

MERRONBROOK

— DELIVERING TIMBER ENGINEERING EXCELLENCE



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— DELIVERING TIMBER ENGINEERING EXCELLENCE

Hazeley Bottom | Hartley Wintney | Hook | Hampshire | RG27 8LU

Tel: 01252 844747 | Email: sales@merronbrook.co.uk | Web: www.merronbrook.co.uk



Website SCAN ME



50 years of experience in the Engineered Wood Products industry

Introduction

Merronbrook is a family run timber frame business and has been in operation since 1964. These days, we specialise in the design, supply and installation of complete timber frame packages, alongside the supply of roof trusses and easi-joist® open metal web floor systems. We are ideally situated in North Hampshire and our five and a half acre site has convenient access to the M3, M4 and M25 motorways, and is easily able to service the home counties and London.

The company has grown from a joinery business to market leaders in the manufacture of prefabricated timber houses. In fact, it was as long ago as the 1981 Ideal Home exhibition that Merronbrook first exhibited its modular timber frame concepts before branching out in 1984, to produce its own roof truss systems. Over the years, we have built on our reputation for quality and

performance in delivering engineering excellence that has seen us establish an enviable reputation in this sector.

Timber frame manufacture is in our blood and our ability to move with the changes in demand, legislation and manufacturing technologies, as well as meeting all our customers' requirements, has made Merronbrook the business it is today.

We are very proud of our past and equally excited about our future.

About Us

Our Heritage

Merronbrook was established in 1964 and has nearly 50 years' experience in the Engineered Wood Products (EWP) industry. Starting out as a joinery business, this family-run firm soon started developing prefabricated timber frame house kits and has honed a reputation for cost-effective and high-end products, alongside excellent customer service. In fact, Merronbrook has become so successful in this field that we now even sell timber frames back to Scandinavia. Today, the business is overseen by Alex and Phil Duff and continues to grow from strength to strength.



Alex Duff - Managing Director



The Merronbrook site in 1974.

Our current home provides the perfect combination of connectivity and seclusion, and the Duff family have been manufacturing in some form here since the 1960s. The site has an industrial heritage spanning 400 years and is the setting of a former clay pit and brick making works, evidence of which can still be seen in and around the location today. These days, however, sees a much more streamlined and modern set-up that comprises two main yards and a production area. Incorporated within these are our trussed rafters and easi-joist® facilities, our engineered floor joist factory, which was established in 2008 and a timber frame production line. With steady financial management, we continue to carefully invest in our site, offices, workshops and equipment. As the business grows we are bringing employment to the local area and an edge that our competitors struggle to match.



**Timber
engineering
is what we
do best**

What We Do

Specialist in Engineered Wood Products

Engineered Wood Products (EWP) have grown in popularity to become the primary choice for builders and property developers alike. Merronbrook specialises in the manufacture of timber frame components, open web joists and roof trusses and as technology has evolved, so have we. We have invested in the most advanced equipment and use the latest industry practices, always striving to maintain our high standards of quality, reduce lead times and, ultimately, shrink costs for our customers.

Communication is key throughout the process and our Design, Estimating and Manufacturing teams all operate out of the same facility. This helps Merronbrook provide exacting timber frame, roof truss and easi-joist® packages to our customers and enables them to engage with us in person.

<http://>

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Product Range

Trussed Rafters

These are flexible, economic and the perfect solution for the structural framework of a roof. They can be used in a range of building types, including domestic and commercial structures.

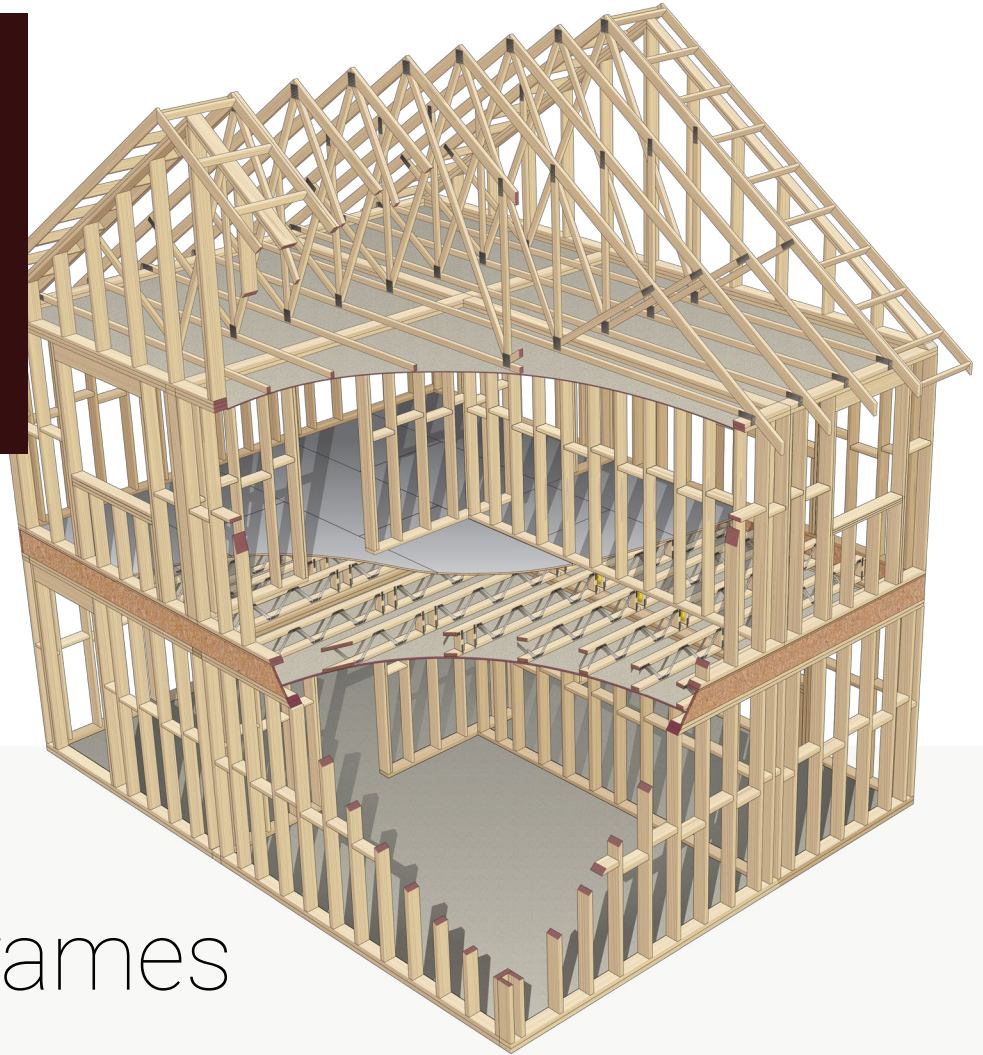
Timber Frames

Merronbrook's timber frame packages provide a solution for most site requirements. They can be used in one-off bespoke house builds or for national, multi-house projects.

Floor Systems

Open metal web joist systems are the smart choice for floor zones. They allow for longer spans, greater service-carrying potential and more design flexibility.

Expertise in Engineered Wood Products



Timber Frames

Merronbrook Timber Frame Packages

Getting things right first time and on time is part and parcel for Merronbrook and has helped make us one of the South of England's foremost specialist timber frame manufacturers. Our in-house and experienced timber frame specialists will guide you through all our frame packages, tailoring a solution to suit you and your specific site requirements.

We begin the process with a one-to-one consultation, which can be over video call or face-to-face, whatever is most convenient for our customer. From there on in, we will work with your architect or designer and obtain your building plans for our internal CAD timber frame designers to work on, prior to full-scale production of your order.

Based on the resulting designs, the timber is cut in our timber frame workshop to the correct specifications and the frames are assembled into prefabricated forms, to ensure that everything you have ordered arrives safely at your site on time and ready for use.

Our tailored packages can include trussed rafters and the acclaimed easi-joist® floor system, developed by Wolf Systems.

Timber frame construction is used in almost all types of construction, except high-rise buildings and, as such, is a key component in residential homes, commercial buildings, schools, hospitals and low-rise apartment blocks.

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Trussed Rafters

Trussed rafters (also known as roof trusses) are the ideal solution for the structural framework of a roof, providing integral support to the roof fabric. Since their introduction to the UK in 1964, roof trusses have proved to be a fast and economical method to construct roofs.

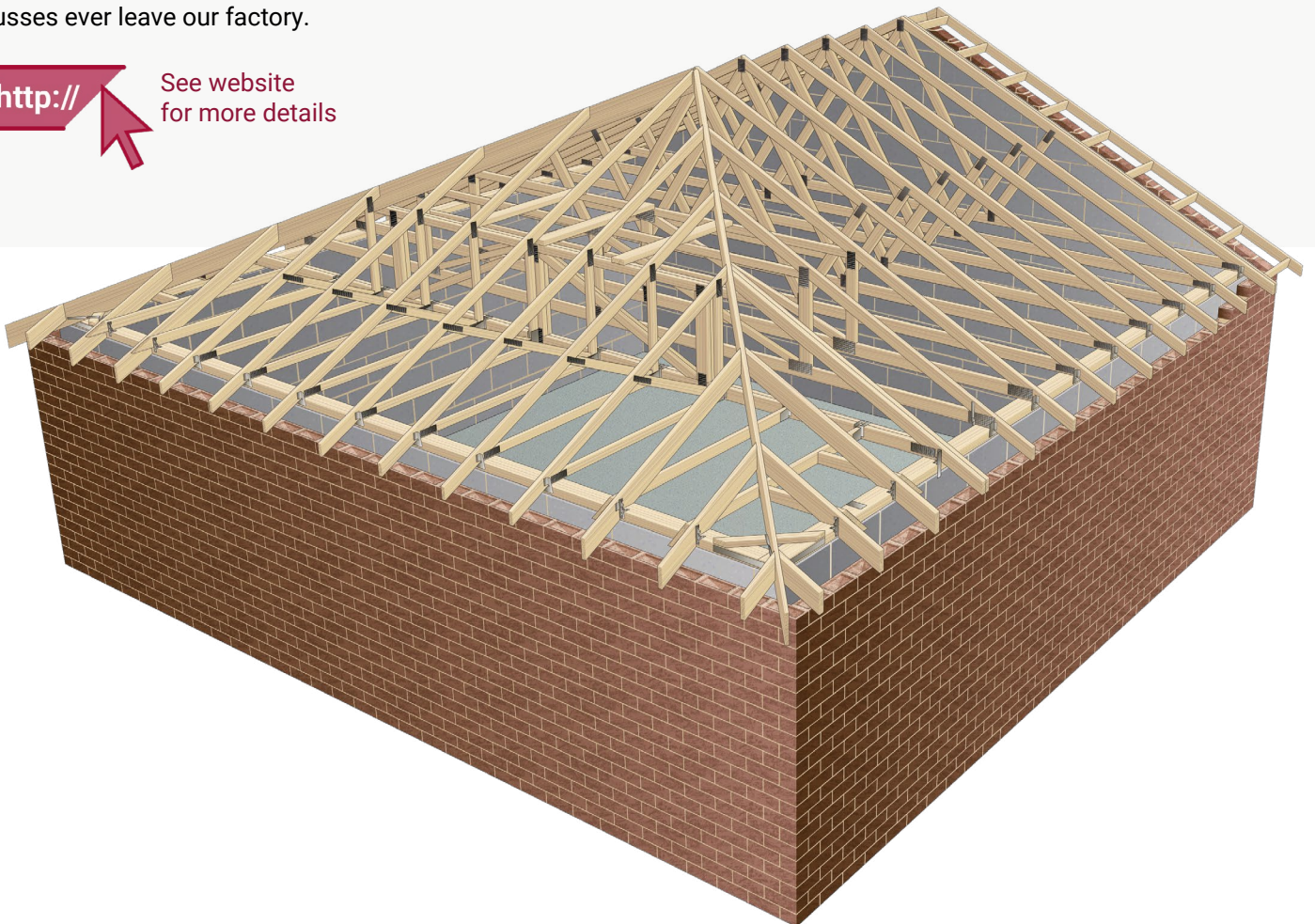
Roof trusses offer a great deal of flexibility and can be used on a vast range of building types, including domestic and commercial structures. These can range from gable-to-gable roofs to very complicated room-in-the-roof applications.

The high-quality timber materials we use all come from well-managed and sustainable PEFC certified and traceable sources. Only the highest quality timber trusses ever leave our factory.

**Trussed
rafters you
can trust**

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Attic Trusses/ Easi-Attic

Merronbrook's Attic Truss

With greater demand for optimizing all available space in homes, attic trusses have never been more popular, whether in private housing or with national house building contractors. They can provide additional living space within the roof itself and a large proportion of all trussed rafters are now room-in-the-roof or attic trusses.

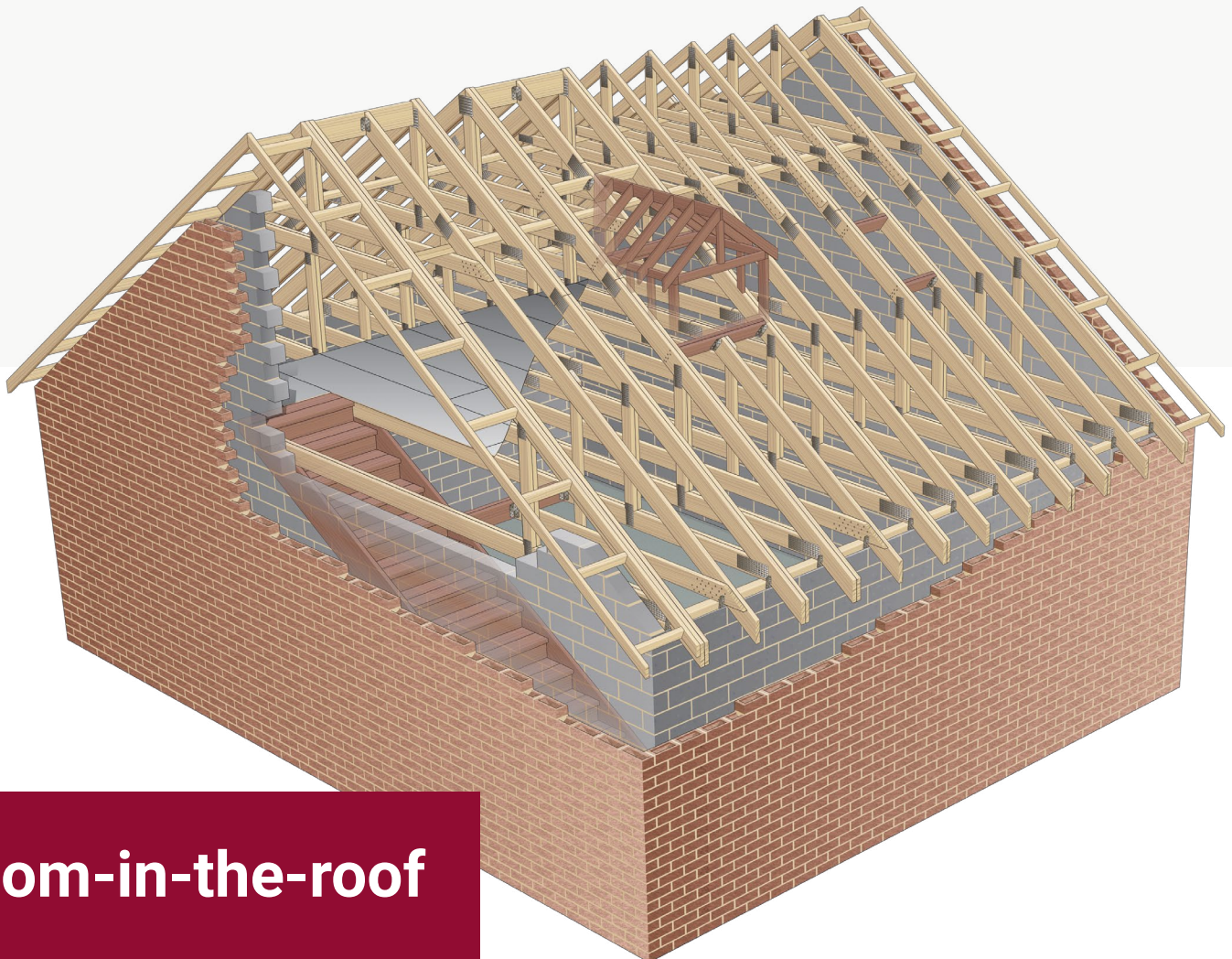
This method of construction has been used in engineered wood manufacturing for over 40 years and is a simple tried and tested means of installing a room-in-the-roof into most properties.

Easi-Attic Alternative

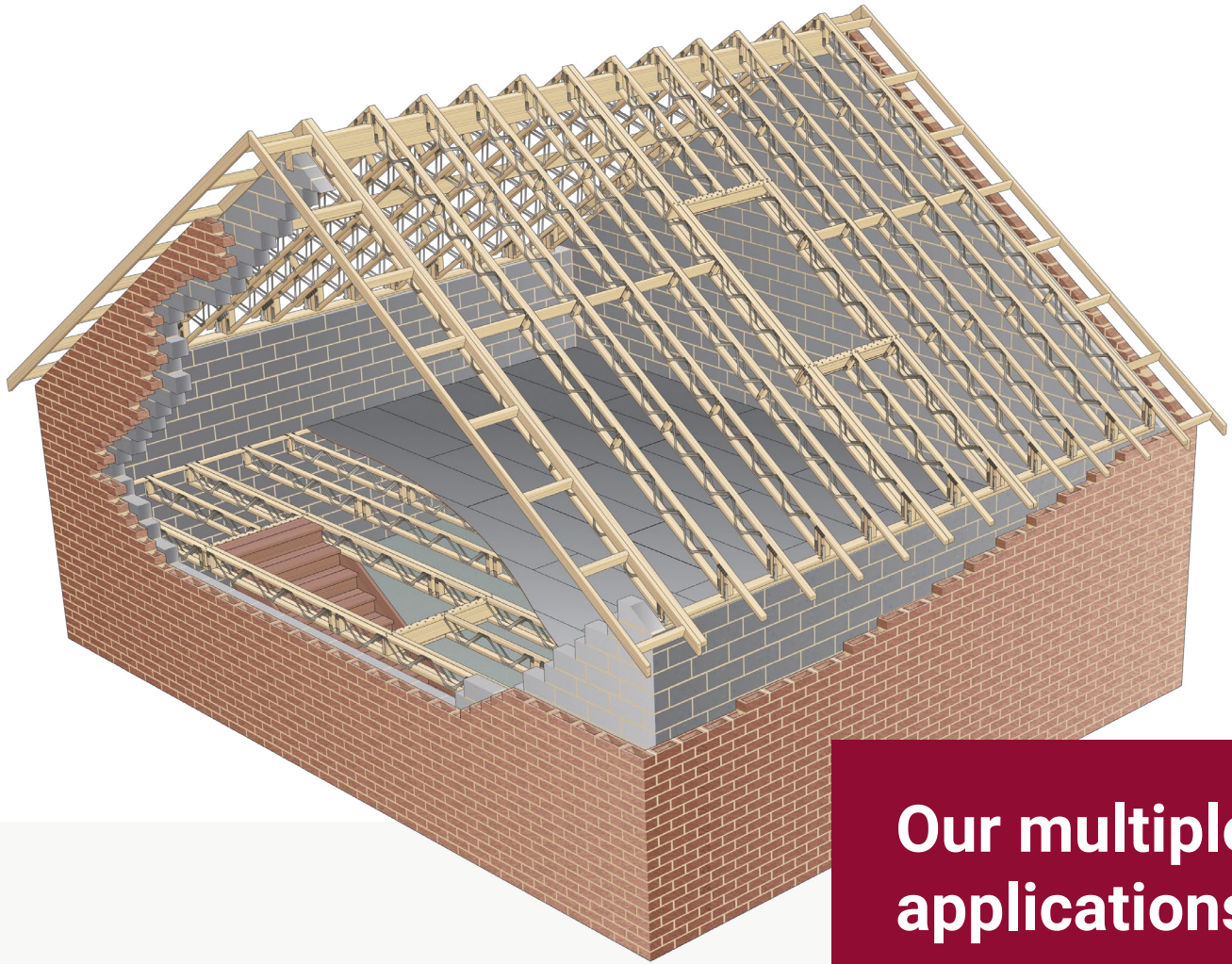
The room-in-the-roof zone can be formed by an array of structures which can include attic trusses, pitched roof easi-joist® and a joist floor system or even something as simple as steel or traditional cut timber. Using Merronbrook's trussed rafters and joist combination, we can construct an attic type truss which incorporates timber rafters, posts and collars while, at the same time, using our easi-joist® to form the bottom chord member.

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Room-in-the-roof



Our multiple applications

Flat & Pitched Easi-Joists

Pitched Roof

Easi-joist® has multiple application uses and can be easily adapted for flat or pitched roofs. It allows for a lighter and more efficient alternative to solid timbers or even trussed rafters. With minimal re-design, the easi-joist® can be installed onto a wallplate and ridge beam without the need for additional shaped timber or special metalwork hangers. Additionally, Velux windows or dormers can also be installed which lets more natural light into the space. The easi-joist® for roof structures requires important decisions with regards to loading and wind uplift, but all this is taken into account by our Design team when they engineer a pitched roof using our joists.

Flat Roof

The easi-joist® is a fantastic option for flat roofs. Its increased span capabilities, coupled with the benefits of our open metal web design, allows services to pass through the roof ceiling zone without any compromise to the joist's structural integrity. The connection is no different to that of a floor zone, so it can be in-built or installed by using rapid fix or masonry hangers, depending on the height above the flat roof itself. Your flat roof may stop at the joist level or carry on to create a parapet wall.

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Easi-Joists

Choosing a floor joist or flat roof system can be overwhelming because the range of options can be confusing, especially as they all have their own advantages and traits.

But, Merronbrook has specialised in timber construction for over thirty years and in that time, we have found that open metal web floor joist systems offer the best value to suit most requirements.

The increasing number of household services that are run throughout a modern building places greater emphasis on the floor zone and its ability to cope with all the extra volume. Traditionally, the floor zone would be cut, notched and drilled to accommodate these services. This not only increases the work on-site, but can also severely compromise the performance of a joist system.

The Smart Choice

Open metal web joist systems have become the smart choice for developers, due to all the benefits they offer. These include longer spans, greater service-carrying capacity and improved design flexibility.

Merronbrook uses the easi-joist® system, developed by Wolf®, because it integrates so neatly with our existing products and offers many innovative design options.

By specifying easi-joist®, we are able to eliminate all drilling or notching and have the flexibility to accommodate a design-on-site approach, which is increasingly popular in the construction of modern home, commercial or industrial buildings.

Our Box System Packs a Punch

Merronbrook offer a convenient and innovative returnable box scheme, for all our timber truss and joist metalwork products. A dedicated computer system ensures that all project connectors have been correctly picked, checked, labelled and securely packaged before despatch to the client. The boxes are reusable and the result is fewer errors and less time lost hunting for missing connector packs. Easi-joist® product labelling and instructions are all site-specific and are attached to every box leaving our facility.

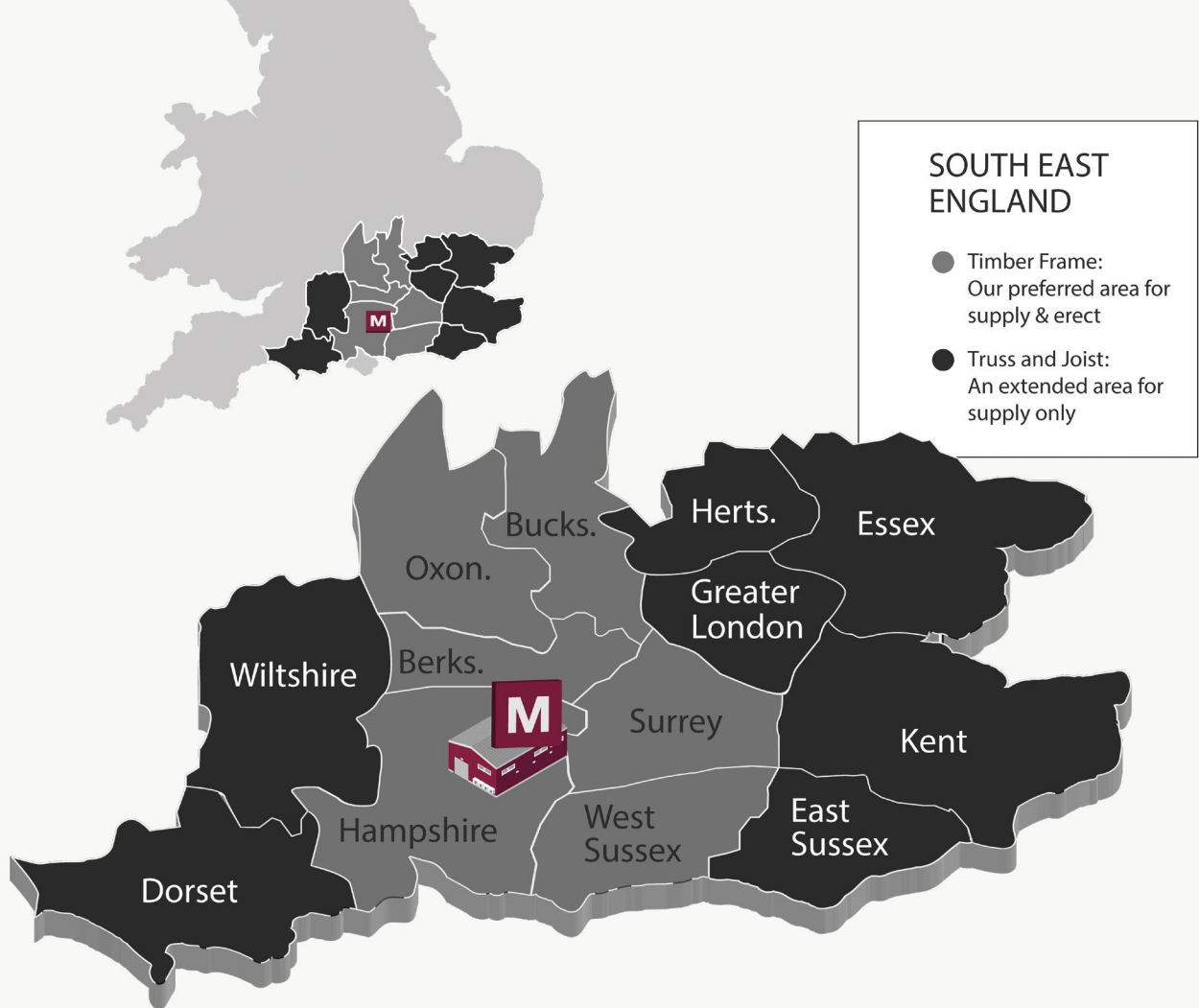
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Delivery

Merronbrook has two sales divisions: Timber Frame and Joists & Rafters. In each case, to make your contact with us both easy and expedient, we welcome telephone contact prior to order placement.

Our experienced Business Development and Marketing Manager will be happy to discuss your project from the outset and may even be able to help you save money with solutions and approaches that you may not yet have considered.

When discussing and estimating your project, we are happy to meet to ensure a good understanding of your project and before any commitment is made.

Project Management

We begin every process with a one-to-one consultation, which can be over video call or face-to-face. From the outset we work with you, your architect or designer and your building plans in order to realise the project.

After a design approval process, your personal Project manager will handle the delivery of your order, coordinating with your groundwork and site teams, to ensure that all the kit arrives in sequence and is ready for installation.

The layout of our manufacturing facility is designed for optimum efficiency, with all our operational sites close to one another. This ensures that all our projects, from yard to site, are seamless with client involvement at every stage of the process.

Contact us

Feel free to contact us direct by calling or emailing our Business Development and Marketing Manager, who can assist you with any technical questions or queries you may have.

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Hazeley Bottom, Hartley Wintney,
Hook, Hampshire, RG27 8LU

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