



Greener. Faster. Better.

donaldsontimbersystems.com

From forest to factory to final product

Our renewable, sustainable, offsite systems will ensure your build is completed quickly, at a low cost and to a high standard.

Whether your key drivers are managing cost; performance standards; skills or material shortfalls, our team of technical, manufacturing and construction will provide you with expert guidance and value engineer your project.

Our credentials

We are the UK's leading offsite timber systems manufacturer, specialising in the supply and construction of sustainable, state-of-the-art open and closed panel timber frames.

Donaldson Timber System are part of the Donaldson Group, a family-owned group of companies established in 1860.

"There was a single point of contact with great communication skills and, overall, it was a great experience."

Ian Woodward, Stepnell

Renewable Sustainable timber

People have been building with timber for thousands of years. It is ecological and sustainable and a truly renewable structural material. Timber is grown quicker than stock is used and the main timber-supplying countries have long-standing policies to re-grow more timber than is felled. Timber is the solution to meeting net zero carbon targets.

Natural Building Material

Timber is one of the few natural building materials. It is non-toxic, does not leak chemical vapour into the building and is safe to handle. Timber is grown and easily replenished once felled, unlike mined materials such as limestone, clay, sand and gravel which cannot be replaced.

A photograph of a row of modern timber frame houses. The houses have a mix of red brick and light-colored timber cladding. They feature dark-framed windows and doors. The houses are set against a clear blue sky. A dark blue semi-transparent box is overlaid on the bottom left of the image, containing white text.

**70% of the developed world's
population live in a timber
frame house**

Sustainable Homes: Timber Frame Housing, 2000

We Find Solutions


We pride ourselves in our ability to listen to our customers' requirements in order to propose solutions to meet those challenges.

By presenting a proposal that clearly answers the problems the client has identified, we deliver the perfect project for them.

Collaborative Working

We are focused on building our business on long-term partnerships with valued customers, large and small. We recognise and encourage the benefits of repeat working, standardisation and tailoring our products and services to the specific needs of a client, who in turn is prepared to commit to volume with us.

We have a valuable proposition to offer you; our business and our systems are leaders in the sector.

A photograph of a man and a woman in a workshop setting. The man, on the left, has grey hair and a beard, wearing a grey sweater. The woman, on the right, has blonde hair and is wearing a black hoodie. They are both looking down at a workbench. A dark blue semi-transparent box is overlaid on the left side of the image, containing a quote and the man's name.

"They did what they said they would. They came and gave us the work when we wanted. They were easy to work with."

Stephen Brennan, Bellway

Flexible Building Design

Timber frame offers greater flexibility for new-build home designers to specify key details, whilst precise room sizes and heights are easily achieved through measured and controlled manufacture in factory conditions.

Fabric First

Timber is a natural thermal insulator and can help reduce energy needs when used in construction. A timber frame allows more space for insulation than a brick building, and wood itself also has natural thermally insulating properties.

A well-insulated home requires less energy to heat and cool which typically means less fossil fuel use – a move towards combating fuel poverty. We support you through the design and pre-construction process.



**We tailor and present
bespoke proposals
for our customers**

Quality Precision Engineered Timber

We offer a portfolio of award winning systems that provide you with choices of specification, building performance and construction methodology.

With this insight we are able to develop proposals that engage you and lay down the foundations for long term partnerships.

Capacity To Deliver

We have the capacity to produce 10,000 units per year from our manufacturing centres across the UK.

Our factories work on shift patterns that allow us to accommodate fluctuations in demand for our products.

In addition, we have a national network of business development, technical and construction experts able to support our client needs regionally.



**"They delivered what they
promised to deliver."**

Martin Monaghan, Strata Homes


Timber Frame Construction

We have a range of engineered systems and offsite construction is at the heart of every project we complete. It is a mainstream and intelligent approach to building, tackling a number of construction challenges such as speed of build, skills shortages and safe working practices.

A Tailored Service

We offer various service levels to suit your business requirements.

Our on site construction presence can be tailored to suit your experience and understanding of timber frame systems. We can provide a full supervision and installation service, a consultative advisory service, or simply a supply-only service.

A photograph of a construction site showing two workers in high-visibility vests and hard hats working on a large timber frame structure. Scaffolding is visible in the background.

"I've worked with them for the last 10 to 12 years and always had a good service from them."

Shaun Berry, Barratt Homes



Donaldson
Timber Systems

Case Studies

Bicester Eco Village

High performing mixed tenure housing



84 PRIVATE
HOUSING UNITS

SITE PROFILE



RESTRICTED SITE
& COMPLEX DESIGN

CHALLENGES



140MM FACTORY
INSULATED PANEL

WALL SYSTEM



ENGINEERED I-JOIST
CASSETTE SYSTEM

FLOOR SYSTEM



0.24 W/M²K

U-VALUE

Kingsworthy

Bespoke private development



50 PRIVATE
HOUSING UNITS

SITE PROFILE



COMPLEX
DESIGN

CHALLENGES



SIGMA II
CLOSED PANEL

WALL SYSTEM



ENGINEERED I-JOIST
CASSETTE SYSTEM

FLOOR SYSTEM



0.15 W/M²K

U-VALUE

The Meadows

Small scale private housing



**9 PRIVATE
HOUSING UNITS**

SITE PROFILE



**COMPLEX
DESIGN**

CHALLENGES



**SIGMA II
CLOSED PANEL**

WALL SYSTEM



**ENGINEERED I-JOIST
CASSETTE SYSTEM**

FLOOR SYSTEM



0.20 W/M²K

U-VALUE

Bellway

Marketing Suite

Tattenhoe Park

Large scale private housing



120 PRIVATE
HOUSING UNITS

SITE PROFILE



COMPLEX
DESIGN

CHALLENGES



ALPHA AND SIGMA II
CLOSED PANEL

WALL SYSTEM



ENGINEERED I-JOIST
CASSETTE SYSTEM

FLOOR SYSTEM



0.23 - 0.19 W/M²K

U-VALUE

Saxon Reach

Large scale affordable housing



225 PRIVATE
HOUSING UNITS

SITE PROFILE



FIRST USE OF MMC
APARTMENTS

CHALLENGES



SIGMA II
CLOSED PANEL

WALL SYSTEM



ENGINEERED I-JOIST
CASSETTE SYSTEM

FLOOR SYSTEM



0.19 W/M²K

U-VALUE

Siddington

Challenging design solutions



88 PRIVATE
HOUSING UNITS

SITE PROFILE



LARGE OPEN
SPAN UNITS

CHALLENGES



SIGMA II
CLOSED PANEL

WALL SYSTEM



FACTORY FITTED
CHIPBOARD CLAD
CASSETTES

FLOOR SYSTEM



0.13 W/M²K

U-VALUE

Eynsham Road

Mixed tenure apartment project



8 FLATS

SITE PROFILE



CONSTRAINED
SITE ACCESS

CHALLENGES



DELTA PRE-INSULATED
PANEL

WALL SYSTEM



JJI JOISTS WITH OSB
DECK

FLOOR SYSTEM



0.19 W/M²K

U-VALUE

Holy Cross School

Newbuild education project



SINGLE STORY
BUILDING

SITE PROFILE



OPEN PLAN DESIGN

CHALLENGES



SIGMA II CLOSED PANEL

WALL SYSTEM



JJI JOISTS WITH OSB
DECK

FLOOR SYSTEM



0.16 W/M²K

U-VALUE

Witney

Multi storey hotel project



57 BEDROOMS

SITE PROFILE



SPEED OF BUILD

CHALLENGES



ALPHA OPEN PANEL

WALL SYSTEM



JJI JOISTS WITH OSB
DECK

FLOOR SYSTEM



0.19 W/M²K

U-VALUE

Our Innovation

Our dedication to obtaining certifications and accreditations on our products and services is testament to our unwavering commitment to ensure our systems comply with the highest industry standards. We pride ourselves on upholding the utmost standards of quality and performance. This is exemplified by our rigorous adherence to third-party validation and scrutiny by independent experts through comprehensive audits and checks. These evaluations cover all aspects of our business, from product design and the manufacturing process to key operational procedures. This approach not only validates the performance of our products but allows our customers to work with us, with added confidence.

Our Unique Dna

We are not just an off-site manufacturer. Our 45 year history as part of an organisation that builds its own homes exclusively in timber frame gives us great first hand insight into the challenges that house builders face. This also allows us the opportunity to test solutions before launch to the wider market.



robustdetails®



"The simplicity of working with them; they were exactly what we were looking for."

Gary McGarvey, Dandara



For further information or to request a quotation please contact:

Donaldson Timber Systems Limited
Falcon House | Curbridge Business Park
Downs Rd | Witney | OX29 0SY

Telephone | 03330 346 030
Website | donaldsontimbersystems.com
Registered Company Number | 10375531

A Donaldson Family Company 