Welcome to the first issue of Lucideon’s offsite and modular buildings newsletter. The newsletter enables us to let you know what we’ve been up to and share our recent developments.

2018 has been a busy and exciting year so far. January saw us officially launch our new services portfolio for offsite and modular building companies - a copy of the portfolio can be seen on page 4.

Back in March, I was promoted from product manager – construction, to business manager – construction. It’s been a challenge which I’m very much enjoying!

Myself and colleagues have attended many industry meetings and events in recent months; it’s great to see so many individuals and companies wanting to promote quality and best practice within the sector. Quarter four of 2018 will see us present and exhibit at some of the industry’s largest events – more information about this can be found on page 2.

We’re pleased to inform you that we became an associate member of the Modular and Portable Building Association (MPBA) earlier in the year.

As a member of the MPBA, we’re enjoying having access to online resources, being kept up-to-date with the latest industry and regulatory news and developments, and attending and networking at meetings and events.

We launched our new construction website at the beginning of the year – don’t forget to visit www.lucideon.com/construction to view our latest resources, from white papers and guides, to case studies and videos.

Read on to find out how our people and services can really help you…
GUIDANCE DOCUMENT
CONSTRUCTION PRODUCTS: A ROUTE TO MARKET

There are various routes to market for manufacturers of construction products; this is dictated by the availability of appropriate standards and the category in which the products fall into under the Construction Products Regulations (CPR).

Which category products fall into will determine whether it is mandatory or possible for products to be CE marked.

The guidance document looks at the different routes available, including:

- CE marking through European Standards
- CE marking through European Assessment Documents (EADs)
- Third party approval
- BSI Kitemark scheme
- Industry recognized standards

Download the free guide at www.lucideon.com/construction-papers

EVENTS

UK Construction Week (UKCW)
09 – 11 October 2018, NEC, Birmingham


On 10 October at 15:00 in the Offsite Theatre, our presentation, ‘Routes to Market for Modular and Volumetric Housing’ will look at how testing and specification of offsite modular housing currently falls outside of recognised European standards and examine the different routes available which allow systems to go to market. These will include third party certification, European Technical Approvals, UKAS-certified testing schemes and LABC and BOPAS sign-off.

Further information about UKCW can be found at www.ukconstructionweek.com

Modular Matters
30 October 2018, NEC, Birmingham

The Modular Matters conference will explore the latest advances in volumetric modular technology.

During the afternoon session, we’ll be presenting ‘Methodologies for Testing Modular Construction in the Laboratory and Onsite’. The presentation will discuss appropriate laboratory testing regimes and their relationship to subsequent onsite tests, and whether this can form the basis of an industry standard.

To find out more about the conference, visit www.modularmatters.co.uk

The Offsite Construction Show (OSCS)
20 – 21 November 2018, ExCel, London

The Show will house over 100 exhibitors and stage seminars and masterclass sessions; it provides the perfect opportunity for professionals from across the offsite industry to network and keep up-to-date with the latest developments and innovations.

We’ll be both exhibiting and presenting at the OSCS. At 13:00 on 20 November in the OSCS Theatre, we will present ‘Offsite Manufacturing: Testing vs Desk Studies’. The presentation will examine laboratory and site-based testing options and what can be achieved from desk studies for modular buildings, as well as the requirements for final sign-off. The pros and cons of each process will also be reviewed. Come and see us on stand C5!

For more information about the OSCS visit www.offsiteconstructionshow.co.uk

NEW
CONSTRUCTION BROCHURE...

The new construction brochure provides an overview of our key services, facilities, technologies and state-of-the-art equipment for the construction and engineering industries.

The brochure gives a snapshot of what we can do, from raw materials and construction products, to buildings and infrastructure, whether new-build or redevelopment projects.

View the brochure at www.lucideon.com/construction
CASE STUDY
LUCIDEON HELPS
HEMSEC GAIN
COMPOSITE PANEL
ETA ACCREDITATION
AND CE CERTIFICATION

Hemsec Manufacturing Ltd (HPT) is one of the UK’s largest manufacturers of structural insulated composite panels for use as internal walls and ceilings or external walls, for the refrigeration and construction industries. Hemsec SIPs produces Structured Insulated Panels (SIPs) and is a well-known brand of HPT.

The Challenge
Hemsec was looking to engage an independent laboratory to support its European Technical Assessment (ETA) accreditation in order to CE mark their SIPs.

Under the ETA, there is not a BS EN test standard for Hemsec’s products, therefore some of the structural tests needed to follow the protocol in the parallel standard BS EN 14509:2013.

What We Delivered
After the pre-testing consultancy stage, Lucideon carried out a range of tests, including racking, axial and eccentric compressive loading, four-point bending and screw pull-out.

To save time during the testing phase, Lucideon suggested testing at higher levels than previously done; this proved invaluable as the tests achieved far higher results than expected.

Value to the Client
Hemsec SIPs were provided with test reports which enabled them to attain ETA accreditation and CE certification following factory production control auditing.
Earlier in the year, at Ecobuild, we sponsored ‘Pioneer of the Year’ at the 2018 Offsite Construction Awards. We were delighted to present John Fleming from Vision Modular Systems with the award. The evening provided a great opportunity to celebrate the excellence in offsite construction.

We’ll also be sponsoring the same award at the 2019 ceremony at Futurebuild (formerly Ecobuild).

Mauer UK Ltd has developed and designed a unique External Wall Insulation (EWI) system to address the challenges and obstacles faced in the current solid wall insulation market.

Our engineers designed a customized testing program which enabled Mauer’s product to achieve third party certification and enter the market quickly.

Watch a time lapse video of the Maurer EWI system installation at www.lucideon.com/mauer