

Bespoke Timber Staircases and Fire Doorsets





Staircases

Stairs are one of the most important pieces of architectural furniture to put in your house or home. At David Smith St Ives Ltd, we produce purpose-made, bespoke staircases for any type or size of residential building project. We recognise the importance of the design and the personal touch a truly bespoke stair deserves, so our dedicated and experienced team of designers will provide advice, from initial design through to delivery, fitting and decoration.

During the design process, our experienced design team will look after the finer details, ensuring that your ideas and dreams can become a reality. We provide rendered images and three-dimensional visualisations to ensure our proposal meets your vision. By visiting the site, talking to architects and understanding clients' needs, we find the solution that realises your dreams.

Every staircase that we produce is made to measure, with site visits to check measurements if necessary. Our aim is to deliver a product that is both beautiful and technically sound. Hence we utilise the latest CNC manufacturing facilities and a production team, many of whom have over 40 years' experience with David Smith St Ives Ltd, and who will assemble and handcraft beautiful, sustainably sourced timber staircases that are 'your' creation.



Detail

Superior quality, bespoke components, CNC-machined and finished by hand to give that special quality to your staircase. Whether you are looking for ornately turned spindles, the straight lines of stop-chamfered, or clean, bright stainless steel, we have the capability to deliver a solution that suits your taste. There are endless choices and details you can pick from or design, however, our highly skilled joiners, manufacture and fit team in our workshop can produce a totally individual look, enviable to all who see it. The detail of your stair counts towards the final style and quality of your staircase. You could choose a glass balustrade which would give an open feel and provides a contemporary finish to your staircase. Finishing your staircase with a glass balustrade in panel format supported by metal clamps with a continuous timber handrail, delivers such an effect. Steel can be used in order to remove supports or fixings; working with our design team we can find a solution to hide these supports. Demonstrated in the stair below, steel is hidden in the strings to remove any supporting columns between the landing and the floor plane.



Beauty

Whether your staircase is traditional or modern, it is important to ensure its beauty as a showpiece in your home. Traditional staircases are still in high demand despite huge variations in client requirements in today's market. With 60 years of experience in the staircase industry, our craftsmen and designers excel in delivering beautiful traditional staircases, whether they feature a cut string or the use of modern techniques, for instance, incorporating a hidden steel section for support. We can work to create the most ornate or clean looking stair for you. With ever-changing trends in design, architectural furniture is required to suit a specific style and look. Using the same craftsmanship represented in our collection of traditional bespoke staircases, we can manufacture sculptural, clean, understated, modern and contemporary staircases to suit you. With more technology available to us, you have more freedom to explore the junction and mix between different timbers, metals and glass, which allows your imagination to run free, as demonstrated in the stunning oak open riser and cut string and bespoke continuous handrail staircase to the right.



Crafted for you

David Smith St Ives Ltd provides you with a service that has been learned over many decades in the timber staircase industry by some of our employees. Our aim is to provide you with your dream staircase, hence we aim to meet the requirements you set and the standard you set whilst our estimating team make sure that your ideas and dreams fit your budget. We strive to deliver a stunning bespoke staircase that you can enjoy for years to come in your new, restored or refurbished home.

With assured accuracy from CNC machines, we aim to ensure that the staircase accurately fits into place. Your staircase is carefully packed as a complete kit and delivered using our own fleet of vehicles to deliver at the right time and with the correct vehicle to suit site conditions and our clients' needs. We work to deliver a staircase to ensure we meet your programme and required delivery date. Our own dedicated fitting team of joiners will then come to site and expertly fit the creation that is your staircase, making it fit with their surroundings like a finely crafted piece of furniture.





Bespoke Doors

Doors are more than just functional objects, they add personality and style to a house or home. From minimalist flush doors to traditionally crafted panelled doors, we can offer designs that are unique and personalised.

With over 60 years of experience in the construction industry, we understand the importance of versatility and creativity. Working closely with our clients and their specific needs, we have been able to develop a wide range of special products that we now offer to the residential market.

Our objective is to be able to provide clients with a complete solution, a range of exclusive timber products that would enhance any home. Doors, frames, architrave and skirting are tailored to match or complement our custom-built staircases.

Whether you choose to use our existing designs or you have your own concept, our sales team will guide you through costs to meet your budget before our technical staff convert your ideas into reality.

Using techniques developed for the commercial market, specialist machinery and skilled craftsmen, we are able to create features with inlays, engraving and laser-cut veneers that transform a relatively plain flush door into a distinctive piece of furniture.

For traditional, contemporary or retro fashion applications, our solid timber panelled doors would grace the interior of any exclusive home. Using our tried and tested methods of construction, our clients have the freedom to create designs that add luxury and value to their home.



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Capability

To add real style to your doors, the quality and choice of the decorative face is of great importance. For this we can offer material from a range of real wood veneer, high pressure laminates or PVC; or, where a plain colour is required, our Colourcote system is ideal.

Where solid timber is used, we offer a range of quality timbers from FSC® or PEFC environmentally certified forests around the world.

Glazed doors increase light transfer between areas creating a feel of bright open space. Our exclusive range of bead profiles and materials provide the means for clients to create glazed aperture configurations of a unique design, individually tailored to suit the door pattern or mirror other features in the home.

For an extraordinary effect, the mixing of veneer or timber species will create a distinctive look. Using a different material for the lippings and glazing beads will produce a stunning visual impact, and quality architectural ironmongery will add the finishing touches.

With our expertise in joinery, we can supply products and ancillary items that complement our doorsets. Our machining facilities also produce special trims, architraves, skirting, dado rails and window boards in softwood, hardwood, MDF or veneered MDF.

Glazed screens are becoming a common feature of luxury homes and residential developments. Working alongside the major glass producers, we have developed a system of fire-rated and acoustic glazed screens that are very adaptable in size, appearance and construction. They can be combined with any of our door and frame ranges and produced from matching materials to provide uniformity throughout the design.



FIREDOORS





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Distinction

For something special, engraving offers a cost-effective solution in creating a door design on a blank canvas of veneer. Using one of our own designs or something specific that relates to you or a feature of your home, we can apply symbols, patterns or motifs using CAD/CAM technology.

By using similar techniques we are also able to insert decorative metals to produce simple lines or geometric shapes to break up an expanse of veneer. Adding stainless steel coordinates with today's modern house designs of glass and steel, or can be used to complement the ironmongery or other fixtures in a traditional style home.

Real wood veneer is a unique natural material that lends itself to door face designs almost without limit. Mixing different species or applying strips as stiles and rails is just the beginning of what can be achieved. With the simple addition of inlays for effect, or for something very exclusive, veneer can be used to create designs and patterns in the form of marquetry, with individual parts precision cut by laser.

Most designs can incorporate feature glazed openings, shaped to complement the engraved or inlaid face of the doors. A choice of glazing bead profile adds a further dimension to the overall design, creating doors of distinction.



Technical

From our long experience in the construction industry we have developed a range of performance doorsets that provide fire resistance, smoke control, acoustic insulation and security. Combined with these performance enhancements, all of our doors are tested to the highest levels of durability and achieve a severe duty performance.

It is now very evident that residential clients prioritise safety in the home and consider fire resistance and smoke control to be important features in doorsets, even though these are not enforced through legislation.

Through full-scale testing, our doorsets are proven to resist fire and smoke leakage, offering personal protection and containment of fire in a building.

Controlling the effects of noise in the home is now of increasing importance. With help from our doorsets and the enhanced technology, everyone can enjoy their own privacy without disturbance from the noise of entertainment systems or general appliances from other rooms.

Our extensive durability testing is laboratory evidence to show that the doorsets we supply are very resistant to everyday use and have a life-span that you would expect from a premium product.

We can offer solutions to technical and design issues and provide the assurance of uniformity, compatibility and compliance to regulations when mixing our products as complete doorsets or doorkits.

With the technology of performance and our flexibility in design, our aim is to supply our clients with a complete package that adds style and individuality.

Quality

At David Smith St Ives Ltd, we provide a level of service that has been honed over 60 years in an industry where quality is an expectation. From the outset, our aim is to deliver a product that meets requirements and standards and is of a quality that you should expect from a market-leading doorset manufacturer.

Our quality systems encourage our operatives and tradesman to take pride in the products that we deliver. We work hard to ensure that the craftsmanship is second to none and that accuracy is assured by the use of high-specification CNC machines.

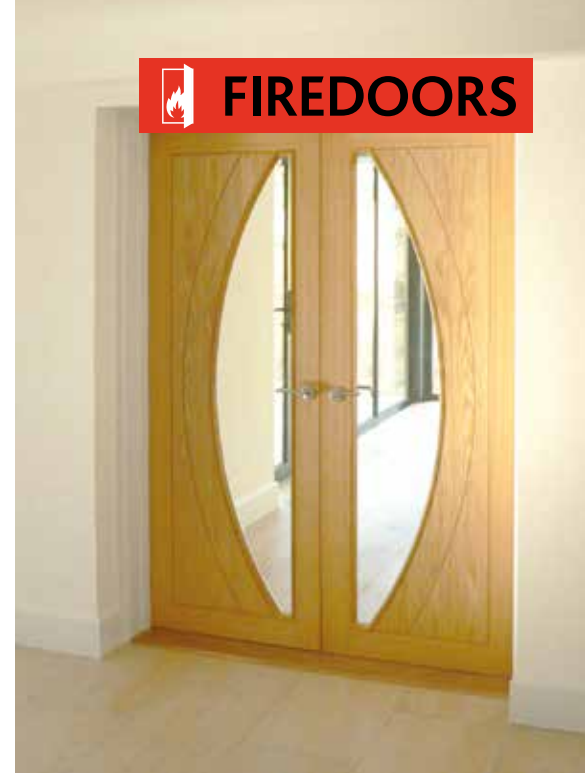
All of our doors are of a solid core construction or solid hardwood, providing performance and the feel of true quality that you will enjoy for years to come.

Ironmongery

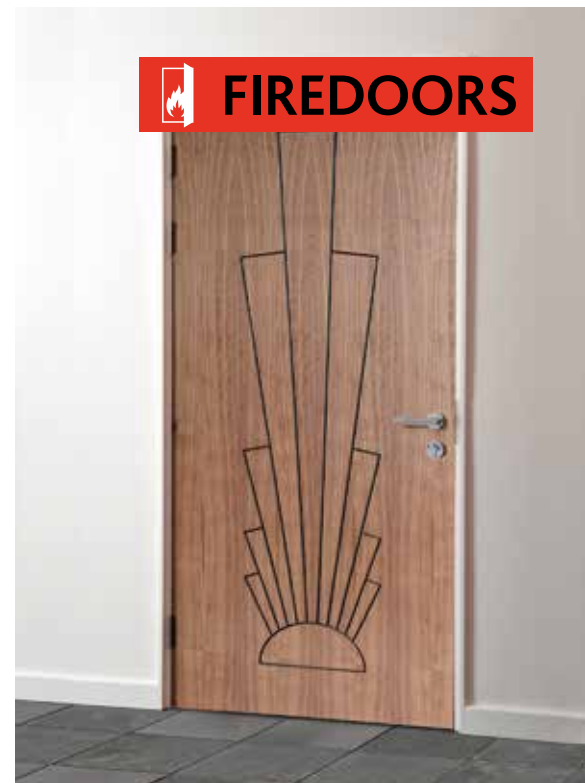
To complete the package, we are able to prepare for and supply all your ironmongery needs.

From the essential hinges, locks and flush bolts to designer handles, our range is comprehensive and varied to suit everyone's taste and style.

To provide full peace of mind, fully qualified GAI members work with our door designers to ensure that the most suitable products are used. Should your doors be fire-resistant, we take on the responsibility under our certification to supply fully compliant essential ironmongery fitted with the necessary fire protection.



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Timber Engineering Specialists

Founded in 1963 by David Smith, the company has grown into a purpose-built 100,000 sq ft manufacturing plant on the outskirts of St Ives, Cambridgeshire. Whilst our premises have expanded, our products have developed and our manufacturing processes have modernised, we stay true to the traditional values of craftsmanship, successfully combining it with technical support and superior production techniques.

David Smith St Ives Ltd remains a family-run company, now part of the Wyckham Blackwell Group of Companies, we form one of the UK's largest timber engineering companies. We build on long-term working relationships the foundations of which are trust and mutual respect with both clients and our workforce. We employ around 150 people; most are local and many have grown up with the company.

We are one of the UK's leading manufacturers of high-performance timber products and associated fittings through doors and doorsets, staircases, roof trusses, JJI Joists®, Metal Web Posi-Joists and Glulam.

Our purpose-built premises in St Ives, Cambridgeshire, and our design and manufacturing capabilities enable us to handle varying size orders and more unusual bespoke items.

Using the latest automated equipment, we can offer high levels of precision as well as flexibility in our processes. We achieve consistently high product standards and operate cost-effectively which, in turn, benefits our customers who need to control costs while maintaining appropriate levels of quality.

Each product division has its own design team, using the latest CAD software to prepare technical drawings and product specifications. These designs are then programmed directly into specialist machinery to produce each component. Assembly is enhanced by the skills and craftsmanship of our long-serving local workforce.

Our years of experience and depth of technical knowledge enable us to identify the best products for particular applications. When involved in the planning stages of projects, we can add value by providing direction on the product technology and its capabilities.

Whether plans are at the drawing stage or you are a contractor working to specified requirements, we are always on hand to provide advice.



Sustainably Sourced

We are a founder member of the Truss Rafter Association (TRA) and an active member of the PEFC (Programme for the Endorsement of Forest Certification) and Forest Stewardship Council® (FSC®) organisations. We have been granted certification to the FSC® and PEFC Chain of Custody schemes.

Our products are predominantly manufactured from timber and we actively seek to partner only those timber suppliers who operate a policy of responsible timber management. David Smith St Ives will not knowingly use species of timber that are prohibited, or are from illegal sources, and will endeavour only to work with suppliers who can demonstrate their environmental responsibility and awareness.



Reduce, re-use and recycle

Wood residues produced as part of the manufacturing process are segregated to allow their recycling into animal bedding and other specialist products, leaving only the true waste material, which is used on-site to fuel our burners/boilers for heating; these specialist pieces of equipment produce low emissions and are regulated and authorised by the Local Authority. This system greatly reduces the amount of road transport traditionally needed to remove waste materials.

Our extraction system filters and returns the air to the factory to minimise heating losses and maintain air quality. We use air from the factory, which gains 'free' heat from human, electric motor activity and solar energy to dry product in our spray shop. This removes the need to provide additional heating energy.

Packaging card, paper and plastics are segregated on-site and stored for economic collection and recycling by contracted off site specialists. We make extensive use of machine specific and timer controls to turn off unnecessary motors to save energy. We ask that pallets be returned to us for reuse when we next deliver.

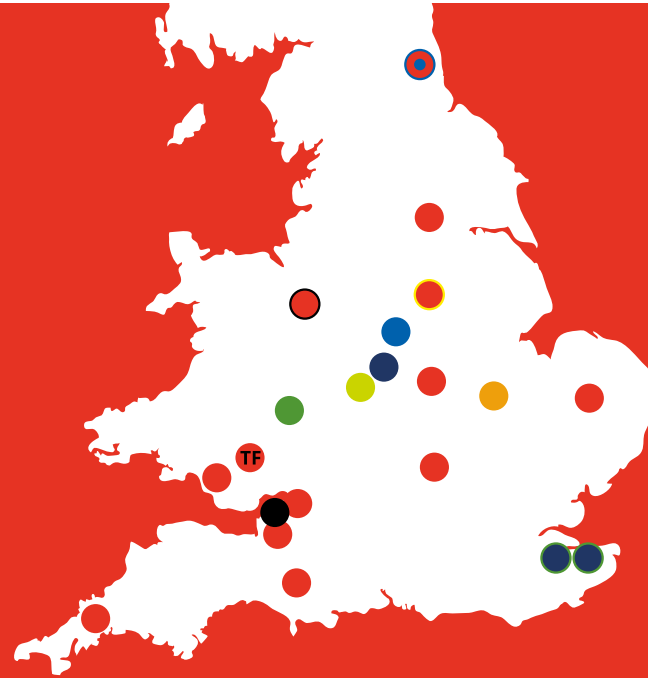


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