



IN THE FRAME

EOS NEWSLETTER | ISSUE 8 NOVEMBER 2019

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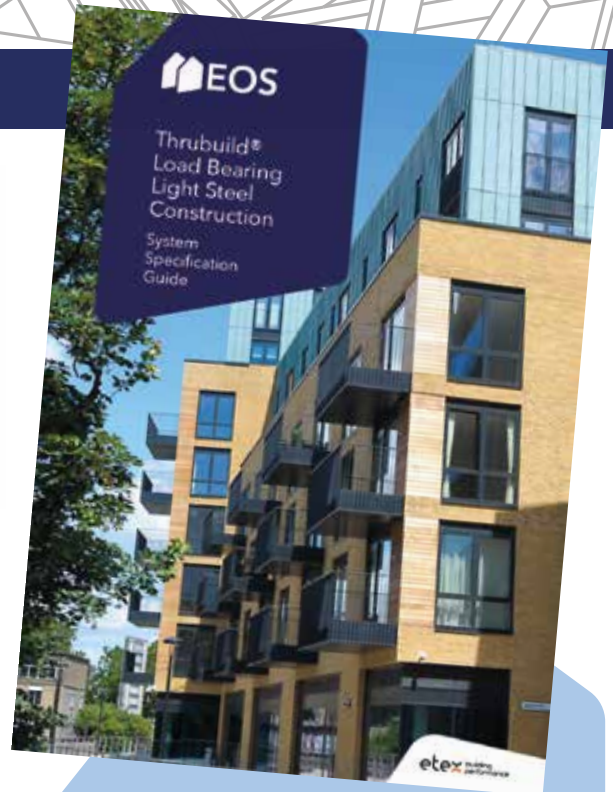


FULLY TESTED AND CERTIFIED SOLUTIONS

With the performance of building materials under an unprecedented spotlight, EOS has launched our new Thrubuild® System Specification Guide. Comprehensively tested, the EOS Thrubuild® systems are performance guaranteed for 30 years, ensuring peace of mind for clients, contractors and designers. To overcome the challenges faced by specifiers, the internal and external wall and flooring systems eliminate uncertainty by providing analysis and performance data.

EOS has been manufacturing light steel framing since 2004 for infill, modular and load bearing applications, now part of Etex Building Performance, we collaborate and invest in research and development to ensure our dry construction methods are market leading.

Steve Thompson
Managing Director of EOS



THRUBUILD®

- Fully Tested Systems
- 30-Year Warranty
- Meets Building Performance Requirements
- Achieves a Rapid Installation Process
- Delivers Cost and Programme Certainty

EOS offers an unparalleled level of support from our dedicated design team. To learn more about our Thrubuild® Systems and book a free seminar:

Call: 01325 303 030
Email: thrubuild@etexgroup.com

To download the Thrubuild® System Specification Guide go to:
www.eosframing.co.uk/information-centre-downloads/brochure-company-literature

GOING FOR GOLD AT OFFSITE EXPO

EOS were proud to headline this year's inaugural Offsite Expo, as Gold Sponsors at the Ricoh Arena, Coventry in September.



As winners of numerous Offsite Awards, we used our steel framing systems and skills to create an impressive feature build combining an exhibition stand with an interlinking masterclass theatre – a focal point of the show.

Representatives from EOS were on hand to explain the benefits of light steel frame and its applications across multiple sectors to thousands of delegates. As an advanced offsite solution, steel's high-performance and fire-resistant benefits offer significant design capability improvements over traditional construction methods. The team returned from the conference and exhibition with a wealth of new prospects and partnership opportunities and are already looking forward to participating at next year's event on 22 and 23 September 2020!





THE EOS MASTERCLASS THEATRE

EOS designed and engineered the Masterclass Seminar Theatre using a combination of steel framing systems and our latest Thrubuild® load bearing technology, where highly regarded speakers took to the stage to inspire audiences on a range of offsite methodologies, technologies, systems and award-winning case studies.

Amongst these speakers, our own business development manager Peter Burchill presented an in-depth case study on The Ram Quarter – a multi-award-winning project delivered through fast-track construction methods using a range of bespoke solutions from the EOS product portfolio.

Steve Thompson, Managing Director for EOS said:
“We’ve been showcasing our new Thrubuild® load bearing systems and have been inundated with interest. We also had the opportunity of being involved with the CPD Accredited Masterclass Seminars – a great way of sharing knowledge and promoting the benefits of precision manufactured steel framing systems. We have been able to engage with architects, engineers and specifiers, as well as have conversations with our competitors. We all thrive from these opportunities, from the doors opening on Tuesday right through to show close on Wednesday, we were busy on our stand. As headline sponsor, we invested in the event and are now reaping the benefits.”



GARDINER PLACE SITE STUDY TOUR



A group of construction professionals were invited to attend our site study tour of Gardiner Place, Henley-on-Thames – a new multi-million-pound mixed-use development in the heart of the town centre.

The informative guided tour of the live construction site was followed by a CPD accredited presentation from our technical teams. Offering in-depth insights into using a system build approach, the tour focused on offsite methodologies and maximising the benefits of light steel frame technology.





SITE STUDY TOUR



Gardiner Place is a £111 million project for Catalyst Capital which is set to achieve new standards in town centre accommodation. Once completed the scheme will provide a new commercial, leisure and living destination for Henley-on-Thames. The two and three-bedroom apartments will be conveniently situated amid a 23,000 square foot retail space, brimming with premium dining and shopping opportunities. Scheduled for completion in February 2020, the Gardiner Place development is under construction by Murphy Group.

Delegates had the opportunity to scrutinise in situ the EOS Thrubuild® loadbearing integrated system, which combines light steel frame, Siniat Weather Defence external sheathing board, and Siniat frameboard – an internal plasterboard exclusively created for the EOS loadbearing systems. These Thrubuild® systems have been tested and assessed for compliance with the latest building regulations and fire standards to ensure robust and reliable design performance.

Designing with light steel structural systems is not complex but requires a different approach. It is based on transferring loads throughout the building and through as many walls as are practical. EOS are integrating offsite technology with design collaboration to achieve the client's requirements for an aspirational living development. Attendees had the unique opportunity to speak one-to-one with the offsite experts involved in the project whilst touring the live site.

2020 SITE STUDY TOURS

If you would like to register your interest for our 2020 Site Study Tour please contact:
eos@insideoffsite.co.uk



TO WATCH THE
EOS SITE STUDY TOUR
VIDEO GO TO:



www.eosframing.co.uk/information-centre/video-vault

NEW RULES TO DESIGN BY



ROUNDTABLE CONCLUSION

Know Your DfMA – although part of the RIBA Plan of Works 2013, the DfMA Overlay is still generally poorly used and understood.

Standardisation Matters – ideally a clear set of standardised rules should be in place so that all project parties can understand and work against them.

Centres of Manufacturing Excellence – understanding the wider role of technology and learning from the manufacturing strategies behind the automotive and aerospace sectors is critical.

Immersive Reality – becoming the common ground to make client – manufacturer – customer integration easier.

Behaviour Change – encourage and guide those unfamiliar with offsite methods on how to become involved via a construction culture shift and develop new job roles.

Early Engagement – speak to your offsite supply chain, system provider/manufacturer early in the design process and agree appropriate 'design freeze' stages for maximum efficiency.

Collaboration – offsite technology manufacturers, developers, contractors and investors need to develop a closer relationship and understand each other's building requirements.

New Technology and Better Skills – using AR/VR/AI on day-to-day projects will make the construction industry more attractive to younger generations.

Sustainability – not enough is said about the green credentials, embodied energy, energy consumption and performance standards that underpin offsite.

Explaining Costs – Traditional costs and risks are more commonly understood risks but they are fewer and more manageable than via an offsite approach.



EOS recently hosted our annual roundtable event – at the heart of the discussion was design for manufacture and assembly (DfMA), the growth of digital design and how these new tools are playing a huge part in the growth of offsite construction activity using the myriad offsite technology options now available.

There is a massive and exciting opportunity to deliver the built environment differently. Realistically, offsite manufacture is only part of a wider construction answer to the myriad of construction problems the UK faces for the foreseeable future. The future success of offsite rests on a series of key themes – demand creation, capacity building, quality attainment and digital technology implementation.



EOS ROUNDTABLE

Our thanks go to all the attendees who contributed so passionately:

Facilitator: Darren Richards – Managing Director, Cogent Consulting
Mark Riley – Regional Product Manager, Etex BP
Cian O'Mahony – Chartered Structural Engineer, Evolusion Innovation
Nik Teagle – Director, DACS
Allan Griffin – Head of Construction & Infrastructure strategy, AMRC
Brendan Geraghty – Director, Geraghty Taylor
Colin Westpfel – Head of Design, Balfour Beatty
Euan Durston – Associate Partner, Weston Williamson
Jamie Hillier – Pre-construction Director, Kier
Kelly Harrison – Associate, Heyne Tillett Steel
Marcus Bennett – Future Skills & Innovation Strategy Lead, CITB
Mark Wilkinson – Product Certification Manager, SCI
Nicola Carniato – Technical Director, AKT II
Richard Crosby – Director, Blacc
Lorraine McMorrow – BIM & Digital Construction Manager, McAvoy Group



EOS LAUNCH NEW VIDEO VAULT

SHAPING THE FUTURE OF ADVANCED MANUFACTURING

Our manufacturing facility is well equipped to cater for the demands of offsite construction and precision engineering. Our steel framing systems are fully compliant with BS EN ISO 9001:2018. Manufactured under strict quality management controls, the process is clean, lean and efficient. To show how offsite technology can really improve construction productivity and efficiency, EOS has created an informative film showing the journey from coil to the construction site.

GARDINER PLACE – SITE STUDY TOUR

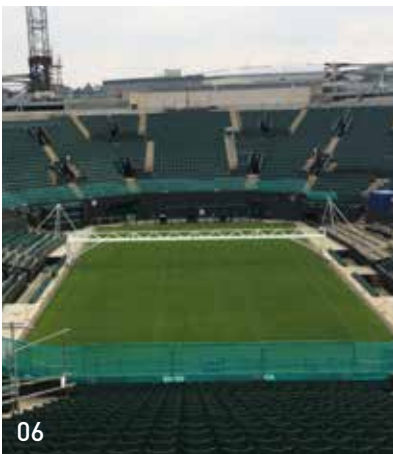
Taking place at one of the UK's most prestigious mixed-use developments, the informative guided tour of the live construction site, was preceded by a CPD accredited presentation, detailing the technology and techniques used to create this genuinely unique space. The collaboration demonstrated by the delivery team on the Gardiner Place project is clear to see. Every detail of the building has been analysed and value engineered to meet the bespoke project performance and main contractor programme requirements.

TESTIMONIALS

The team at EOS are well known for building excellent working relationships based on customer needs. We operate a range of partnering options, through collaborative working and by forming strategic alliances, we provide our specialist services to businesses, large and small, including some of the most prominent companies in construction. We are very proud of the relationships we develop which is demonstrated through our testimonials.

AWARDS GALLERY

Celebrating our success at the Offsite Awards – our project gallery features a broad spectrum of schemes that were judged to demonstrate excellence in steel framing innovation over the last four years.



- 01. **Winner Healthcare Project of the Year 2019** - The Sarah Swift Building, University of Lincoln
- 02. **Best Use of Steel 2019** - The Ram Quarter, London, Highly Commended
- 03. **Leisure Project of the Year 2019** - The Travel Lodge, London, Highly Commended
- 04. **Commercial Project of the Year 2018** - Southwark Town Hall, Highly Commended
- 05. **Infrastructure Project of the Year 2018** - Brodick Ferry Terminal, Highly Commended
- 06. **Best Use of Steel 2017** - Court No.1 Wimbledon, Highly Commended
- 07. **Winner Best Use of Steel 2016** - Sir David Attenborough Building
- 08. **Winner Best Use of Steel 2015** - The Barn, Nottingham University
- 09. **Public Sector Project of the Year 2015** - Northumbria Emergency Hospital, Highly Commended

VIEW OUR ONLINE CASE STUDIES AT: www.eosframing.co.uk/case-studies