983, (WFRC Nos 137150; 137160; 138708; Chilt F07047).

All fire resisting composite door leaves are of a nominal 44mm thickness supplied pre-hung in a

standard 70mm PVC-U outerframe incorporating a unique fire sealing system (patent pending) so appearance is not compromised.

Security, safety and flexibility are a feature of every premier fire doorset. A choice of locking systems, including a mortice nightlatch, mortice sashlock or multipoint lock is available to choose from and each doorset is made to meet your exact specification requirements. All doorsets are supplied with hardware and factory fitted glazing.

FD30 Double Glazed Sidelight or Top Light

Permadoor is the first composite door supplier to manufacture double glazed PVC-U side lights and top lights which are compliant to BS476:22.

'Anti-bump' Cylinders

All our fire doors can be fitted with an 'anti-bump' cylinder, which has been fully certified and licensed, enhancing the door's security potential.

As you would expect Permadoor fire doors feature the following:

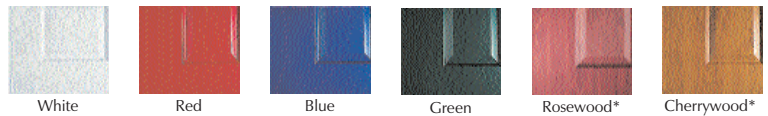
- High performance
- Virtually maintenance free
- Through-colour UV-stable thermoplastic or GRP facings that will not peel, flake, crack or fade
- High resistance to warping, bowing or twisting
- Resistance to knocks and scratches
- Secure and durable
- Made to measure
- Simple to install
- 10 year guarantee
- Approved document L, part J and part M compliant
- PAS 23 and PAS 24

Cassette Glazing

Fire doorsets are cassette glazed with a unique glazing system utilising fire resistant safety glass. Our fibreglass fire doors are double glazed and our thermoplastic fire doors are single glazed. A choice of clear or obscure glass is available as standard. Please contact us for further information.

A choice of options

All premier fire doors are pre-finished in a selection of colours and woodgrain finishes, with inner faces prefinished in white as standard. Door skins are scratch resistant and will not peel, crack or fade. A wide selection of hardware is also available. Please contact us on 01684 595200 for further choices.



Colours shown are for guidance only. Rosewood and Cherrywood are not available in thermoplastic permagrain.

For full technical specification of our fire door range, please refer to our website, www.permadoor.co.uk.



BYRON
✓ ✓

BURNS
✓ ✓

LARKIN
✓ ✓

UTILITY 1

UTILITY 2

AVON 2

PLAIN

COTTAGE 2

All styles available as Thermoplastic except Wordsworth

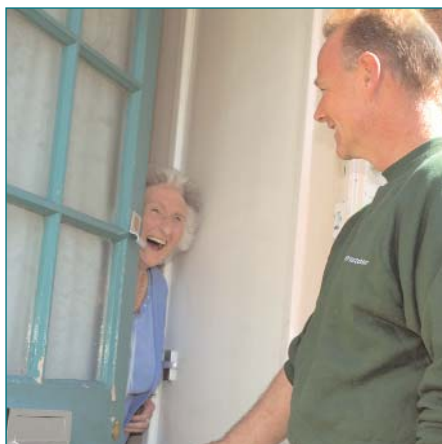
10 Steps of Permadoor

1 Pre-Contract Meeting

A pre-contract meeting will be organised to refine the customers' needs, ensuring that you get the service and the products you expect.

2 Receive purchase order or authority to proceed

Once the go-ahead is given, the order details will be stored on our fully automated computer system, awaiting the next step.



3 Inform residents of the choices available

We shall organise or attend a resident's choice meeting in order to answer all of your residents' questions and offering them the opportunity to select their door from the range of styles available.

4 Survey the doors

Once the selection has been made, our fully trained surveyor will arrange a time suitable to visit the residents' homes to survey each individual door inside and out.



5 Receipt of surveys and residents final choice

Once we have received the final door choices and the completed surveys, we are able to complete the contract processing.

6 Input for production

The order will then be processed according to your timescales. Working spreadsheets are always available and make weekly progress checks possible.

7 Deliver to site

Our fleet of delivery vehicles and drivers cover all areas of the UK and will deliver your doors direct to site, on time, complete and in good condition.

8 Installation of doors

Doors are installed according to our customer's programme which is scheduled through our weekly management reports. Installation teams are managed through 'onsite' supervisors and contract managers, and are all fully accredited and experienced in working within the social housing sector.



9 Site Clearing

Applying recognised best practises, Permadoor will leave a residents house clean and remove debris on a daily basis.

10 After sales service

From a team of mobile advisors constantly available to a 24 hour local locksmith service, Permadoor ensures that the customer is looked after even after the job is complete.



Permadoor Accreditations



BSI 14001: Permadoor is committed to controlling and minimising its environmental impact on all communities, and to working in a sustainable manner. This is

underpinned by the commitment of our employees, customers and suppliers to ensure sustainable environments for all.

We ensure compliance with all relevant environmental legislation, and follow a programme of continuous improvement by the operation of an Environmental Management System; BS EN ISO 14001:2004 across all manufacturing sites.



BS EN: Permadoor has been BSI registered since 1989 and is fully committed to the ISO 9001:2000 quality management system, which provides the company with a

common sense approach to the management of the organisation.

ISO 9001 ensures consistency and improvement of working practices, which in turn provides products and services that meet customer's requirements. It is the most commonly used international standard that provides a framework for an effective quality management system.



Secured by Design:

Permadoor were one of the first composite door manufacturers to be awarded the Secured By Design license

back in March 2000. The accreditation was launched as a police initiative to encourage the UK building industry to adopt crime prevention measures in the development and design of buildings. Sponsored by ACPO, the Association of Chief Police Officers, Secured By Design aims to reduce the opportunity for crime and thus provide safe and secure homes in which people can live.

✓ **PAS 23** **PAS 23/24:** During 1999, PAS 23-1:1999 and PAS 24-1:1999 door standards were issued by the BSI as methods of testing and assessing the general performance and enhanced security performance requirements of single leaf, external door assemblies to dwellings. Permadoor's range of doors meet the full requirements of both PAS 23 and PAS 24 as tested by BSI, Chiltern Dynamics and Fullex testing.



ACDM: Permadoor is a founder member of the Association of Composite Door Manufacturers (ACDM), which has been formed to promote and represent the concept of composite doors - namely, those doors that are made from more than one material. The formation of the Association of Composite

Door Manufacturers represents a milestone in the development of the composite door as a product and underlines its increasing popularity in all facets of the Housing Market.

A major part of ACDM's remit, is to represent the concept of composite doors within technical and consultative bodies involved in the formation of door performance standards across new build and home improvement markets in Britain and Europe.



LAPFAG: LAPFAG (The Local Authority PVC-U Frame Advisory Group) is a public advisory body that was established in 1988 in order 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.

LAPFAG is an independent organisation that has a membership of Local Authorities and Housing Associations throughout the UK. To qualify as a LAPFAG approved supplier, companies must first be nominated (and seconded) by LAPFAG members who have dealt directly with the company concerned.



FENSA: FENSA was set up by the Glass and Glazing Federation (GGF) at the request of the Government to allow

registered companies to self-certify that their installations comply with current Building Regulations. As Permadoor offers a supply and fit service, Permadoor is accredited to FENSA to ensure compliance of the work its team of fitters carry out.



EXOR: Permadoor is an accredited Exor supplier. Established in 1997, Exor provides an efficient, outsourced supply chain service to

Central/Local Government, Housing Association, Private and Public Sector Organisations, encompassing all categories of expenditure with all types of suppliers, ranging from Sole Traders to FTSE 100 companies.

Exor's supply chain programme is specifically designed to enable organisations to best meet targets and obligations in the areas of efficiency, economic development, regeneration and procurement risk management.



CHAS: Permadoor became a CHAS accredited supplier in 2009. Contractor Health and Safety assessment scheme (CHAS) is available for use by any public and

private sector organizations to use when shortlisting contractors, suppliers and consultants (companies) who apply to work for them.

The scheme assesses a company's health and safety policy statement, organization for health and safety, specific health and safety arrangements to a standard acceptable to our client users.



Constructonline:

Constructonline is a public private partnership between the Department of Business, Enterprise and Regulatory Reform (formerly the DTI) and Capita Business Services. As a national online database, it is the UK's largest register for pre-qualified contractors and consultants. The scheme provides the pre-qualification tool for use in financial standing, technical references and other areas. Permadoor are committed to promoting full transparency in business and this is underpinned by been a fully accredited member of Constructonline.



Safecontractor: Permadoor is committed to safe practises within its operations and this commitment is underpinned through its membership of Safecontractor.

Safecontractor is an accreditation scheme that assesses the health & safety competency of contractors and service providers. The SAFEcontractor Charter Standards set down the benchmark against which the contractor is assessed by demonstrating their Health & Safety competence.



BM Trada:

BM TRADA Certification is a leading multi-sector certification body accredited by UKAS (United Kingdom Accreditation Service). BM TRADA's portfolio of services includes certification to quality, environmental, information security health & safety and food safety management systems, as well as product and personnel schemes. Permadoor work continuously to maintain the BM Trada certification.



OHSAS 18001: OHSAS 18001 has been developed to be compatible with the ISO 9001 (Quality) and ISO 14001 (Environmental) management

systems standards, in order to facilitate the integration of quality, environmental and occupational health and safety management systems by organizations.

Permadoor has been OHSAS registered since 2007. The (OHSAS) specification gives requirements for an occupational health and safety (OH&S) management system, to enable an organisation to control its OH&S risks and improve its performance. It does not state specific OH&S performance criteria, nor does it give detailed specifications for the design of a management system.



Part of the Epwin Group

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✓ PAS 23
✓ PAS 24

