

December 2019 – Volume 20 Issue 2

# RIDBA JOURNAL

The Premier Rural and Industrial Building Magazine



**P6 | P3**  
PROFILED SHEETING

[www.eternit.co.uk](http://www.eternit.co.uk)

**Eternit** 

# Service. Quality. Strength

The complete one-stop-shop for metal roofing and cladding



Composite Panels • Twin Skin Systems  
Single Skin Systems • Secondary Steelwork • Accessories



For an immediate quote call: **016974 78277**

Email: [info@steadmans.co.uk](mailto:info@steadmans.co.uk)

[www.steadmans.co.uk](http://www.steadmans.co.uk)

© Building Solutions (National) Ltd

**Steadmans**



Image Courtesy of A.C. Bacon Engineering

## A Word from the Editor

It is shaping up to be another successful year for RIDBA and its members, starting back in March with the RIDBA Building Awards, which saw the highest number of entries and attendance numbers to date. It was a magnificent celebration of our industry and we look forward to the next round of entries for 2021.

RIDBA has also continued with the Primary Authority Agreement with Dorset Trading Standards to help level the playing field within our industry and provide an avenue for members to report cases of non-compliance with CE marking. The CE marking campaign continues, and new promotional material has been developed which members can download from the website. See page 5 for more on the campaign.

The RIDBA Board decided to launch a new membership category, provisional membership, which targets start-up companies looking to gain CE accreditation. RIDBA can offer these companies support across a number of areas and has already signed its first member.

Without doubt, one of the most significant achievements of the year is the publication of the Farm Buildings Handbook. Previously updated in 2013, the new third edition was a long time coming but has already been very well received within the industry.

RIDBA's New Year has, of course, already begun and all members would have received an invitation to renew their membership, along with an invoice and link to the short annual survey to confirm their details are correct. This is an

important part of your renewal, so to make the most of the benefits that RIDBA has to offer, please make sure you settle the invoice and complete the survey.

In October, RIDBA held a Members' Meeting, funded by CITB, to bring members up to date on CE Marking and the latest health and safety issues. You can find the full write up on page 4. Additionally, RIDBA Technical Consultant, Martin Heywood's presentation has been converted into his Technical Update for this edition, which can be found on pages 22-23.

Looking ahead to 2020, the RIDBA Board has set another ambitious strategy, with a particular focus on member engagement and ensuring members are getting the most from their membership. We are already looking ahead to our next flagship event, the RIDBA Industry Day, scheduled for April 2020.

We welcome views from members of RIDBA, so whether you have completed a fantastic project or have a new product, please make sure you let us know by calling **0844 249 0043** or emailing **marketing@ridba.org.uk**.

*Debbie Iley,  
Trade Association Director*



**SAVE THE DATE!** RIDBA Industry Day will be taking place on **Wednesday 1 April 2020** at the magnificent Morgan Motors in Malvern. Booking information will be sent in due course.



RIDBA News	4	Technical Update	22
Industry News	10	Build UK News	25
Member News	17	Member Directory	27

## Published By:

**Rural and Industrial Design and Building Association (RIDBA)**  
6-8 Bonhill Street, London, EC2A 4BX  
Tel: 0844 249 0043  
Email: [admin@ridba.org.uk](mailto:admin@ridba.org.uk)  
[www.ridba.org.uk](http://www.ridba.org.uk)

**Contact:**  
**Debbie Iley, Secretariat**  
Email: [Debbie.Iley@ridba.org.uk](mailto:Debbie.Iley@ridba.org.uk)

**Martin Heywood, Technical Consultant**  
Email: [technical@ridba.org.uk](mailto:technical@ridba.org.uk)

**Jamie Robertson, Livestock Consultant**  
Email: [jamie@ridba.org.uk](mailto:jamie@ridba.org.uk)

**Advertising**  
If you would like to advertise in the RIDBA Journal:  
Email: [marketing@ridba.org.uk](mailto:marketing@ridba.org.uk)  
Website: [www.ridba.org.uk](http://www.ridba.org.uk)

**Subscriptions:**  
**Free for members of RIDBA**  
**Non-members UK:**  
**£20 per year, 4 issues**  
**Non-members Overseas:**  
**£25 per year, 4 issues.**

The RIDBA Journal has been carefully prepared however, articles are published without responsibility on the part of the publishers or authors for loss occasioned to any person acting or refraining from action as a result of any view, information or advice included therein.

The articles published do not necessarily reflect the views or opinions of the Rural and Industrial Design and Building Association or its officers. Any views expressed are the author's own.

The publishers do not accept any responsibility for claims made by advertisers.

Follow RIDBA on Twitter:  
@RIDBA\_Office

RIDBA is a member of Build UK.  
ISSN: 1473 - 835X



## RIDBA News

# Success at RIDBA Members' Meeting

In October, over 50 members came together for the RIDBA Members' Meeting at Moor Hall Hotel & Spa in Sutton Coldfield. The event, sponsored by RIDBA members, Kingspan, STRUMIS and Joseph Ash Galvanizing, proved to be a valuable and worthwhile day.

### What was covered

After an introduction from RIDBA Chairman, Mike Hammond, the morning session focused on CE marking with presentations from BM Trada; RIDBA's Technical Consultant; Dorset Trading Standards; and STRUMIS.

Niresh Somlie, Principal Technical Officer at BM Trada focused on the implications Brexit would have on CE marking compliance and what could be expected from a Deal or No-Deal outcome, including an introduction to the UKCA Mark and how it will work.

Dr Martin Heywood, RIDBA's Technical Consultant, looked at Structural Design of Agricultural Buildings covering CE marking and EN 1090-1 plus the latest of reuse of steel structures and the latest edition of the National Structural Steelwork Specification (NSSS).

Martin Thursby, Dorset Trading Standards, gave an in-depth explanation of how Trading Standards' enforcement for CE marking works and the Primary Authority Agreement with RIDBA including the enforcements that have been undertaken.

Before lunch, a final presentation from Steve Watson at STRUMIS was delivered, on how using software can help with managing the design process and CE marking compliance.

The afternoon session moved on to health and safety, including Sarah Palfreyman from HSE who is leading on the recent changes



to the enforcement expectations for mild steel welding. Presentations also covered the different options for use in extracting welding fume, how to minimise the risk of silica dust and working at height.

For a copy of any of the presentations, email [admin@ridba.org.uk](mailto:admin@ridba.org.uk) or visit [www.ridba.org.uk/members-meeting](http://www.ridba.org.uk/members-meeting).



## Dates for your Diary

**24 December - 2 January** RIDBA office closes for Christmas

**7-8 January** LAMMA '20, NEC Birmingham – The UK's largest farm machinery, equipment and agricultural services show

**3-5 March** Futurebuild, ExCel London – The UK's largest event for specifiers across the built environment

**16-21 March** Open Doors 2020 – A unique chance for people to see behind the scenes at major 'live' construction sites across the UK

**1 April** RIDBA AGM & Industry Day, Morgan Motors, Malvern



## RIDBA CE Marking Campaign Continues

RIDBA is pleased to continue its partnership with Dorset County Council Trading Standards (DCCTSS) in the form of a Primary Authority Agreement as the basis of its CE marking campaign. DCCTSS is fully aware of the CPR and the importance of CE Marking, which has often not been the case with many Local Trading Standards offices. Acting as the main point of contact for RIDBA on all cases, DCCTSS follows up directly with other Local Trading Standards offices, allowing a more efficient way for RIDBA members to report non-compliance.

RIDBA members remain critical to ensuring the success of this partnership by making RIDBA aware of any cases of non-compliance, which can be reported anonymously. This is a fantastic opportunity for RIDBA and its members to lead the way in ensuring that non-member businesses not complying with CE Marking are reported.

As part of the campaign, members can download flyers (see below) to give to clients in their quotations.

**RIDBA**  
Rural & Industrial Design & Building Association

**REACH HIGH STANDARDS WITH RIDBA**

The rural and industrial buildings industry strives for the highest standards in its projects. **CE marking** is a pillar of compliance to ensuring products are legal and safe.

Accordingly, RIDBA has outlined four key reasons why CE marking is valued by its members, and why clients and suppliers can have confidence in choosing a RIDBA member.

## Call for Board Members – Do You Have What it Takes?

RIDBA is looking for members to put themselves forward to the RIDBA Board of Directors. The Board is responsible for representing members' interests and moving the association forward. There are three meetings to attend each year.

If you would like to be considered for the Board please email [Debbie.lley@ridba.org.uk](mailto:Debbie.lley@ridba.org.uk).

## RIDBA Welcomes New Members

Since the start of our membership year we have welcomed the following members into RIDBA:

- **Haston Reynolds** – chartered surveyors specialising in all aspects of rural planning and design based in the Midlands
- **Newcastle University** – college member offering courses in agriculture and animal science
- **Ayrshire Metals** – a leading supplier in the UK of cold rolled products
- **I Bailey Steel Buildings** – a family run business supplying and erecting agricultural and industrial buildings for 30 years
- **James Dick Agriculture** – agricultural business consultant and valuer based in Aberdeen
- **Ellerington Engineering** – steel fabrication and erection specialists based in Bishop Burton.

RIDBA membership is a mark of quality, which identifies companies as part of a group of professional and reputable market leaders displaying a badge of quality for a trusted industry brand.

There are five categories of membership: Frame Manufacturers, Contractors, Suppliers, Affiliates and Colleges. If you would like to join the association, please email [admin@ridba.org.uk](mailto:admin@ridba.org.uk).

Protected by



# Complete Building Envelope Solutions featuring Kingspan RW Pitched Roof System



Kingspan Insulated Panels RW Roof system is a factory-engineered system for very fast installation and completion of a variety of agricultural and industrial buildings.

The system comprises a complete range of structural steel products, high performance insulated panels, insulated gutters, superior polycarbonate daylighting, height-safety systems and a bespoke range of corners and flashings. Kingspan Insulated Panel buildings combine high performance structure and insulation with rapid build and protected lifetime performance.

**Kingspan Insulated Panels**  
Greenfield Business Park No.2, Holywell, Flintshire CH8 7GJ  
Tel: +44 (0) 1352 716100 [www.kingspanpanels.co.uk](http://www.kingspanpanels.co.uk)





## Blowing Hot and Cold: The Value of Competent Design and Construction

The design of a livestock building is directed towards the creation of a healthy, productive environment. There are many steps between design and construction, not least the one that looks at 'value' from a project and rejects a higher price product for a lower price one that has lower 'value' that nobody talks about. There is a need to understand those components of building design that bring value to a project and will help to persuade the industry that 'cost' is not always a good indicator of value.

Environment has direct and indirect impacts on animal physiology, whereby conditions outside a range of normal requirements may exert a physiological pressure that constitutes stress. Stress is a body's method of reacting to a condition such as a threat, challenge or physical and psychological barrier. Stress is a normal event and the body reactions are also normal, for a while. The problem in our livestock systems occurs when the duration of stress is sufficient to create a significant, negative impact, such as energy deficit or depression of immune function. This will lead directly to financial losses for a livestock business, and good design and construction will massively mitigate potential losses.

We head through the winter, with some appreciation of the cold and dry aspect of our climate, and take a harder hit from the cold, damp and windy conditions. The winter season is where the competence of building materials and the quality of construction can be readily seen by those who look. Insulated buildings for pigs and poultry (and some stored crops) have a value which is aimed at maintaining internal ambient temperatures and humidities within set targets, whilst the outdoor climate goes typically winter crazy. For broiler chickens, the maximum growth rates and minimum stress and best financial returns are created by a stable internal environment at 31-32°C on day 1 of a 40 day process, and moisture levels around 50-60RH%. By day 14 the target temperature may be 19°C. A building with good value will be able to deliver these targets in mid-July with external ambient temperatures of 24°C and incoming solar gain on 1500m<sup>2</sup> of roof, and also in mid-winter with temperatures around zero and wind speeds of 10m/s.

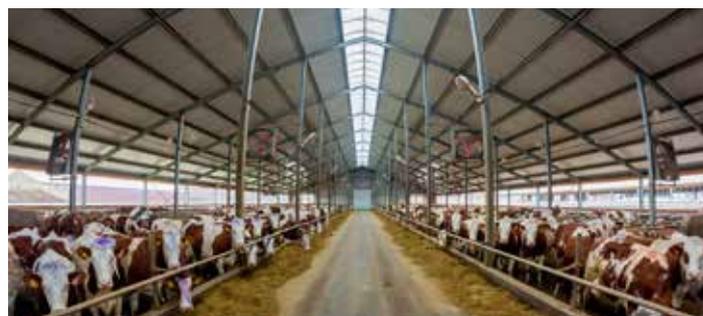
A walk through an intensive livestock building with a thermal imaging camera is a direct view of the competence of materials and construction of a building. Figures 1 and 2 (over the page) show heat losses through livestock buildings. Poor quality construction leads to unbalanced flows of energy through the structure, always flowing from inside to outside in the winter months. With the energy flows goes moisture, which creates focussed area of damp that leads to higher energy losses and the potential to create local degradation

of materials. Energy loss through a building structure reduces the amount of energy available as heat in the internal air, which in turn reduces the ventilation rate through a building. That in turn leads to a reduction in internal air quality which increases the risk from and severity of respiratory disease. The final result is financial losses.

The impact of air speed on livestock buildings both externally and internally is predictable and again, potentially misunderstood or ignored. There will be a significant (from an animals' point of view) difference of internal temperatures at floor level between the windward end of a building and the opposite end, dependant on the quality of building construction. Livestock are sensitive to subtle differences in temperature, and if external air speeds cool one end of a building the animals will adapt their behaviour, cluster down one end, huddle, create a focus of defecation and urination, and upset the dynamics of the system within a building.

All stock are sensitive to air speed, and draughts during the winter months create significant losses. Pigs are particularly sensitive to draughts at lower ambient temperatures, and will change their lying patterns and by default the areas of a pen used for defecation. Huddling can quickly lead to antagonistic behaviours and an increase in losses from damaged animals. Quality construction should eliminate draughts, and the cost of well fitted doors and seals, the cost of air inlets with decent baffles, and the cost of well-fitted wall panels all contribute to the value of a building.

Animals prefer steady states. Steady environments and only incremental changes are the target for minimum stress for healthy livestock. Whilst variation across the internal space of a pen or a building will cause the behavioural changes mentioned above, short-term changes (within 24 hours) across a whole building are a signal of a system out of balance. Insulated structures will typically have





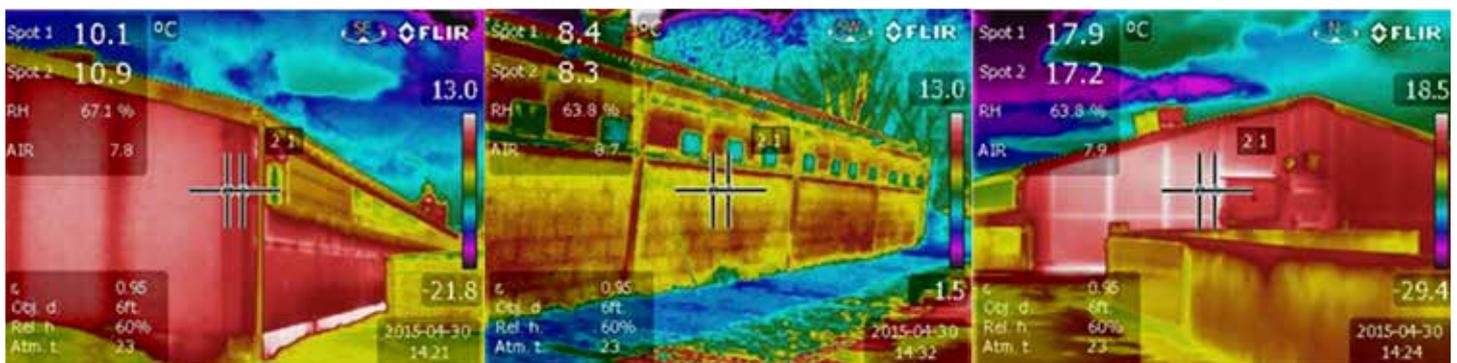
mechanical ventilation and controllers, and too frequently these are poorly specified, or poorly purchased, or poorly installed, or poorly understood. And what is the driver of these situations? Cost or value? If we understand the value of appropriately sensitive control, or adequate power at the fans or heaters, we can at least appeal to the value side of the equation. Uncontrolled variation in livestock environments can be a costly business.

A final comment for buildings exposed to our winter climate. Apart from situations where environmental impact assessments (EIAs) are required, there sometimes appears to be little connect between location and design. For example, there has been a trend over the past 15 years to build dairy cow housing that is more than 5 meters height at the eaves and with no sidewalls. Lovely in the summer but if there is no other protection of the sidewalls it is a poor quality environment in the winter that will at least impact on winter milk yields. Orientation and location have a significant impact on our buildings and therefore should have an impact on the building design, the specification of cladding, the heating and ventilation requirements, and the quality of materials. We need to communicate the value of good design.

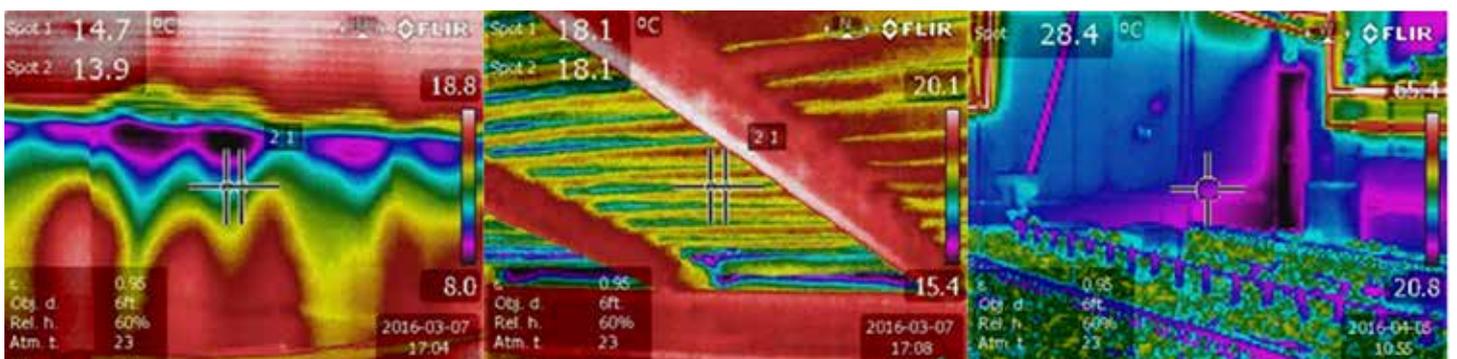
**Jamie Robertson**



Jamie Robertson is currently Director of Livestock Management Systems Ltd and works on research and development projects examining the link between environment and animal health. He is the UK representative on the International Commission for Agricultural Engineering. He provides free support to RIDBA members on all areas of design detail for naturally ventilated livestock buildings. [jamie@ridba.org.uk](mailto:jamie@ridba.org.uk)



**Fig. 1 Buildings showing radiant heat through building structures**



**Fig. 2 Heat losses a) poor wall/ceiling joint b) poor roof insulation c) poorly fitted door**

# Innovations In Steel

Designed To Perform



## UltraZED™ Purlin System

Our UltraZED™ purlin and side rail system – the world's most advanced profile system – is engineered to ensure ease of use, outstanding load bearing capacity, significant weight savings (typically between 6%-13%) and impressive levels of sustainability.



## Steel Framing Solutions

Our steel framing solutions combine the benefits of cold roll form manufacturing with our outstanding technical, structural and design abilities. This enables us to deliver industry standard and bespoke steel framing for projects of all sizes, across every sector.

Hadley Group is a world leader in advanced cold rolled steel technology. Our technical, structural and design abilities, coupled with our unsurpassed expertise in cold rollforming technology have resulted in an extensive range of innovative products. This cold rollforming technology has enabled customers from different industries around the world to improve product efficiency, save weight and reduce the use of raw materials.

t +44 (0) 121 555 1300

e [ask.hadley@hadleygroup.com](mailto:ask.hadley@hadleygroup.com)

[www.hadleygroup.com](http://www.hadleygroup.com)



SHAPING THE FUTURE IN METAL



## Protection and longevity for agricultural steel

**Shot Blasting | Galvanizing | Powder Coating  
Duplex Coatings**

With eight strategically located plants, a large transport fleet, and superior metal finishing services, Joseph Ash Galvanizing is proud to provide the agricultural industry with technical expertise, premium quality and a first-class service when galvanizing, shot blasting and powder coating steel fabrications.



Proud to support RIDBA



### Contact us today:

Joseph Ash Ltd  
The Alcora Building 2  
Mucklow Hill  
Halesowen, B62 8DG

+44 (0)121 504 2573  
[sales@josephash.co.uk](mailto:sales@josephash.co.uk)  
[www.josephash.co.uk](http://www.josephash.co.uk)



## Industry News

# A New Protocol for Reusing Structural Steel

The environmental advantages as well as cost savings of re-using reclaimed structural steel are considerable, compared to the common practice of recycling. In light of this, the Steel Construction Institute (SCI) has developed a protocol proposing a system of investigation and testing to support the mainstream reuse of structural steel.

Steel has excellent credentials for the circular economy, both as a material that is strong, durable, versatile and recyclable and as a structural framing system that is lightweight, flexible, adaptable and reusable.

And, with growing pressure to think more about the impact of construction materials, as well as national and international projects that have successfully reused structural steel, the Steel Construction Institute is in the process of developing a protocol to help facilitate the reuse of structural steel sections reclaimed from existing building structures.

The publication proposes a system of investigation and testing to establish material characteristics, with advice for designers completing member verifications of reclaimed steelwork. It places important responsibilities on the holder of reclaimed steelwork including identification, assessment, control procedures and declarations of conformity.

The protocol is founded on the principle that given appropriate determination of material characteristics and tolerances, (re) fabricated reclaimed steelwork can be fabricated and CE marked in accordance with BS EN 1090.

## Drivers for reuse of structural steelwork

Structural steel sections are inert, robust and dimensionally stable elements that are generally bolted together to form structural assemblies which are inherently demountable.

As such, they are seen as an obvious candidate for reclamation and reuse, as opposed to re-melting. Reusing structural steel yields significant environmental savings compared to recycling at a time when there is growing pressure on the construction industry to be more resource-efficient, reduce waste and to lower embodied carbon impacts.

More recently, there has been a push towards the concept of the circular economy, particularly at the EU level, with a roadmap developed to support a shift towards a resource-efficient, low carbon European economy.

Increased structural steel reuse will support both of these aims and stimulate new business opportunities in the UK, particularly by

substituting steel imports. Although new steel and scrap steel prices are volatile, analysis reveals that the long-term price differential between the cost of UK structural steel and scrap sections is over £300 per tonne. This represents the potential profit opportunity through structural steel reuse. Although additional costs (relative to recycling) may be incurred through deconstruction, testing, storage, refabrication etc., structural steel reuse can yield cost savings.

## Barriers to reuse

The reuse of steel is not a new concept; indeed, it was more common a few decades ago before suffering from a decline, partly because of new development programme constraints and tougher health and safety requirements for demolition, particularly working at height.

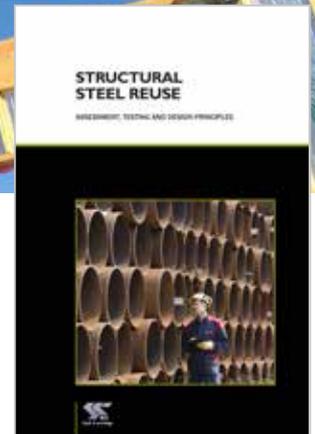
While reusing steel is technically viable, there are many barriers – real and perceived – to adoption. Based on SCI's consultations with the supply chain, the main barriers to reuse are:

1. Availability of reclaimed sections, particularly of the desired size, volume and in the right location.
2. Issues relating to the quality, traceability and certification of reclaimed sections.
3. Additional cost associated with using reclaimed sections.
4. A lack of supply chain integration; particularly communication and sharing information through the supply chain and trust (and risk-sharing) between companies.
5. Additional time required within construction programmes to allow for using reclaimed steel; in general, additional time incurs additional cost.
6. Reclaiming and reusing structural steel is a relatively uncommon practice and many organisations simply do not have the skills or experience to do it.
7. The perception that reclaimed steel is somehow inferior to new steel sections.

BIM can overcome several of these barriers by providing certainty about material properties, traceability and provenance, offering a more cost-effective means of enabling future reuse.

The publication is free to download at the SCI Bookshop <https://portal.steel-sci.com/shop.html>.

Sources for article: [pbctoday.co.uk](http://pbctoday.co.uk) and [news-sci.com](http://news-sci.com).



# FIBRE CEMENT SHEETS AND BUILDING COMPONENTS



## OUR PRODUCTS

- Eurosix Fibre Cement Profiled Sheets
- Eurofive Fibre Cement Profiled Sheets
- Metal Profiled Sheets
- PVC Rainwater systems
- GRP Rooflights
- Timber Purlins
- Steel Purlins and Sections
- Fixings
- Obsolete Profiled Sheets

**In Stock - Nationwide Delivery - Fast**



[www.briarwoodproducts.co.uk](http://www.briarwoodproducts.co.uk)



[sales@briarwoodproducts.co.uk](mailto:sales@briarwoodproducts.co.uk)



01934 641 446



## Industry News

# Government Urged to Buy British By Steel Producers

The UK steel industry is calling on the government to change public procurement guidelines to maximise supply opportunities for British producers.

In the manifesto, 'A New Deal for Steel', trade body UK Steel has urged the government to use its power as the largest investor in UK construction and infrastructure projects, and the biggest single purchaser of steel.

The government's procurement decisions are a hugely powerful policy tool, it said.

The industry employs tens of thousands of people in the UK and the government should look to a future where a modern, high-value and low-carbon steel industry prospers and contributes to the UK economy, the manifesto stated.

As part of its actions to secure the industry's future, the government needs to maximise the levels of UK steel purchased for publicly funded infrastructure projects.

In 2017/2018, the UK government procured 43% of its steel from the UK, 42% from outside the UK and 15% came from an unknown origin. UK Steel said while this is a positive benchmark, it demonstrated room for improvement.



Grace Skelton, UK Steel Senior Policy Adviser said: "Government infrastructure projects will require an estimated 3.76 million tonnes of steel in the coming years – the use of UK produced steel for these projects would boost our economy by £2.7bn and provide over 6,600 jobs."

She added: "Whatever the outcome of Brexit, it is essential that government uses the new political and regulatory freedom afforded to it to back British industry, particularly when it comes to these big-ticket government contracts."

Article sourced from [newsteelconstruction.com](http://newsteelconstruction.com).

## Benefits of Light Steel Framing

Andrew Way, an associate director at the Steel Construction Institute, discusses how light steel framing can deliver fast, adaptable and cost-effective buildings.

One of the main advantages of light steel framing is its versatility and the range of building types for which it can be used.

Applications of light steel framing range from low-rise housing to multi-storey, multi-occupancy developments, including panelised structural frames, external infill walling systems and fully finished offsite modular construction. The wide range of applications is in addition to the benefits one would expect with a modern construction method: rapid speed of construction, high quality and performance, excellent safety and cost-effectiveness. A major sector for light steel framing is four to eight-storey residential buildings and mixed-use buildings often comprising commercial space and car parking at the lower levels. In these cases, the lightweight characteristic of the construction system is crucial to minimising the loads on the supporting structure.

### Mixed-use developments

Mixed-use developments generally comprise commercial or retail space at the lower levels and residential units above. A good example is where three- or four-storey housing is constructed over retail space, such as supermarkets in urban areas. The mixed nature of the project may be required for planning reasons or to maximise the return from the land use.

The key requirement is a lightweight super-structure with the ability to span between the transfer beams and to be sufficiently robust to tolerate differential deflections of the supports. Light steel framing has proved to be the perfect solution as it weighs less than 100kg/m<sup>2</sup> per floor while achieving spans of up to 6m between beams.

The full article can be accessed at [pbctoday.co.uk/news](http://pbctoday.co.uk/news).

# WHY TAKE THE RISK?

## **CHOOSE QUALITY**

RIDBA membership is a recognised mark of quality and identifies companies as part of an elite group of professional and reputable market leaders.

## **CHOOSE COMPLIANCE**

All RIDBA members who manufacture steel frames have met the legal requirements to CE mark their relevant products. They are committed to health and safety and up to date with industry standards, including working at height.

## **CHOOSE PEACE OF MIND**

RIDBA members hold adequate employers and public liability insurance, and agree to provide their clients with professional and clear advice.

RIDBA members are at the forefront of technical expertise and have access to free advice from the RIDBA Technical Consultant who is a qualified structural engineer.

## **CHOOSE RIDBA** Rural & Industrial Design & Building Association

**Find a RIDBA member at [ridba.org.uk](http://ridba.org.uk) for your next project**



# STEEL FABRICATORS SAVE TIME AND MONEY ON ALL OF YOUR PROJECTS

WORLD LEADING STEEL FABRICATION  
MANAGEMENT INFORMATION SOFTWARE,  
USED WORLDWIDE TO **REDUCE COSTS**  
WHILE **MAXIMISING PRODUCTIVITY**  
AND **INCREASING PROFITABILITY.**

IMPLEMENTING STRUMIS WILL:

- SAVE YOU TIME
- SAVE YOU MONEY
- REDUCE ERRORS
- PROVIDE TRACEABILITY
- IMPROVE PRODUCTIVITY
- ENHANCE EFFICIENCY
- INCREASE PROFITABILITY

COME SEE THE STRUMIS FEATURES THAT OTHER  
PROVIDERS ARE ONLY TALKING ABOUT.  
*OTHERS PROMISE; WE DELIVER.*

**THE FUTURE OF STEEL FABRICATION.**

Stay connected to STRUMIS:    



**BRINGING  
STRUCTURE  
TO STEEL**

SALES@STRUMIS.COM | 01332 545800 | WWW.STRUMIS.COM

SOFTWARE BY STRUMIS LTD. PART OF THE GLOBAL RDS GROUP



## Industry News

# UKCA/CE Marking After a No-Deal Brexit

Main contractors, clients and all construction professionals are being warned that a No-Deal Brexit would have a major impact on the system for CE Marking of construction products that has been in force since 2014.

A No-Deal Brexit would mean an immediate switch from CE Marking to UK Conformity Assessed (UKCA) Marking on exit day.

A new free downloadable Guide produced by the British Constructional Steelwork Association spells out in detail what UKCA Marking is, how it will work for the steel construction sector, and how you can ensure you and your supply chain are compliant with the new legislation.

The Guide – Steel Construction UK Conformity Assessed Marking – is available for free download at the steel construction sector website [www.steelconstruction.info/UKCA\\_Marking](http://www.steelconstruction.info/UKCA_Marking).

Construction clients, main contractors, engineers, steelwork contractors and others in the construction supply chain all need to understand their new obligations in the event of a No-Deal Brexit.

This Guide highlights how the steel construction sector can easily meet the requirements of UKCA Marking and details the straightforward process for continuing to comply with the Construction Products Regulation, which is the legal basis for both UKCA and CE Marking.

“The steel construction sector successfully introduced CE Marking five years ago, and we are confident that the sector will manage the change to UKCA Marking just as effectively,” said BCSA President, Tim Outteridge.



# Brexit Sparks Slump in Construction Jobs Over Summer

According to Randstad, the number of new construction jobs halved this summer due to ‘parliamentary chaos and indecision’ caused by Brexit uncertainty.

The three summer months of June, July, and August usually see 30% of all permanent recruitment jobs filled in the construction sector (2018: 29%). However, this year, the summer made up just 16% of the previous 12 months’ recruitment placements, as construction projects are put on hold or work slowed.

Managing director of Randstad Construction Property & Engineering, Owen Goodhead, said: “Parliamentary chaos and indecision within the Palace of Westminster has pulled the rug from under the feet of the construction industry. The entire course of the construction industry is now being set by Brexit as clients cut budgets and property developers delay decision-making. MPs need to agree [on] a Brexit plan between them OR let us leave without a deal OR move a vote of no confidence OR

agree to an election. Until one of those things happen, the British labour market is going to keep running out of steam.”

The full article can be accessed at [www.pbctoday.co.uk/news](http://www.pbctoday.co.uk/news).





BUILDING AGRICULTURE

# LEADING SUPPLIER FOR ALL MAJOR PROJECTS



Kesley Farm



Sedgemoor Auction Market



Camgrain Advanced Processing Unit



Welshpool Auction Market

01934 641446

[sales@briarwoodproducts.co.uk](mailto:sales@briarwoodproducts.co.uk)

[www.briarwoodproducts.co.uk](http://www.briarwoodproducts.co.uk)

Approved by





## Rathfinny Estate Toasts to Hadley Group Success

When Rathfinny Estate needed to upgrade its existing vinepost collection, the Sussex-based winery turned to Hadley Group for help. In doing so, they joined a long list of wine growers to have had the company's industry-leading units installed across its fields.

Set in the sprawling fields of Alfriston, East Sussex, Rathfinny Estate is a RIBA-nominated winery, which has been in operation since 2010. During this time, the winery has made its name on growing Sussex sparkling wine using traditional methods, but also produces a limited amount of still wine and a number of grape-based spirits, gins and vermouths. Situated on a perfect south-facing slope, the vineyard is only three miles away from the sea, making its climate, soil and aspect perfect for wine production.

With preparations for this year's harvest fast approaching, Estate Manager, Cameron Roucher, decided the farm needed to upgrade its existing vinepost collection. As such, he contacted a number of suppliers to assess what represented the best solution for his site. During this period, Cameron connected with Hadley Group Sales Manager, Adam Lyness, who explained why the estate should consider specifying UltraSTEEL® vineposts. The vineyard was already familiar with the advantages of the product, having installed Hadley Group's end-posts across its plantings since 2012.

Cameron commented: "We wanted to upgrade our vinepost collection, which had started to show the signs of wear and tear after a few years of use. I spoke to a number of suppliers, but Hadley Group's products stood out to me on account of their strength and competitive pricing. Once I met with Adam, it became obvious that this was the right solution for us. I've always been impressed with the performance of the company's end-posts, which have been installed on the farm for some years. I believe we'll see further improvements now that the company's intermediate units have been fitted too."

Hadley Group's vineposts deliver a unique combination of durability and performance, which outperform traditional wooden vine pickets, or alternative metal vine supports on a number of levels. Staff at Rathfinny Estate immediately noticed the enhanced durability of the posts when installing them throughout the fields. Unlike in previous years, the units did not break when forced into the ground, making the installation process far easier. In turn, this reduced how long staff had to spend going back through the fields replacing and fixing posts.

Cameron concluded: "Straight away we noticed that the level of breakage across the vineyard was well down on previous years. This was a big change and it allowed us to get on with more important aspects of our operation, like growing the grapes! In previous years, staff have had to take time out of their schedules to go through the fields finding broken posts and mending bent ones. Thanks to the



strength of Hadley Group's products, we were able to just force them into the ground, helping us save time across the estate."

The result of extensive product development, Hadley Group's UltraSTEEL® vinepost range is helping some of the nation's leading vineries to achieve more of their wine growing objectives. As shown at Rathfinny Estate, the company can provide solutions that deliver better grip in the ground, saving winegrowers time and money. What's more, the company's innovative vinepost solutions can be designed and custom-made to suit all applications and can either be powder coated, pre-galvanised or chromed in a range of colours.

For more information about Hadley Group's vinepost range, please visit: [www.hadleygroup.com/markets/agricultural/vineposts](http://www.hadleygroup.com/markets/agricultural/vineposts).

## 2020 Red Tractor Scheme for Windows

Red Tractor chicken scheme members will be required to have windows fitted in all buildings which house birds, by October 2020. Red Tractor said that the reason behind the legislation was because consumers had come to expect welfare measures such as windows. In market research into consumer behaviour, welfare is repeatedly listed as one of the top concerns for shoppers when they are buying meat.

### How you will be measured:

- The transparent area of the windows equates to a minimum of 3% of the floor area
- Windows are evenly distributed providing uniform daylight throughout the building
- Windows are double glazed to provide insulation and prevent condensation
- Glass windows are toughened on the inside for added safety
- Shutters are fitted in order that daylight can be closed out if required (e.g. during extremely hot or cold days)
- Windows are open from day 5 during daylight hours unless veterinary advice states otherwise

### Red Tractor Chicken Scheme – FAQs

#### If I already have 1% windows do I need to upgrade to 3% windows?

Yes, but you have until the 1st Oct 2023 to do this. This ensures that all Red Tractor broilers, poussin and free range chickens have access to natural light from Oct 2020 but allows extra time for those who already have 1% windows to upgrade to 3%.

#### Can windows be opaque/ frosted?

Yes, as long as they let natural light through.

#### What materials are acceptable for windows?

Glass and polycarbonate are both acceptable. Windows must be double glazed. If using glass it must be toughened on the inside. If using polycarbonate it is important not to allow a build-up of dust or insects between the sheets – this can occur where the sheets have not been sealed together.



**POWELL & CO**

POULTRY & STEEL

#### Can the windows be in the roof?

Yes, windows can be in the roof but these may require a higher level of management on warmer days.

#### What constitutes 'evenly distributed' windows?

The object of the windows being evenly distributed is to ensure an even spread of light throughout the house. It can be harder to manage the use of windows where light is not evenly distributed. Windows may be just down one side of the house or they may miss out panels evenly throughout the shed due to the presence of fans. Ultimately, assessors will be looking for as even a spread of light as possible.

#### Are pop-holes considered windows?

Yes, pop holes allow natural light in and therefore count towards the requirement for windows.

Powell & Co. can install windows into any of your poultry units, old or new, timber posted or clear span, minerit lined or steel lined. We offer a number of options on design to suit the age and structure of your units. Our experienced team at Powell & Co will visit your site to assess requirements and provide recommendations to the best type solution required. We consider environment, noise and production cycles in our planning and quotation.



Before



After

## New Arrivals at Shufflebottom

We are proud to say that we have recently taken delivery of three new Peddinghaus machines: a Peddinghaus DG-1250 mitre Band Saw, a Peddinghaus PCD-1100/3C-Advantage-2 Drill-Line, and a Peddinghaus Shot-Blaster.

- The Band Saw has the capability of cutting a wide range of mitre-cuts: from straight cut through to 60 degrees, and responds to programme command or manual input. Cutting edge technology also includes twin column construction, rigid material clamping and an innovative lift and kneel material transport design.
- The high-speed carbide Drill-Line has the capability to process all structural shapes – beams, channels, angles and tubes, making for super efficiency.
- The Shot-Blaster incorporates the most sophisticated and robust blasting technology on the market today, giving the best results with minimum amount of abrasive.

The modular design of these machines means that we have an integrated system that gives us high performance, versatility and increased productivity.

The Peddinghaus brand is synonymous with quality in all aspects of its operations. That is why it is the global leader in structural steel fabrication machinery creating the most innovative equipment on the market. Even though it is a mighty corporation today, it has never lost sight of its family values and its dedication to engineering expertise focused on machine productivity, efficiency and innovation.

As a family-run business ourselves, Shufflebottom's ethos and way of working dove-tails perfectly with that of Peddinghaus. Therefore Peddinghaus was the natural choice.



**SHUFFLEBOTTOM**



We know we have invested heavily. Excellence does not come cheap. But we know that Peddinghaus technology and innovation will enhance our business and ensure maximum return on machine tool investment. Importantly, it will enable us to work smarter and faster on behalf of all our customers.

## Major farm development covered by EUROSIX

Over 3,500m<sup>2</sup> of EUROSIX natural grey fibre cement sheeting was specified on a triple span of duopitch roofslopes covering two pig breeding buildings, feed bins, storage facilities, a machinery store and hardstanding for deliveries and muck removal for a new farm building development in the Midlands.

The farms objective is to rear pigs in batches of 1,980 at a time. The pigs will be delivered to site as 28-day-old weaned piglets at about 7kgs and will be removed from the site from week 15 over a five-week period in batches of 400. Once the final batch is removed, the site will be cleaned and disinfected prior to the delivery of the next batch. There will be only two vehicle movements per day, and the manure will be removed from the shed on a daily basis to be used as natural fertiliser on part of this farms own arable land.

Planning and environmental specifications sought to ensure that the proposals for this major project would not have any unacceptable or negative impact on neighbours, the environment or any other users of the local area. Part of this specification included EUROSIX fibre cement sheeting supplied by Briarwood Products which was identified as a roof covering material with sympathetic visual features which would blend naturally into the surrounding area.

Many benefits of EUROSIX fibre cement sheeting, such as vapour permeability offering minimal condensation (compared to alternative roof sheeting), excellent thermal and acoustic values along with being rust and corrosion free, all make EUROSIX from Briarwood Products to be considered as the standard material

for many agricultural buildings. EUROSIX has unrivalled long term benefits during all seasons and weather conditions, the first choice for most working agricultural buildings and with all these natural benefits along with the many ventilation systems available which are designed to support positive animal welfare.

The full EUROSIX range of fibre cement sheets and fittings are all BBA Approved and manufactured under QS ISO 9002 and of course covered by CE Certification. Briarwood Products is proud to support all areas of the Agricultural sector with a wide range of products and systems, for further information on this and much more please visit our website [www.briarwoodproducts.co.uk](http://www.briarwoodproducts.co.uk).



# FIBRE CEMENT SHEETS AND BUILDING COMPONENTS



## UK'S LEADING **SUPPLIER**

Briarwood has been supplying Fibre Cement Profiled Sheets since 1978 and is now the UK's leading supplier, holding the largest stock in Europe. By managing its own dedicated production line Briarwood has complete control over the manufacturing process which enables production of the highest quality fibre cement sheets and accessories. The production process provides the capacity for Briarwood to deliver more sheets than any manufacturer to the UK market.

**“ More than 40 years' experience in developing the highest quality ”**



## NATIONWIDE **DELIVERY**

Briarwood has the ability to deliver nationwide, using its own dedicated transport fleet. The fleet of specialist vehicles allows complete control of the supply chain providing distribution from factory to farms across the country. Carefully planned transport logistics means Briarwood has the capacity and flexibility to meet customer's needs and can provide a swift delivery service to anywhere in the UK. The specialist vehicles as well as the exceptionally trained delivery team enables delivery to even the most challenging of sites.

**“ 20 specialist vehicles delivering direct to site ”**

Approved by





## **BUILDING COMPONENTS**

In addition to fibre cement, Briarwood provides an extensive range of building components, enabling buyers to benefit from the cost savings associated with using a single supplier and the efficiency of receiving a single delivery. This extensive product range includes: Metal Profiled Sheets, GRP Rooflights, Timber Purlins, Steel Purlins and Sections as well as Fixings. There has also been significant development to offer the UK's largest supply of PVC Rainwater Systems, comprising of the leading brand names, Brett Martin, Hunter and Aquaflow.

**“ Many Products, One Delivery, No Downtime ”**



## **RAPID TURNAROUND**

Due to the extensive stock holding and inhouse delivery fleet Briarwood can support a rapid turnaround on orders, usually within five days. They understand that even with efficient planning, project requirements can often change, meaning materials can be needed at very short notice. Due to the vast supply of stock, as well as its own transport fleet, and excellent customer service team, Briarwood offers the unique ability to deliver last minute changes to orders that could ordinarily take weeks to fulfil.

**“ Over 95% orders delivered in 5 Days ”**



## Technical Update

Image Courtesy of Timmins Engineering & Construction

# Building Design as Part of the CE Marking Process

It is now more than 5 years since the CE marking of frames and other fabricated steelwork became compulsory in the UK and across the EU. Thankfully, many of the initial hurdles are now history and RIDBA members are CE marking their products as part of their regular manufacturing process. RIDBA is also making headway with the thorny issue of policing, thanks to its Primary Authority Agreement with Dorset County Council. Despite this good news, the RIDBA technical desk is still busy with questions regarding the CE marking process, the role of building design within this process and, more recently, with questions about the reuse of reclaimed steel frames and members. These issues were addressed at the recent RIDBA members' meeting, but for the benefit of those who were unable to attend, the key points are summarised below.

## CE Marking recap

CE marking is the process by which a manufacturer declares that its products comply with all relevant EU regulations and directives by following the rules laid out in a harmonised European standard (hEN) or European Technical Assessment (ETA). For fabricated structural steelwork, the appropriate regulation is the Construction Products Regulation (CPR) and the harmonised standard is BS EN 1090-1. This standard contains the high level requirements for CE marking along with the means of assessment for each of the requirements. These requirements will form the basis of the Factory Production Control (FPC) document against which the steelwork fabricator is audited.

BS EN 1090-1 references BS EN 1090-2, the execution standard, on issues such as fabrication tolerances and welding, although not all of the requirements given in this latter standard are relevant for CE marking (e.g. erection tolerances).

The CPR lists seven Basic Works Requirements (BWR) as follows:

1. Mechanical resistance and stability
2. Safety in case of fire
3. Hygiene, health and the environment
4. Safety in use
5. Protection against noise
6. Energy economy and heat retention
7. Sustainable use of natural resources

Not all of these characteristics are applicable to all products and manufacturers should seek guidance from the appropriate harmonised standard, where available. For structural steelwork, the key requirement is BWR 1, which deals with the strength, design and

detailing of the steel structure. Indeed, most of the emphasis is on the accurate fabrication and correct welding of the steel elements to ensure that structural strength and stability requirements are met. The scope of BS EN 1090-1 does not include requirements for protection against noise or energy economy and heat retention, both of which are matters for the building envelope.

BS EN 1090-1 gives four options for declaring properties against BWR 1:

- Declare material properties and geometry so that others can calculate resistance
- Declare mechanical resistance calculated to the Eurocodes
- Declare compliance with a third party specification (client's design)
- Declare compliance with purchaser's order (e.g. use specific standard).

Options 1 and 3 require the client to employ a structural engineer, either directly or via a consultancy, to undertake the resistance calculations (option 1) or to undertake the design of the building structure (option 3). This latter option is very common for commercial and industrial buildings where the client will often employ a consulting engineer to design the structure, but is generally not appropriate for agricultural clients. While a farmer could theoretically ask the frame manufacturer to design the structure to another standard (e.g. a withdrawn British Standard), such clients are not qualified to make this decision. Furthermore, there would be important legal implications for the client under the Construction (Design and Management) Regulations if any form of client-led design activity were undertaken by unqualified personnel. RIDBA strongly recommends that only qualified engineers are employed to design buildings and such designs must comply with BS 5502-22 and the structural Eurocodes.

## The Design process

Of the four declaration options, the only two that are appropriate for agricultural buildings are:

- Declare the mechanical resistance on the CE label (not normal for frames)
- Declare that the frame design complies with BS 5502-22 (supported by Eurocode calculations)

Both of these methods require the frame manufacturer to have a means to undertake the design and also a documented design process. To comply with CE marking, this design process must

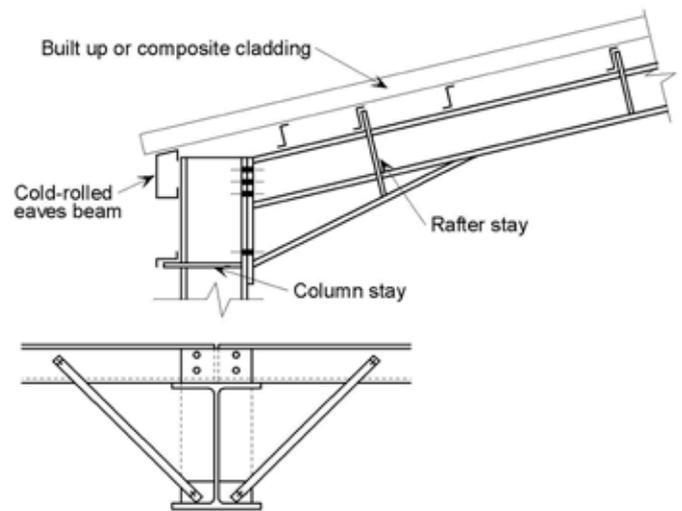
form part of the FPC, which will be audited by a Notified Body on an annual basis.

The design process needs to take account of the many factors that influence the design of the structure, especially its intended use and location. Even for 'standard' buildings of a common geometry and function, the location and the snow and wind loading for that location will be unique for every case, so every building needs to be designed as if it were a unique structure. This means a full set of design calculations every time. In particular, wind and snow loading are highly dependent on location and will vary from one region to another and with altitude. Wind loading is also dependent on distance from the coast and the availability of shelter from other buildings or obstructions.

In 2013, RIDBA published a Design Protocol, which aimed to provide frame manufacturers with a template to follow for their design calculations. The Design Protocol listed the following steps for the successful design of a portal framed agricultural building:

1. Identify building location, proposed use and other relevant factors
2. Determine the building loads:
  - a. Permanent (dead)
  - b. Imposed (maintenance access)
  - c. Wind
  - d. Snow (including drift)
  - e. Construction loads (if appropriate)
3. Apply factors and calculate design load cases
4. Select frame members to meet strength and deflection requirements
5. Check frame stability
6. Design and detail connections
7. Design other details such as rafter restraint
8. Select steel sub-grade

Importantly, the design of a steel building is not simply a matter of selecting the correct section size from a table or computer output. The member design is only one step in the process and possibly not even the most important step. A well-detailed frame with slightly undersized members may sag a little under load but will probably survive normal service conditions due to conservatism in the design methods, whereas a poorly detailed frame is likely to collapse as shown below.



## Reuse of reclaimed steel

The use of second-hand steel frames is not very common due to the costs involved in the salvage and refurbishment of the steel. Where it is used, however, it raises some interesting questions regarding the design and CE marking of the frames.

Regarding design, the key issues are the identification of the steel grade and the assessment of its condition. To tackle these issues, any reclaimed steel must be inspected for corrosion, damage and signs of plastic deformation, and samples should be cut for laboratory testing where appropriate. Even if the steel is not visibly damaged, there is still the risk that some of the steel's reserve of ductility may have been used. Since plastic design relies in the steel possessing sufficient ductility for plastic hinges to form and rotate, something that may not be possible with reused steel, it is safer to use elastic design methods only, i.e. limited the maximum elastic bending moment to the bending resistance of the section. Increased safety factors may also be appropriate to allow for the greater uncertainty in material properties.

The ability to CE mark depends on the circumstances. The CE mark is applied to a 'new' product when it leaves the factory gate. Existing products already in use cannot be CE marked retrospectively, even if they are moved from one site to another. If the steel members were salvaged from an existing building and then modified in some way by a fabricator before being re-sold, they could then be considered to be 'new', so may require a CE mark. This is complicated, however, by the fact that the second-hand steel may not be compliant with BS EN 10025, the product standard for structural steel. Products are only CE marked when they are placed on the market, so a fabricator could take down a building, refurbish the frames and then re-erect them on the original site without needing to apply a CE mark.

### Dr Martin Heywood RIDBA Technical Consultant

A specialist in the structural engineering of agricultural and industrial type steel framed buildings, Dr Martin Heywood, is the technical consultant for RIDBA members.

Martin represents RIDBA on the B/549 committee and the sector on B/525/1 and CB/203.

**For further information contact:**  
**Technical@ridba.org.uk.**



# TRANSFORMING CONSTRUCTION



## **BUILD UK DOES MORE THAN REPRESENT THE UK CONSTRUCTION INDUSTRY.**

By focussing on three strategic priorities, we work with our members and partners to drive real change that strengthens the sector.

Improving  
Business  
Performance

Increasing  
Productivity

Recruiting,  
Training &  
Retaining Talent



For more information, visit [BuildUK.org](https://www.BuildUK.org)

# BREXIT

Build UK News



## Are you Ready for Brexit?

Following months of uncertainty, the new date for the UK to leave the EU is 31 January 2020. This allows more time for businesses to prepare for Brexit, and Build UK has launched a dedicated website, 'Are You Ready for Brexit?' summarising the latest information.

Brexit is guaranteed to have significant implications for your business and identifying the risks early will help to manage them before it is too late. Issues that you may need to consider include:

- **Do you employ workers outside of the UK?**
- **Do you import/export goods from the EU and EEA?**
- **Do you supply products that are CE Marked?**
- **Are your contracts ready for Brexit?**

BCSA has released a free guide on UKCA/ CE Marking which can be found on the website - see page 15 for the details. It is important to review your contract terms and conditions and Build UK has published a new contractual guidance note, 'Are your Contracts Ready for Brexit?', to help manage the possible effects of Brexit-related events.

To find out more visit [brexit.builduk.org](http://brexit.builduk.org).

## Build UK Publishes Public Sector Retention Policies

Build UK has reached the latest milestone on its Roadmap to Zero Retentions by publishing the retention policies of major public sector clients that procure construction services.

Obtained by Build UK directly from each public sector client, this information brings much-needed transparency to the construction sector by enabling the supply chain to understand whether to expect cash retentions in contracts procured by Government departments, ministries, agencies and public bodies. It includes the retention percentage generally included in contracts between the client and its Tier 1 contractors, as well as when the money should be released.

A number of public sector clients have a policy of generally not withholding retention, including High Speed 2, Highways England and Network Rail. However, there are significant complexities in the various policies, including exceptions that exist for certain types of project and the use of retention bonds.

Details can be found at [www.BuildUK.org/retentions](http://www.BuildUK.org/retentions).

## Inspiring the Next Generation with Open Doors 2020

Build UK members are already registering their sites for next year's Open Doors which is taking place from Monday 16 March to Saturday 21 March.

Open Doors aims to inspire more people into the construction industry by enabling them to go 'behind the scenes' to discover the diverse and rewarding range of careers the industry has to offer. This year's Open Doors saw more than 6,000 people visit 290 sites, offices and factories throughout Great Britain, including Mace's Battersea Power Station, Balfour Beatty's Glasgow Queen Street Station redevelopment, and Willmott Dixon's BIM Cave in Birmingham.

Build UK is encouraging companies to open their sites, offices, factories and training centres to showcase construction.

To register, visit [www.opendoors.construction](http://www.opendoors.construction).

**OPEN DOORS** **OPEN DOORS WEEK 2020**  
Get into Construction

**MONDAY 16 – SATURDAY 21 MARCH**

**Step into the world of construction and discover the diverse and rewarding range of career paths the industry has to offer.**



# A leading Stockholder and Processor of Mild Steel Sections and Plates



A quality job requires quality materials processed and supplied accurately on time. If your next project involves steel, please talk to us.

From over 30,000 tonnes of stock at our two sites, we select, process and deliver thousands of tonnes, in-house, every week.

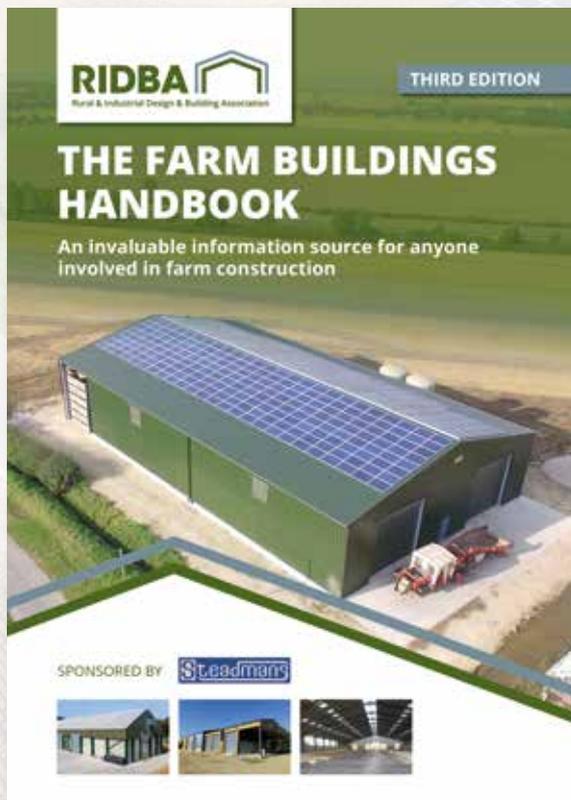
AJN is proud to work in partnership with RIDBA and its members; taking advantage of an outstanding reputation for great service at competitive prices.



**AJN Steelstock Limited**  
**[www.ajnsteelstock.co.uk](http://www.ajnsteelstock.co.uk)**

Icknield Way, Kentford,  
Newmarket Suffolk  
CB8 7QT  
T: 01638 555500

Gibbs Marsh Trading Estate,  
Henstridge, Templecombe  
BA8 0TN  
T: 01963 365210



## THE FARM BUILDINGS HANDBOOK

**THIRD EDITION – OUT NOW**

Order your copy:  
**[admin@ridba.org.uk](mailto:admin@ridba.org.uk)**  
**0844 249 0043**  
**[ridba.org.uk](http://ridba.org.uk)**

## Frame Manufacturers

### Companies that manufacture steel or timber framed buildings

#### 3b Construction

South Street Depot, Port William, Newton Stewart, Dumfries & Galloway, DG8 9SH  
01988 700 000  
heather.vance@3bconstruction.co.uk  
www.3bconstruction.co.uk

#### A.C. Bacon Engineering Ltd

Norwich Road, Hingham, Norfolk, NR9 4LS  
01953 850 611  
steel@acbacon.co.uk  
www.acbacon.co.uk

#### A C Jackson Ltd

Buffer Depot, Rode Street, Tarporley, Cheshire, CW6 0EF  
01270 588 841  
info@acjackson.co.uk  
www.acjacksonltd.co.uk

#### A.J. Lowther & Son Ltd

The Factory, Whitchurch, Ross-on-Wye, Herefordshire, HR9 6DW  
01600 890 482  
info@ajlowther.co.uk  
www.ajlowther.co.uk

#### Adeilad Cladding Ltd

The Stores, Station Road, Llanwrda, Carmarthenshire, SA19 8EH  
01550 777 497  
adclad@live.co.uk  
www.adclad.co.uk

#### Alan Jukes Steel Framed Buildings Ltd

Cae Mawr, Llanfechain, Powys, SY22 6XH  
01691 828 094  
alanjukes@btinternet.com  
www.alanjukes.co.uk

#### Andenor Ltd

74 Rowan Way, Balderton, Nottinghamshire, Newark, NG24 3BJ  
01623 490555  
stuart@andenor.com

#### Balsham (Buildings) Ltd

1-2 Rosemary House, Lanwades Business Park, Kennet, Newmarket, Suffolk, CB8 7PN  
01223 894 404  
mickg@balsham.uk.com  
www.balsham.uk.com

#### Bowie Lockwood Structures Ltd

Coombe Abbey Farm, Coombe Fields Road, Binley, Warwickshire, CV3 2SX  
0845 2572 343  
sales@bowielockwood.co.uk  
www.bowielockwood.co.uk

#### C.E. Davidson Ltd

South View, Fressingfield, Eye, Suffolk, IP21 5PJ  
01379 388 077  
charlie@cedavidson.co.uk

#### Chris Hodgson Engineering Ltd

Seven Acres, Hollocombe, Chulmleigh, Devon, EX18 7QH  
01769 520 422  
info@chrishodgson.biz  
www.chrishodgsonengineering.co.uk

#### Colley (Farm Buildings) Ltd

The Airfield, Cranswick Ind Est, Beverley Road Cranswick, Drifffield, Yorkshire, YO25 9PF  
01430 810 210  
enquiries@colleyfarmbuildings.co.uk  
www.colleyfarmbuildings.co.uk

#### Collins Design & Build Ltd

Unit 5, Westwood Ind Est, Pontrilas, Hereford, HR2 0EL  
01981 240 682  
info@collinsdb.co.uk  
www.collinsdb.co.uk

#### Core Steel Ltd

Unit J, Three Mills Trading Estate, Old School Lane, Hereford, HR1 1EX  
01273 815 932  
info@danddconstruction.co.uk  
www.danddconstruction.co.uk

#### Culm Valley Farm & Industrial Buildings Ltd

Bridge Street, Bridge Works, Uffculme, Devon, EX15 3AX  
01884 841 557  
culmvalleyfarmbuildings@btconnect.com  
www.culmvalleyfarmbuildings.co.uk

#### Cumbria Steel Fabrications Ltd

Barras Lane Ind Est, Dalston, Carlisle, Cumbria, CA5 7ND  
01228 711 318  
office@csfab.co.uk  
www.csfab.co.uk

#### D G Ashley Ltd

Highcroft, Aike, Drifffield, East Yorkshire, YO25 9BG  
01377 270 525  
D6ash@aol.com

#### D Jones Welding

Llwynceilyn, Llandeilo, Carmarthenshire, SA19 6RY  
01558 822 381  
djoneswelding@hotmail.co.uk

#### DeVilte and Lear Ltd

Mill Lane, Roston, Ashbourne, Derbyshire, DE6 2EE  
01335 324 302  
info@devilleandlear.co.uk  
www.devilleandlear.co.uk

#### Dunn (Canadian - UK) Ltd

86 Spencer Road, Wigan, Lancashire, WN1 2QP  
01942 237 487  
dunnstorm650@aol.com  
www.dunncanadian.co.uk

#### Eagle Structural Ltd

Lordship Road, Great Carlton, Louth, Lincolnshire, LN11 8JS  
01507 450 081  
info@eagle-structural.co.uk  
www.eagle-structural.co.uk

#### Ellerington Engineering Ltd

Knights Garth Farm, Bishop Burton, East Yorkshire, HU17 8QL  
01964 550810  
accounts@elleringtonengineering.co.uk  
www.elleringtonengineering.co.uk

#### Emmerson Doors Ltd

Enterprise Way, Sherburn in Elmet, Leeds, LS25 6NA  
01977 685 566  
sales@emmerson-doors.co.uk  
www.emmerson-doors.co.uk

#### Ernest Leng and Son

Friars Hill, Sinnington, York, Yorkshire, YO62 6SL  
01751 431 774  
leng@xlninternet.co.uk  
www.ernestleng.co.uk

#### F.W. Yelland & Son (Northlew) Ltd

Oljonna House, Station Road, Okehampton, Devon, EX20 3BN  
01409 221 445  
admin@yellands.free-online.co.uk  
www.yelland-construction.co.uk

#### Farmplus Constructions Ltd

Shay Lane, Longridge, Preston, Lancashire, PR3 3BT  
01772 785 252  
Jim.Rogerson@farmplus.co.uk  
www.farmplus.co.uk

#### Fowler & Gilbert Ltd

Unit B Sheriff House, Nantwich Road, Stanthorne, Middlewich, Cheshire, CW10 0LH  
01606 738 738  
info@flgb.co.uk  
www.flgb.co.uk

#### FP McCann Ltd

3 Drumard Road, Knockloughrim, Magherafelt, Londonderry, BT45 8QA  
028 79642558  
info@fpmccann.co.uk  
www.fpmccann.co.uk

#### George W Addison

Clayfolds, Aluah, Banff, Aberdeenshire, AB45 3UD  
01261 821 288  
stuartadd@btinternet.com

#### GLE Structural Ltd

6A Station Street, Chatteris, Cambridgeshire, PE16 6NA  
07711 032 600  
mark.stone16@btinternet.com

#### Glendale Engineering (Milfield) Ltd

Berwick Road Industrial Estate, Wooler, Northumberland, NE71 6AH  
01668 281 464  
info@glendaleengineering.co.uk  
www.glendaleengineering.co.uk

#### GLT & Son Roofing Services Ltd

15a Bronyglyn, Bronwydd, Carmarthen, SA33 6JB  
07837 958 144  
gltfoot@ymail.com

#### Hemmings Construction Ltd

Cockshoot Farm, Dean Road, Newnham, Gloucestershire, GL14 1HH  
01594 517 161  
martin.hemmings@yahoo.co.uk

#### J I & M Davies & Son

Coed Rodyn Farm, Lixwm Road, Mold, Clwyd, CH7 5RQ  
01352 741 843  
daviesscoed@aol.com

#### J. Wareing & Son (Wrea Green) Ltd

Whinbrick Works, Blackpool Road, Kirkham, Preston, Lancashire, PR4 2RJ  
01772 682 159  
sales@wareingbuildings.co.uk  
www.wareingbuildings.co.uk

#### Knapp Farm Buildings

Quarryknowe, Knapp, Inchtute, Perthshire, PH14 9SW  
01828 686 265  
alistairreid@knappfarmbuildings.co.uk  
www.knappfarmbuildings.co.uk

#### Harrison Eastoft Ltd

Verandah House, Eastoft, Scunthorpe, North Lincolnshire, DN17 4PN  
01724 798245  
andy@harrisoneastoft.co.uk

#### Lancashire Steel Buildings

Copthurst Farm, Barrowford Road, Higham, Nr Burnley, Lancashire, BB12 9AS  
01282 771748  
sales@lancashire-steelbuildings.co.uk  
http://lancashire-steelbuildings.co.uk/

**M.D. Anthony Ltd**

Unit 20, The Dock Business Park, Ely,  
Cambridgeshire, CB7 4GS  
01353 666 201  
sales@mdanthony.com  
www.mdanthony.com

**Magna Buildings Ltd**

Blackpitt Farm, Oddington, Moreton in Marsh,  
Gloucestershire, GL56 0XW  
01451 831 855  
general@magnabuild.com  
www.magnabuild.co.uk

**Mervyn Rose Engineering Ltd T/A Rose Engineering**

Paradise Farm, Bagber, Sturminster Newton,  
Dorset, DT10 2HB  
01258 472 866  
info@rose-engineering.co.uk  
www.rose-engineering.co.uk

**Minshall Construction (UK) Ltd**

Unit 1 Bert Smith Way, Adderley Road,  
Market Drayton, Shropshire, TF9 3SN  
01630 657 647  
info@minshallconstruction.com  
www.minshallconstruction.com

**Morspan Construction Ltd**

Llancayo Farm, Usk, Monmouthshire,  
P15 1HY  
01291 672334  
enquiries@morspan.co.uk  
www.morspan.com

**Norman & Gray Ltd**

Lilac Cottage, Malton Road, Pickering,  
North Yorkshire, YO18 8EA  
01751 472 812  
phil@pjohnorman.co.uk  
www.pjohnorman.co.uk

**Northern Structures Ltd**

Amble Industrial Estate, Amble, Northumberland,  
NE65 0PE  
01665 710 746  
anthony.nelson@northernstructures.co.uk  
www.northernstructures.co.uk

**P McKenna's Agricultural Service Ltd**

Esh Winning Industrial Estate, West Terrace,  
Esh Winning, Durham, DH7 9PT  
0191 373 3187  
pmckenna\_agri\_servis@hotmail.com

**Paul Huxley Construction Ltd**

Unit 25 Rednal Industrial Estate, West Felton,  
Oswestry, Shropshire, SY11 4HS  
01691 610083  
sales@paulhuxleyconstruction.co.uk  
www.paulhuxleyconstruction.co.uk

**Powell & Co. Construction Ltd**

Longmoor, Shirleath, Kingsland, Herefordshire,  
HR6 9RG  
01568 708819  
sales@powellbuildings.com  
www.powellbuildings.com

**Preston Steel Structures**

Ryecroft, Newby Clapham, Nr Lancaster,  
Lancashire, LA2 8JD  
01524 251 542  
info@prestonsteelstructures.co.uk  
www.prestonsteelstructures.co.uk

**R E Buildings Ltd**

Spout House, Bay Horse, Lancaster, Lancashire,  
LA2 9DE  
01524 792 247  
sales@rebuildings.co.uk  
www.rebuildings.co.uk

**R J Doak & Sons Ltd**

Northfaulds, Lanark, Lanarkshire, ML11 7SA  
01555 661 425  
rjdoakltd@gmail.com  
www.doakco.com

**RLH Welding & Fabrications Ltd**

The Workshops, 32 Ford House Road, Newent,  
Gloucester, GL18 1LQ  
01531 828761  
info@rlhwelding.co.uk  
www.rlhwelding.co.uk

**RM Gibbons Ltd**

1 Catherines Lane, Bickerstaff, Ormskirk,  
Lancashire, L39 9EL  
07584 045 382  
gibbonsroger@aol.com

**Robinson Structures Ltd**

Eagle Park Industrial, Alfreton Road, Derby,  
Derbysire, DE21 4AE  
01332 574 711  
sales@robinsons.com  
www.robinsons.com

**Ron Whitfield Engineers Ltd**

Manorfield, Fridaythorpe, Driffield, Yorkshire,  
YO25 9RT  
01377 288 263  
gwhitfield72@gmail.com

**RWHB Ltd**

Belston Cottage, Sinclairston, Cumnock, Ayrshire,  
KA18 2RU  
01290 700 073  
enquiries@rwhb.co.uk  
www.rwhb.co.uk

**S & A Fabrications Ltd**

Harmire Enterprise Park, Barnard Castle,  
County Durham, DL12 8EH  
01833 690 379  
fabs@s-and-a.co.uk  
www.s-and-a.co.uk

**S. Schofield Steel Fabrications Ltd**

Cookson's Yard Beverley, Carr Lane, Hambleton,  
Lancashire, FY6 9BB  
01253 702 806  
info@schofieldsteel.co.uk  
www.schofieldsteel.co.uk

**SDM Fabrication Ltd**

Foundry Way, March, Cambridgeshire, PE15 0WR  
01354 660 895  
richard@sdmlimited.co.uk  
www.sdmstructures.com

**Severn Fabrications Ltd**

Unit 3, Maesbury Mill, Industrial Park, Oswestry,  
Shropshire, SY10 8BB  
01691 653 506  
info@severnfabrications.co.uk  
www.severn-fabrications.co.uk

**Shufflebottom Ltd**

Cross Hands Business Park, Cross Hands, Llanelli,  
Carmarthenshire, SA14 6RE  
01269 831 831  
alex@shufflebottom.co.uk  
www.shufflebottom.co.uk

**Skinner's Engineering Ltd**

First Business Park, Holsworthy Industrial Estate,  
Dobles Lane, Holsworthy, EX22 6HN  
01409 254 430  
skinnerengineeringltd@gmail.com  
www.skinnerengineering.co.uk

**Smith Contracts Scotland Ltd**

Lawersbridge Farm, Mauchline, Ayrshire, KA5 6EU  
01290 559358  
enquiries@smithcontractsscotland.com  
www.smithcontractsscotland.com

**South West Steel Construction Ltd**

Holsworthy Industrial Estate, Holsworthy,  
Devon, EX22 6ER  
01409 253 211  
info@southweststeelconstruction.co.uk  
www.southweststeelconstruction.co.uk

**Steel Fabricators (Wales) Ltd**

3 Nantyglyn, Cwmann, Lampeter, Dyfed,  
SA48 8JT  
01570 493 253  
enquiries@steelfabwales.co.uk  
www.steelfabwales.co.uk

**Steeltex Structural Steel Ltd**

Unit 4-6 Mallard Industrial Park,  
Charles Street Horbury, Wakefield, Yorkshire,  
WF4 5FH  
01924 283 355  
Neil.Fox@steeltex.co.uk  
www.steeltex.co.uk

**Supercraft Structures Ltd**

Shobdon Airfield, Shobdon, Near Leominster,  
Herefordshire, HR6 9NR  
01568 708 456  
info@supercraftltd.co.uk  
www.supercraftltd.co.uk

**T & M Buildings Ltd**

16 Town Park, Torrington, Devon, EX38 7AQ  
01805 623 555  
tim.tandmbuildings@gmail.com  
www.tandmbuildings-devon.co.uk

**T & P Metcalfe & Sons Ltd**

Forgewood House, Wray Road, Wennington,  
Lancaster, Lancashire, LA2 8NN  
01524 222 230  
Info@tpmetcalfe.co.uk  
www.tpmetcalfe.co.uk

**Tilke Engineering Ltd**

Lyndale, Bellhouse Lane, Anslow,  
Burton-on-Trent, Staffordshire, DE13 9PA  
01283 563 756  
craig@tilkeengineering.co.uk  
www.tilkeengineering.co.uk

**Timmins Engineering and Construction Ltd**

Innovation Works, Caenby Hall Business Park,  
Caenby Corner, Market Rasen, Lincolnshire,  
LN8 2BU  
01673 878800  
info@timminsagricultural.co.uk  
www.timminsagricultural.co.uk

**Titan Steel Ltd**

Kirkton, Kinellar, Aberdeen, AB21 0SB  
01224 791 178  
info@titansteel.co.uk  
www.titansteel.co.uk

**United Roofing Products (A division of Building Solutions (National Ltd))**

Evenwood Industrial Estate, Copeland Road,  
Evenwood, County Durham, DL14 9SF  
01388 834 295  
Michael.Hammond@cagroup.ltd.uk  
www.united-products.co.uk

**W E Phillips and Sons Ltd**

Unit 3, Ironbridge Industrial Estate,  
Gittisham, Honiton, Devon, EX14 3AN  
info@wephillipsandsons.co.uk  
www.wephillipsandsons.co.uk

**W H Ricketts & Sons**

Forge Works, Ffynnon Gynydd,  
Glasbury on Wye, Powys, HR3 5LX  
01497 847 250  
info@whrickettsandsons.co.uk

**Webcox Engineering Ltd**

Harris Rd, Calne, Wiltshire, SN11 9PT  
01249 813 225  
sales@webcox.co.uk

**Wilson Construction Ltd**

East Stobswood Farm Cottages,  
Widdington, Morpeth, Northumberland,  
NE61 3AY  
01670 791 404  
wilsonconstruction@hotmail.co.uk  
http://wilsonconstruction.co.uk/

**Worman Construction Ltd**

Beachley House, Beach Road, St. Brides, Newport,  
Gwent, NP10 8SH  
01633 681 710  
worman.constructionltd@btinternet.com  
www.worman-construction.co.uk

**Yorkshire Steel Buildings (Holdings) Ltd**

Aiskew Bank Farm, Back Lane, Bedale, Aiskew,  
Yorkshire, DL8 1AU  
01677 425324  
info@yorkshiresteelbuildings.co.uk  
www.yorkshiresteelbuildings.co.uk

## Supplier Members

Companies that manufacture or supply products related to the rural and industrial buildings industry

### 3DCAD4U Ltd

19 Ellerbeck Road, Thornton Cleveleys, Blackpool, Lancashire, FY5 1DH  
07512 104890  
john@3dcad4u.com  
www.steel-connections.co.uk

### A Steadman & Son

Warnell, Welton, Carlisle, Cumbria, CA5 7HH  
01697 478 277  
info@steadmans.co.uk  
www.steadmans.co.uk

### Acorus Rural Property Services Ltd

Old Market Office, Risbygate Street, Bury St Edmunds, Suffolk, IP33 3AA  
01284 753271  
mike.bamforth@acorus.co.uk  
www.acorus.co.uk

### AJN Steelstock Ltd

Ickneild Way, Kentford, Newmarket, Suffolk, CB8 7QT  
01638 555500  
sales@ajnsteelstock.co.uk  
www.ajnsteelstock.co.uk

### Albion Sections Ltd

2 Albion Road, West Bromwich, West Midlands, B70 8BD  
01215 531 877  
tom.hughes@albionsections.co.uk  
www.albionsections.co.uk

### Ayrshire Metals

Royal Oak Way, Daventry, Northamptonshire, NN11 8NR  
01327 300990  
sales@ayrshire.co.uk  
www.ayrshire.co.uk

### Briarwood Products Ltd

Briarwood Business Park, Commerce Way, Walrow Industrial Estate, Highbridge, Somerset, TA9 4AG  
01934 641 446  
norman.morter@briarwoodproducts.co.uk  
www.briarwoodproducts.co.uk

### Capital Steel Group Ltd

Third Floor, 82 Union Street, Glasgow, G1 3QS  
0141 4049 360  
alanh@capitalsteelbuildings.co.uk  
www.capitalsteelbuildings.co.uk

### Cembrit Ltd

Studio 39, Thames Innovation Centre, 2 Veridion Way, Erith, Kent, DA18 4AL  
0208 320 1184  
ged.ferris@cembrit.co.uk  
www.cembrit.co.uk

### Eternit Ltd

Wellington Road, Burton upon Trent, Staffordshire, DE14 2AP  
01283 501555  
infouk@etexgroup.com  
www.eternit.co.uk

### Farmsmart Events Ltd

Killington Hall Farm, Killington, Kirkby Lonsdale, Carnforth, Lancashire, LA6 2HA  
015396 20255  
andy@farm-smart.co.uk  
www.farm-smart.co.uk

### Filon Products Ltd

Unit 3, Ring Road, Zone 2, Burntwood Business Park, Burntwood, Staffordshire, WS7 3JQ  
01543 687300  
markwilcox@filonproducts.co.uk  
www.filon.co.uk

### Hadley Group

123 West Bromwich Street, Oldbury, West Midlands, B69 3AZ  
0121 555 1342  
brian.cartwright@hadleygroup.com  
www.hadleygroup.co.uk

### Hereford Galvanizers Ltd

Westfields Trading Estate, Hereford, Herefordshire, HR4 9NS  
01432 267 664  
PeterS@hereford.galvanizers.co.uk  
www.galvanizers.co.uk

### Hornsey Steels Ltd

Riverlea, Bedstone Road, Shropshire, SY7 0AQ  
01547 530419  
info@hornseysteels.co.uk  
www.roofing-sheets.co.uk

### Huck Nets (U.K.) Ltd,

Gore Cross Business Park, Corbin Way, Dorset, DT6 3UX  
01308 425 100  
dave.collins@hucknetting.co.uk  
www.huck-net.co.uk

### IAE

Mossfield Road, Adderley Green, Longton, Stoke-on-Trent, Staffordshire, ST3 5BW  
01782 339 320  
lee.scragg@iae.co.uk  
www.iae.co.uk

### IN Fabrications Ltd

Unit 11, Talbot Way, Adderley Road Industrial Estate, Market Drayton, Shropshire, TF9 3SJ  
ian@infabrications.co.uk

### James E. Smith (Timber) Ltd

Soho Pool Way Park Road, Hockley, Birmingham, B18 5JA  
0121 5232 261  
dave@jestimber.co.uk  
www.jestimber.co.uk

### Joseph Ash Galvanizing

The Alcora Building 2, Mucklow Hill, Halesowen, Worcestershire, B62 8DG  
0121 504 2560  
stevenh@josephash.co.uk  
www.josephash.co.uk

### Kaltenbach Ltd

3 Caxton Park, Caxton Road, Bedford, MK41 0TY  
01234 213 201  
d.wilkins@kaltenbach.co.uk  
www.kaltenbach.co.uk

### Kingspan Insulated Panels Ltd

Greenfield Business Park 2, Greenfield, Holywell, Flintshire, CH8 7G  
01352 716 100  
paul.grimshaw@kingspan.com  
www.kingspanpanels.co.uk

### Lion Trading GB Ltd

Unit 1, Bloomhill Road, Moorends, Doncaster, Yorkshire, DN8 4SP  
01405 812 285  
john@lion-trading.co.uk  
www.lion-trading.co.uk

### MDS Industries Ltd

Booth Street, Smethwick, Birmingham, B66 2PF  
0121 565 0022  
ralph@mdsind.co.uk  
www.mdsind.co.uk

### Pro Net GB Ltd

Unit 1, Bloomhill Road, Thorne Moorends, Doncaster, DN8 4SP  
01405 817557  
ian@pronetgbld.co.uk  
www.pronetgbld.co.uk

### RNT Tanks & Silos Ltd

Unit 8 Drove Road, Gamlingay, Sandy, Bedfordshire, SG19 2HX  
01767 654 916  
ashley.gurney@rnttanks.com  
www.rnttanks.com

### StruMIS Ltd

Truro House, Derby, Derbyshire, DE21 6LY  
01332 545 800  
s.watson@strumis.com  
www.strumis.com

### United Roofing Products

Longbridge Meadow Industrial Estate, Cullompton, Devon, EX15 1BT  
01884 839 302  
lukeevans@unitedroofingproducts.com  
www.unitedroofingproducts.com

### Wedge Group Galvanizing Ltd

Stafford Street, Willenhall, West Midlands, WV13 1RZ  
01902 600 704  
Claire.Jones@wedge-galv.co.uk  
www.wedge-galv.co.uk

## Contractor Members

Companies that work on site, groundworkers, steel erectors, cladders and general contractors

### Curtis Engineering Frome Ltd

Curtis House, Manor Road, Marston Trading Estate, Frome, Somerset, BA11 4BH  
01373 462 126  
sales@curtisengineering.co.uk  
www.curtisengineering.co.uk

### Dormar Fabrications (Bilston) Ltd

Jubilee House, Halesfield 2, Telford, Shropshire, TF7 4QH  
01952 585 736  
kshepherd5@btinternet.com

### Hilro Consulting Ltd

The Outhouse, Yewden Farm, Mill End, Hambleden, Oxfordshire, RG9 6RJ  
01491 571 770  
info@hilroconstruction.co.uk  
www.hilroconstruction.co.uk

### I. Bailey Steel Buildings Ltd

81, Burton Road, Derby DE1 1TJ  
01332 650757  
www.ibaileysteelbuildings.co.uk

### Industrial Building Solutions Ltd

64 Azura Close, Woolbridge Industrial Park, Wimborne, Dorset, BH21 6SZ  
01202 822 337  
info@indbs.co.uk  
www.indbs.co.uk

### J.D. Richmond and Son Ltd

46, Parsonage Road, Horsham, West Sussex, RH12 4AN  
01403 266 124  
richmond.46@btinternet.com

### J A S Construction

2 Tettaridge Gate, Launceston, PL15 9QX  
01409 255 787  
jas.construction.js@gmail.com  
www.jasconstruction.co.uk

### John Edwards

Beudy Singrig, Rhydymain, Dolgellau, Gwynedd, LL40 2BP  
01341 450 688  
cefnbraich@aol.com

### Key Projects Ltd

Unit 5, Smallbrook Farm, Hereford, Herefordshire, HR2 9TP  
01981 250672/ 07584 102970  
info@keyprojectsltd.co.uk  
www.keyprojectsltd.co.uk

### Leith Hill Plant Ltd

Oakwood Mill Farm, Stane Street, Ockley, Dorking, Surrey, RH5 5LX  
01306 628 412  
info@lhpl.co.uk, www.lhpl.co.uk

#### **P. Phillips Contractors Ltd**

Bumble Cottage, 6 Hilltop, Tillington, Petworth,  
West Sussex, GU28 9AQ  
01798 343 392  
pphillipscontractorsltd@gmail.com  
www.ppcontractorsltd.co.uk

#### **Re-Cladding UK Ltd**

Works, Unit 4, Building 9, Preese Hall Farm  
Weeton, Near Kirkham, Lancashire, PR4 3HT  
07980 897 000  
sales@recladdinguk.com  
www.recladdinguk.co.uk

#### **Redwing Structures (Marlow) Ltd**

Willow Cottage, Spurgrove Lane, Frieth, Oxon,  
RG9 6PA  
01494 880857  
david@redwingmarlow.co.uk  
www.redwingmarlow.co.uk

#### **Scotts of Whittington Ltd**

Great Whittington, Tyne and Wear, Newcastle  
Upon Tyne, NE19 2HP  
01434 672 288  
office@scottsofwhittington.co.uk

#### **Southcon (Kingstone) Ltd**

Gooses Foot Business Park, Kingstone, Hereford,  
Herefordshire, HR2 9HY  
01981 251 251  
sales@southconkingstone.co.uk  
www.southconkingstone.co.uk

#### **Steel Build Masters Ltd**

Pig Lane, Bishop's Stortford, Hertfordshire,  
CM22 7PA  
0800 368 9100  
sales@steelbuildmasters.co.uk  
www.steelbuildmasters.co.uk

## Affiliate Members

Individuals or companies that are allied to the rural and industrial design and building industry, most likely offering a consultancy service

#### **A.C.P. (Concrete) Ltd**

Wood Lane Business Centre, Uttoxeter,  
Staffordshire, ST14 8JP  
01889 598 660  
sales@acp-concrete.co.uk  
www.acp-concrete.co.uk

#### **Blue Dice Solutions Ltd**

Denham Marina, 100 Acres, Sanderson Road,  
Uxbridge, Middlesex, UB8 1NB  
07877 092 117  
dpayne@bluedicesolutions.co.uk  
www.bluedicesolutions.co.uk

#### **Carter Jonas**

82 Micklegate, York, Yorkshire, YO1 6LF  
01904 558207  
laura.graham@carterjonas.co.uk

#### **Cow Plan Ltd**

Rayens Close House, Long Ashton, Bristol,  
BS41 9HL  
07751 050158  
ivor@cowplan.com  
www.cowplan.com

#### **Fisher German Chartered Surveyors**

The Estates Office, Norman Court,  
Ashby-de-la-Zouch, Leicester, Leicestershire,  
LE65 2UZ  
01530 412 821  
andrew.jackson@fishergerman.co.uk  
www.fishergerman.co.uk

#### **Haston Reynolds Ltd**

Coniston House, 20 Suckling Green Lane, Codsall,  
Wolverhampton, WV8 2BL  
01902 840548  
ian@hastonreynolds.co.uk  
www.hastonreynolds.co.uk

#### **James Dick Agriculture**

1 Netherby Road, Cults, Aberdeen, AB15 9HL  
07801 953066  
jamesdick@jamesdickagriculture.co.uk

#### **Promar International Ltd**

Hill View, 63 Wells Road, Glastonbury, Somerset,  
BA6 9BY  
07971 119034  
paul.henman@genusplc.com  
www.promar-international.com

#### **RDA Consulting**

1 MacDowall Street, Suite 2.26 & 2.27, Paisley,  
PA3 2NB  
0141 561 7299  
rdaconsulting@btconnect.com  
www.rdaconsulting.co.uk

#### **Savills (UK) Ltd**

Olympic House, Doddington Road, Lincoln,  
Lincolnshire, LN6 3SE  
01522 508 970  
dmorris@savills.com  
www.savills.com

#### **Savills (UK) Ltd**

28 Castle Street, Dumfries, DG1 1DG  
0113 378 7675  
rhenderson@savills.com  
www.savills.com

#### **Shand Building Design Ltd**

The Grieves House, Schivas, Ythanbank, Ellon,  
Aberdeenshire, AB41 7TN  
01358 761 377  
douglas@sbdLtd.co.uk  
www.sbdLtd.co.uk

#### **Singleton & Co.**

31 Cadley, Marlborough, Wiltshire, SN8 4NE  
01672 514 241  
guy.singleton@singletonandco.co.uk

#### **Slyne Consulting Ltd**

The Office, Tiverton, Lancaster Road, Slyne,  
Lancaster, LA2 6AL  
01524 935085  
info@slyneconsulting.co.uk

#### **Stephenson & Son**

York Auction Centre, Murton, York, Yorkshire,  
YO19 5GF  
01904 489 731  
steph.hall@stephenson.co.uk  
www.stephenson.co.uk

#### **Trustees of Chatsworth Settlement (Yorkshire Estate)**

Estate Office, Bolton Abbey, Skipton, Yorkshire,  
BD23 6EX  
01756 710 227  
estateoffice@boltonabbey.com

## College Member

#### **Newcastle University**

Agriculture Building, Newcastle University,  
Newcastle upon Tyne, Tyne and Wear,  
NE1 7RU  
0191 208 7428  
jeremy.franks@ncl.ac.uk  
www.ncl.ac.uk/nes/undergraduate/agriculture/

## Provisional Member

#### **East Anglia Steel Fabrications Ltd**

Unit 20, The Dock, Ely, Cambridgeshire, CB7 4GS  
01353 666 201

## Honorary Members

**Andrew Cooke**  
**Alastair Hardwick**  
**Tony Hutchinson**  
**Malcolm James**  
**Clive Mander**  
**Chris Pearce**  
**Jim Loynes**  
**Geoff Simpson**

## Concessionary Members

**Arthur Brazel**  
**Ian Gill**  
**Peter Hardwill**  
**Roger Henderson**  
**Nicholas Parry**  
**David Wood**



**Advertise in the  
journal to reach your  
target audience.**

**25% discount for first  
time advertisers.  
Quote Journal25**

**T: 0844 249 0043**

**E: marketing@ridba.org.uk**

**W: ridba.org.uk**

# Refurb & repair problems – solved!



Replacement rooflights to match any profile  
Warehouse, Heathrow



GRP barrel vault rooflights – perfect for curved roofs  
Distribution Centre, Kent



Lightweight GRP over-roofing  
Water company depot, Yorkshire



Simpler, more cost-effective roof refurbishment  
Industrial Unit, Wiltshire



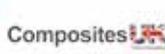
Safer rooflight replacement with no roof access  
Factory, Middlesex



Roof refurbishment and canopies  
Byker Wall Estate, Newcastle-upon-Tyne

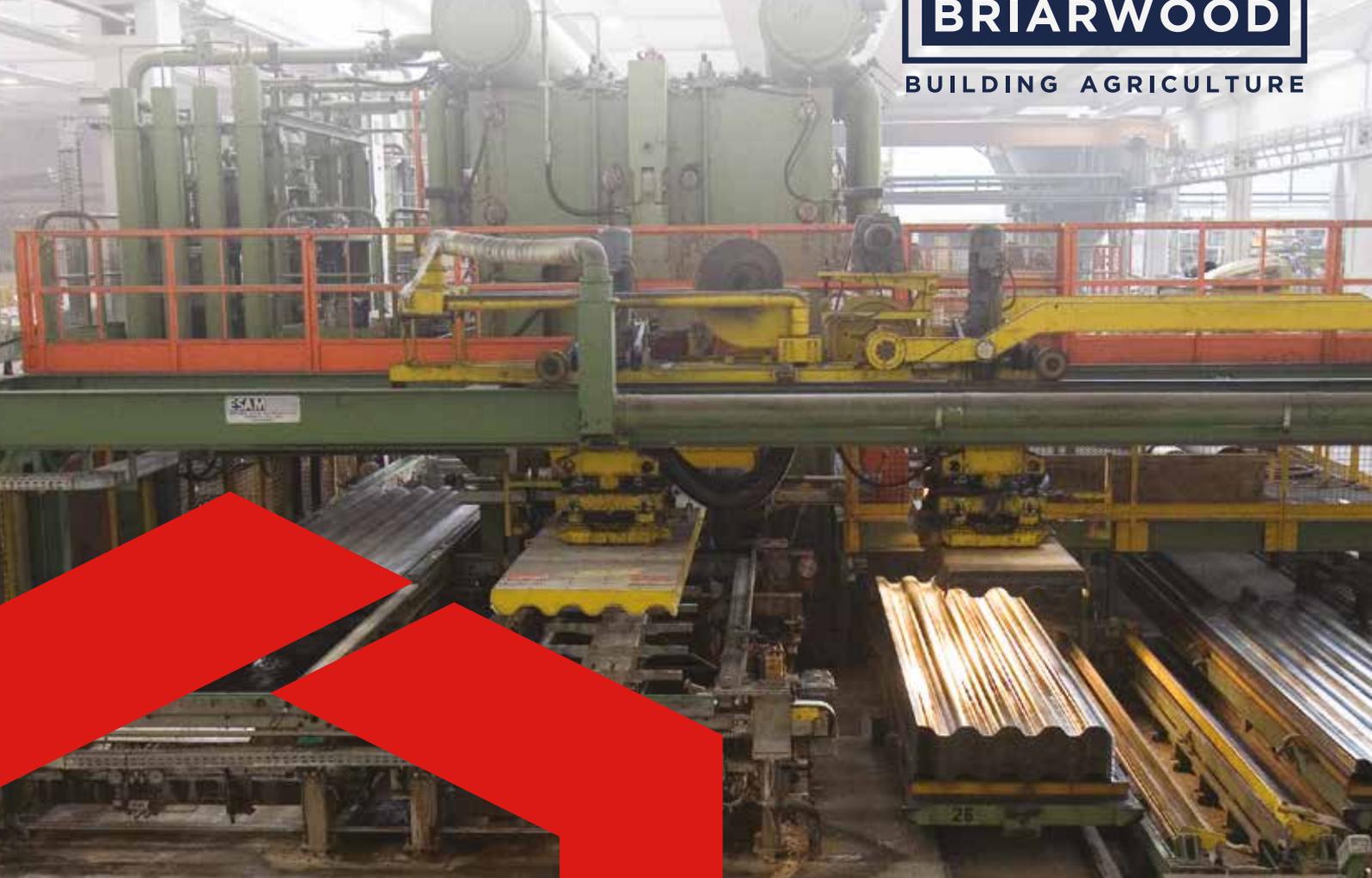
All these diverse, demanding refurbishment challenges have one thing in common. In each case, the solution was a specifically designed GRP sheet or associated product supplied by Filon Products: the building envelope refurbishment problem solver.

...please call us for details or to discuss your project, on **01543 687300**



# FILON®

# FIBRE CEMENT SHEETS AND BUILDING COMPONENTS



## WHY CHOOSE BRIARWOOD?

- UK's Largest Supplier
- BBA Certified and Tested to British Safety Standards
- Stock Stored in Dedicated Warehouse
- Expert team to Facilitate your Project
- Fast Order Fulfilment
- Support for Rapid Turnaround
- Nationwide Delivery Direct to Site

## OUR PRODUCTS

- Eurosix Fibre Cement Profiled Sheets
- Eurofive Fibre Cement Profiled Sheets
- Metal Profiled Sheets
- PVC Rainwater systems
- GRP Rooflights
- Timber Purlins
- Steel Purlins and Sections
- Fixings
- Obsolete Profiled Sheets



[www.briarwoodproducts.co.uk](http://www.briarwoodproducts.co.uk)



[sales@briarwoodproducts.co.uk](mailto:sales@briarwoodproducts.co.uk)



01934 641 446