

*BETTER TIMBER WINDOWS FOR THE TRADE*

*Products:*

*Stormproof Casement Windows*

*Flush Casement Windows*

*Sash Windows - Vertical Sliding*

*Tilt & Turn Windows*

*Bi-fold Doors*

*Patio Doors*

*French Doors*

*Entrance Doors*

**DALE**

W I N D O W S



Our mission is to supply the trade with better designed, better specified and better made timber windows and doors that will add prestige and value to the discerning build. Our range is manufactured from knot-free timber which is engineered to minimise warping and twisting and is supplied fully finished and glazed for minimum fuss on site. Our award-winning IT and robust supply chain are geared to providing rapid turnaround times, on made-to-measure products, for projects large and small.

## Stormproof Casement Windows



Our high performance Stormproof Windows are manufactured using engineered timber profiles. Advanced technology in design and manufacture guarantees a long life of hassle-free use and provides superior levels of stability, security, insulation, weathering and glazing performance.

Made to order, Stormproof windows are internally beaded for security and utilise a modern multi-point locking system to all opening sashes. A convenient dual-locking position allows the window to be locked ajar for ventilation. Stormproof windows are fitted with dummy sashes to all fixed areas and are factory glazed with argon gas filled sealed units comprising soft coat energy saving glass to give a 1.1W/m<sup>2</sup>K U-value.

Available in knot-free, engineered redwood in a variety of styles and sizes to suit your project, our Stormproof windows are fully factory finished in a choice of micro-porous paint or stain finishes. The windows are factory fitted with stainless steel friction hinges and the frames fitted with a high specification draught seal. A range of quality ironmongery fittings and cills are available and trickle vents can be incorporated as required.

## Flush Fitting Casement Windows



The flush fitting casement is a highly attractive window designed for conservation needs as well as for projects that require modern performance but with a traditional look. The flush appearance of the sash sitting within the outerframe gives the window clean, unobstructed lines and a timeless appeal.

Whilst traditional in appearance our flush fitting casement window benefits from modern technology in the form of warp resistant engineered timber, multi-point locking with night vent position, ventilation grooves, drainage channels and high performance, energy saving double glazed units.

Fully factory finished in a choice of micro-porous paint or stain finishes, flush fitting casements are made from knot-free engineered redwood in a variety of styles and sizes to meet the requirements of any project.

The windows are factory fitted with high quality stainless steel friction hinges and a range of attractive ironmongery is available. Trickle ventilation can be incorporated as required and dummy sashes can be fitted as an option to all fixed areas.



## Sash Windows - Vertical Sliding



Our vertical sliding sash window has been designed with the dimensions of the sash frames, meeting rails and glazing bars made slim and with traditional mouldings. To carry the weight of double glazed units, our sliding sashes are hung on smooth running, concealed springs. This neat, unobtrusive mechanism provides a discreet and visually superior alternative to the more commonly available spring balances.

Ideal for conservation areas, historical building projects, refurbishments or distinctive new build developments our sash windows offer traditional timber sash window sightlines with a choice of elegant glazing bars. These expertly crafted, well-built windows incorporate quadruple weather-strips and extremely high insulation (1.1W/m<sup>2</sup>K) sealed glazing units which minimise heat loss and down draughts. As with all items in our range, our sash windows are fully factory finished in a choice of micro-porous paint or stain finishes.

Made to order in a range of sizes and styles, our sash windows are available in engineered redwood and are factory glazed with argon gas filled sealed units comprising soft coat energy saving glass.

## Tilt & Turn Windows

Our Tilt and Turn windows are manufactured using engineered timber profiles and are fitted with hinges that allow the sash to turn into the room from the side for ease of cleaning or tilt in from the top for controlled ventilation.

Made to order, the Tilt and Turn windows are internally beaded for security and are fitted with high security multi-point perimeter locking with cams and bolts to guard against jemmy attack. Our windows are fully factory finished in a choice of micro-porous paint or stain finishes and are factory glazed with argon gas filled sealed units comprising soft coat energy saving glass to give a 1.1W/m<sup>2</sup>K U-value. Other features include an external colour-matched drip bar that conceals an in-built drainage system which discharges water efficiently and a stainless steel arm that braces the sash when it is in the open tilt position.





## Bi-fold Doors

Our range of bi-fold doors has been designed with performance and space saving in mind. Open-in or Open-out, the doors stack completely to the side to allow complete opening of the aperture. Sliding and folding doors offer a practical solution to both modern and traditional house designs, by bringing your internal living area and the outside together as one.

Attention to detail in terms of drainage and weathering ensures that even during the worst weather conditions you can be confident that they will perform well.

The glazing in the doors features high performance glass and argon filled double glazed units which means heat loss is kept to an absolute minimum, whilst ensuring that on cold days the solar heat gain is maximised.

The doors are available fully factory finished in a range of paint or stain finishes and are made-to-measure to suit your project, so that you can be assured of a perfect fit.



## Patio Doors

Our exceptionally smooth gliding patio doors are available in two, three, four or six pane options. Since each pane may be manufactured up to three metres wide, our six pane doors are capable of spanning widths of up to an astonishing eighteen metres (60 feet).

Horizontal sliding patio doors suit a contemporary design scheme and are also ideal in locations where space is at a premium. High security multi-point locking mechanisms, security glazing and anti-lift out devices make them a robust barrier against forced entry.



## French Doors

Double opening French doors are available outward or inward opening to meet your requirements. The master door is fitted with multi-point locking mechanisms to Association of British Insurers Approved standards featuring hook bolts and deadlocks, whilst the slave door is fitted with strong, unobtrusive flush bolts. All French doors are hung on fully adjustable hinges that are colour co-ordinated with the handle.

Manufactured to order, in engineered redwood our French doors

are factory glazed with argon gas filled sealed units comprising soft coat energy saving glass to provide a 1.1W/m<sup>2</sup>K U-value.

Available in a variety of styles and sizes to suit your projects' needs, our French doors are fully factory finished in a choice of micro-porous paint or stain finishes. Door frames are fitted with a high specification draught seal, fitted to its perimeter. A range of quality ironmongery fittings and cills are available and trickle vents can be incorporated in the frame head, if required.







## Entrance Doors

Our modern range of high performance doors are stunning and provide a focal point of quality to any refurbishment or development project. A wide and highly versatile range is available, modelled on designs and configurations of entrance doors typically found in homes of quality across the country. Manufactured to order, our doors are factory glazed with argon gas filled sealed units comprising of soft coat energy saving glass and aluminium spacer bar to give 1.1W/m<sup>2</sup>K U-value.

Special features include door sashes being factory fitted into the door frames on adjustable and demountable butt hinges thus greatly simplifying installation; and a highly secure multi-point locking system fitted as standard. An attractive range of ironmongery and furniture options are available to create the final distinctive appearance. Our doors are fully factory finished in a choice of micro-porous paint or stain finishes.



# Guarantees

Product	Guarantee	Comment
 Timber	30 years Fungal & Insect Guarantee	Subject to fully maintained protective coating
 Sealed Unit	10 years Sealed Unit Guarantee	Manufacturers warranty on factory glazing
 Hardware	10 years Hardware Guarantee	Manufacturers warranty
 Workmanship	10 years Workmanship Guarantee	Manufacturers warranty
 Paint	8 years Paint Guarantee	Subject to climate conditions & product care
 Stain	5 years Stain Guarantee	Subject to climate conditions & product care



# Wood - a natural material

Wood has a character, style and versatility that no other material can match. It is a natural product that we feel comfortable to live with in our homes. Sustainable and renewable it is warm and beautiful to look at with good acoustic properties and available in a range of paint and stain finishes. Wood can provide the perfect solution for every type of window or doorsets.



# Technical Specification

Product Range	Stormproof casement windows, flush fitting casement windows, sash windows, tilt and turn windows, single entrance doors, double doors, bi-fold doors and patio doors
General Information	All products are made-to-measure, supplied fully factory glazed and finished. The entire range is manufactured from engineered, warp and twist resistant multi-layered timber for strength and stability
Timber Species	Engineered European redwood
Profiles	Chamfered
Finish • paint • stain	Any standard RAL colour paint finish Choice of five different stain finishes
Glazing	Cassette beaded internally
Glass	24mm (4/16/4) glazing as standard with soft-coat energy saving glass and argon gas filled sealed units. Choice of clear, patterned or sandblasted glass, which may be annealed, toughened or laminated. Self cleaning, noise-reducing and solar controlled glasses available on request
Locks	Association of British Insurers approved multi-point locking mechanisms to all doors. Secure multi-point locks to windows with night vent position and key lockable handles
Ventilation	Trickle vents option
Handles	Standard - white, gold, polished chrome, satin silver and black
Hinges	Friction hinges as standard Easy-clean and restrictor friction hinges available
Head drips	Frame fit 10mm, 20mm, 30mm & 40mm
Add-ons	Frame fit 10mm - 100mm (10mm increments)
Cills	112mm, 145mm, 165mm, 190mm

We reserve the right to make changes to the product specification as technical developments dictate and without prior notice.



## **BETTER TIMBER WINDOWS FOR THE TRADE**

### Product care, handling, storage and maintenance

Our products are manufactured and factory finished under controlled conditions and will provide excellent service if handled, stored and maintained correctly on site prior to installation. Our timber products should be treated with care from the outset like furniture.

#### **Handling**

Always ensure that there is adequate labour or the appropriate mechanical lifting gear available on site to safely offload and transport the product on site to avoid causing any damage.

#### **Site Storage**

- Long term storage of our products on site is not recommended.
- Timber products should be stored in a clean dry area and kept away from other site activities to avoid damage to the timber, glass, ironmongery or factory finishes.
- Failure to store, handle and maintain our timber products appropriately could invalidate your guarantees.
- Always place factory finished and glazed products on bearers and store vertically.
- Any protective wrapping on the product should be left in place until the product is required for installation and care must be taken when removing any protective wrapping.
- Sashes must always be kept in the closed position during the building/installation process and any on site glazing should also be carried out with the sashes closed.
- Allow sufficient spacing between each product to prevent handle or cill damage, for ease of handling and to maintain good air circulation around the products.
- Always avoid storing products in extremes of light or temperature or in unventilated rooms or where wet trades are taking place.



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