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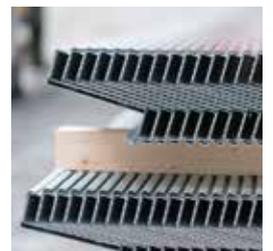
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## A Word from the Editor

### Looking Ahead to Brighter Times

It doesn't seem like a year since our first message about the impact coronavirus was starting to have. After the Government announcement back in February, we can all look forward to adjusting to a new way of life as things start getting back to normal. We have been pleased to support a number of members over the past year get through the pandemic, whether it has been sharing the latest Site Operating Procedures to keep sites open or offering advice about the workforce and furloughing, and access to the wide range of helplines on offer.

We announced this time last year that the RIDBA Industry Day was postponed from the initial April 2020 date, and we find ourselves in the same position, as the event has now been postponed until April 2022. We will still be holding the RIDBA AGM virtually on Thursday 22 April.

In February, RIDBA took part in the Build UK campaign to #StopReverseVAT. Whilst the campaign achieved huge industry-wide support, the Government did not answer our call and the Reverse VAT system came into effect from 1 March. Hopefully you would have seen the guidance issued to help businesses prepare for this, and please get in touch if you need any support.

By the time this reaches you, the deadline for entering the RIDBA Building Awards would have passed. We have received some fantastic entries, and the short-listing process is taking place in April with the winners being announced at the Awards Ceremony scheduled to take place on 30 September at the Macdonald Hotel in Manchester.

A significant change is coming up for RIDBA in the next few months. As you may know, Build UK currently provides the Secretariat service to

RIDBA, and this will be coming to an end on 30 June 2021. After five years working together, it is time for a change, and more about the new provider will be coming very soon.

In this edition of the Journal, we have our regular contributions from RIDBA Consultants: Jamie Robertson (Livestock) looks at building design for young cattle on pages 6-7, and Martin Heywood (Technical) explores the recently introduced UKCA mark post-Brexit on pages 14-15.

On page 9, AHDB addresses the environmental impact of farming activities and introduces the new initiative, the Slurry Investment Scheme.

On page 22 you can find updates from Build UK on the recent wider construction industry changes including updates on Reverse VAT and IR35.

Thank you to our advertisers, who have continued to support RIDBA over the last year, so I would ask readers to please take a moment to look at their products and services on offer.

We love to receive member news so please continue to send your latest news to [marketing@ridba.org.uk](mailto:marketing@ridba.org.uk).

Finally, if you need any support from RIDBA, please contact me on 0844 249 0043 or email [debbie.iley@ridba.org.uk](mailto:debbie.iley@ridba.org.uk).

*Debbie Iley, Trade Association Director*



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## RIDBA Chairman Reflects on a Challenging 2020 and Looks Ahead to 2021

It goes without saying, that the last year has been a challenging year for all, and a lot of industries have been hit hard by the unprecedented changes the coronavirus pandemic has introduced, as well as adaptations businesses have had to face as a result of changes, such as Brexit and the recently introduced VAT reverse charge. In times like these, support is vital, and being a part of a Trade Association has offered members just that. The support offered by RIDBA over the past year has been a huge helping hand, and this has been proven by the uptake in new members joining the association. We are delighted to welcome these new member companies.

We are likely to have all felt overwhelmed at some point during the last year by the vast amount of information, rules and guidance that has been published as a result of the many changes we have seen. RIDBA has tailored this information, ensuring that it is relevant for members, and kept us up to date throughout. This has included alerting members of any updates made to the Site Operating Procedures, which construction sites have had to follow closely to ensure employees are kept safe, as the industry continued to work through the pandemic. RIDBA has also ensured that members have been able to travel to work by providing templates for authorisation letters, as well as other guidance to allow us to operate as effectively as possible. Many members have let us know just how valuable this information has been.

Not only has RIDBA supported members' safety at work through the pandemic, but it has also endeavoured to improve the safety of the agricultural industry at large. The HSE Workplace Fatal Injuries Report for 2019 reported agriculture to be the second highest sector for workplace fatalities, following construction. In September 2020, RIDBA was invited to attend and present at the All-Party Parliamentary Group (APPG) on Working at Height meeting, which focussed specifically on working at height in a rural environment. RIDBA also played a key role in the Farm Safety Partnership (FSP) Twitter takeover and shared its guidance and best practice through their social media platform. Sales of the Farm Buildings Handbook, republished in 2019, continue to rise, allowing us to influence the wider industry and promote best practice.

On 1 January 2021, Britain left the EU, which has resulted in many key changes for our sector. RIDBA has always strived to ensure CE marking compliance is a top priority in the rural and industrial

buildings industry and continues its partnership with Trading Standards this year. Now that changes have been made to this standard it is vital that members are aware and remain compliant. RIDBA's Technical Consultant, Martin Heywood, produced guidance on the new UKCA mark which has been a valuable source of information for RIDBA members. Members have also been kept updated on other new regulations through the sharing of Build UK guidance and being directed to Build UK's dedicated Brexit site. Martin also wrote an important article on the changes to the National Structural Steelwork Specification (NSSS), which was revised last year.

On 1 March 2021, the construction industry also saw the new Reverse Charge VAT legislation introduced. RIDBA worked closely with Build UK to campaign against the introduction of the legislation through the #StopReverseVAT campaign, which reached over 2 million social media users during February 2021. Now that the legislation has come into force, members must ensure they are aware of the changes and RIDBA has shared guidance and checklists on this.

However, after a challenging year, with the road to recovery, we can now see a way out and are looking towards a more prosperous 2021. We are delighted to be holding our biennial RIDBA Awards in Manchester on Thursday 30 September and the RIDBA Industry Day in early 2022. After many event cancellations and postponements, I look forward to seeing the industry coming together at these much-anticipated events.

On a final note, RIDBA is embracing change this year. After five years of working with Build UK to provide a Secretariat service to the association, RIDBA will be moving over to a new provider from 1 July 2021. I would like to thank Build UK, and especially Debbie Iley, for the excellent service they have provided us for the past few years. Members will be contacted directly with more information about this significant change.



**Neil Fox**  
RIDBA Chairman



Image Courtesy of Briarwood

## Design for Youngsters

There was deliberate direction in my last article published in the December issue of the RIDBA Journal, with the various targets of sustainability, hygiene management, and the acknowledgment of labour requirements at the design stage. Good design should allow the resources applied after a building has been constructed to be safe for the inhabitants, safe for the user, safe for maintenance tasks and have a sustainable impact on the environment. The owner and the investor, will require the design to provide profitability for the business and to mitigate any factors that might produce a negative response from the authorities.

If we take the factors listed above and apply them to the health and welfare of livestock, there is much to consider. Some items are relatively easy to apply, such as rules on stocking density, a requirement to keep stock in discrete groups but without causing injury, and therefore solid pen divisions and gates and components that last over time. For young cattle there is a requirement to allow stock to see each other but ideally have no nose-to-nose contact. Floors should inspire confidence of movement but not be so harsh that they create foot problems and become an additional factor in the average £330 loss per cow case from foot issues.

I alluded to a specific problem in the last article, related to some building designs that make it intrinsically difficult to maintain suitable levels of hygiene for maintenance of good health, namely appropriate hygiene. The poultry industry, and to a significant level in the pig industry, have embraced the requirement for good building hygiene by adopting systems that balance building and room design along with group sizes that allow all-in, all-out (AIAO) management. Animals of the same or similar ages enter a clean pen, grow to a size that hits maximum permissible stocking densities ( $\text{kg}/\text{m}^2$ ), and then over a few days or weeks, the pen is emptied for enough time to allow effective cleaning. Once the pen or building is dry, the process can start again. The design works to support good health. However, many aspects of cattle systems have not yet reached this level.

Losses in cattle systems can be high, and variable costs rise, labour efficiencies decrease, and the working environment can become stressful. Research from 1990 indicated that when pneumonia is present in young cattle, the increase in labour to manage each case of pneumonia contributed to 14% of the financial losses. The negative cost to stock people is indicated by the fact that ill health

in stock is top of the list of factors that people dislike about their work with livestock. Health can be supported with vaccination and medication, but the environment has a major role to play.

As mentioned previously, the increase in size of cattle buildings can lead to a natural increase in risk from spreading disease pathogens. Large buildings and pens may be provided at a reduced cost per  $\text{m}^2$  at the construction stage compared with smaller units, but over the lifetime of the building it may become less efficient. The challenge is to persuade the farmer producer that sometimes small is better, and will provide a better and more sustainable financial return.

So here is a challenge for those working in the agricultural sector. There is an absolute requirement for competent buildings for young cattle in the UK, and around the world. Let us look at the facts. The mortality rate of dairy calves and replacement heifers from day 3 to 60 (i.e. from 3 days old to 60 days old), 61 to 365, and 366 to first calving was 5.5%, 7.4%, and 8.7%.

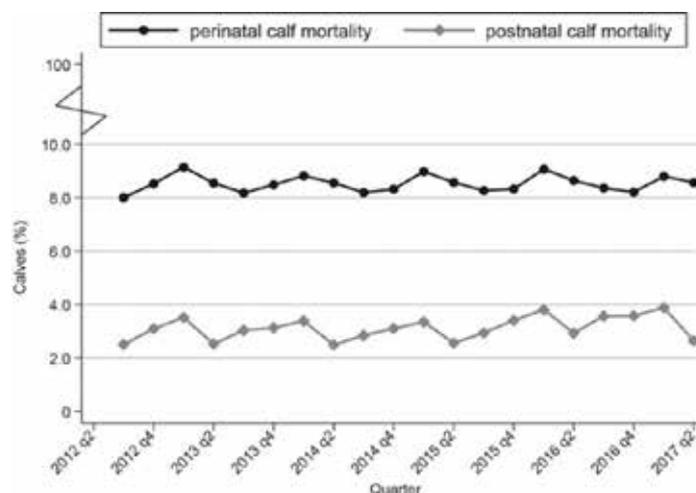


Figure 1. Perinatal (before the moment of ear-tagging) and postnatal calf mortality ( $\leq 14$  d) in Dutch dairy herds per quarter in the period from July 1, 2012, to June 30, 2017.



Fig 2. Calf hutches



Fig 3. Calf Pods

The data is from China's dairy industry, but the UK has been there too. That is a 20% loss in the youngstock population before they have the opportunity to produce a calf and milk, and start to repay more than two years of investment costs. Figure 1 shows losses of calves in the Netherlands, home to a very advanced agricultural industry, amounting to a steady 10% per annum. Recent data from the UK show that 25% of all mortality on cattle units takes place in the first 3 months, with 6% mortality in female dairy calves. Mortality data is the tip of the iceberg, because animals that are affected but survive (morbidity) result in a massive financial loss to the industry. The final statement from the UK research group involved in the study that "Environmental conditions play a significant role in calf mortality rates and further research is needed to explore how to optimize conditions to reduce calf mortality rates in GB."

Whilst the researchers gather the money and do the research, I am pointing directly at the building sector and saying there is a significant gap in the market here. The youngstock sector in northern Europe and America/Canada has made considerable use of calf hutches (Fig 2), leading to widespread use on dairy farms in the U.S.A., Europe and the UK. The data shows that businesses use hutches because of the measured improvements in animal health compared with traditional fixed housing. Hutches are easy to clean, and provide easy to apply AIAO practice. Low unit cost allows numbers of hutches to be adapted to any changes in throughput of calves. All true, but might this be a reflection on the poor design of alternative youngstock housing? Consider the winter wind and rainfall data from the South West of England, Wales, Scotland and Ireland, where most of our dairy herds are located? Lovely working conditions on a sunny day; slightly less so on a dark, wet November afternoon with a gale blowing. And don't even mention diffuse pollution.

Figure 3 is an example of a European-style approach, with significant benefits to stock over some systems. But some of the savings on construction costs compared with a fixed structure are steadily lost to rainwater ingress and the impact of air speed on calves in the winter months. "Environmental conditions play a significant role in calf mortality rates..." Of course they do. Figure 4 shows a building designed for youngstock in UK conditions, 12 months of the year. It certainly will have a higher capital cost than hutches or calf pods but it tackles the full design requirements of suitability for the livestock,

hygiene management, working environment and management of variable costs compared with other available systems. There is opportunity here. The rural buildings sector may prefer a small number of contracts that involve large areas of floor covered by an even larger area of roof, and plenty of steel, but there is a gap in the market. The cattle sector needs help for youngstock, and the building sector can provide that thinking small, detailed, and sold on performance.



Fig 4. Calf Mono. Fixed structure designed specifically for calves



Jamie is an Honorary Research Fellow at the University of Aberdeen, and has worked in the area of environment and animal health for 35 years. Jamie is available to RIDBA members for discussion and guidance on matters related to building design and animal health.

Jamie Robertson. Livestock Management Systems Ltd.  
Contact [jamie@ridba.org.uk](mailto:jamie@ridba.org.uk)

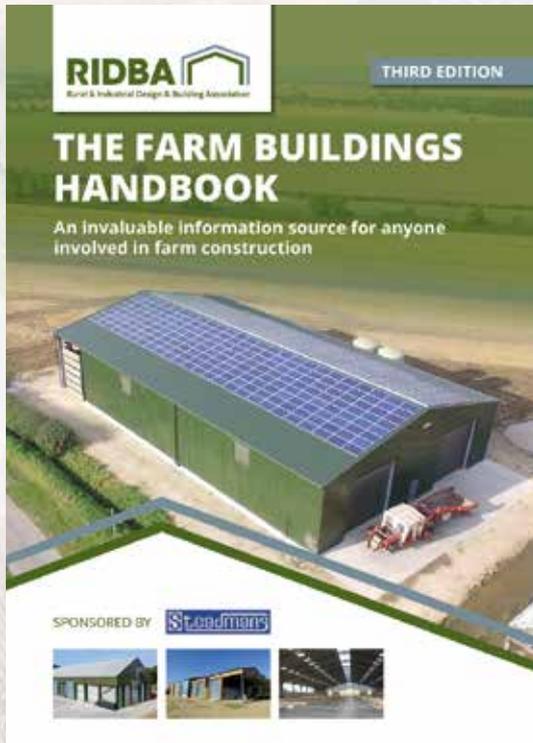


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## Industry News



# Environmental Impacts of Farming Activities

Environmental issues are continuing to climb the agenda of our policy makers, retailers and consumers resulting in an increased focus on farming's environmental impact. Although the attention is currently concentrated on global warming, greenhouse gases and carbon, there are other aspects of environmental impact receiving attention.

There is a drive to reduce diffuse pollution to improve water quality and air quality, both of which are impacted by farming activities. I have written previously in this Journal about the Government's Clean Air Strategy, published in January 2019, which detailed specific requirements to be met by farming. These included, among others, the need to cover all slurry stores by 2027 and for new livestock buildings to meet low ammonia emission design standards.

These design standards will inevitably take the form of low emission flooring systems, which are designed to allow rapid drainage of liquids, away from solids, to reduce ammonia being formed. However, there are concerns about the lack of knowledge and understanding about what constitutes low emission flooring and what might be available to meet the emission thresholds.

Dutch authorities have been testing the emissions associated with various designs for many years so we find ourselves having to rely on their data and in some instances, their products, to meet this need. The specification is likely to require the floor product to have ammonia emissions of under 9.5 kilograms (kg) ammonia (NH<sub>3</sub>) per year per animal (equivalent to 25% reduction from a reference level). This emission factor can be evidenced, for example, by a RAV official test reference number demonstrating compliance with The Dutch Ammonia and Livestock Farming Regulation.

The College of Agriculture Food and Rural Enterprise (CAFRE) in Ireland has produced a record of low emission flooring systems available in the UK. It lists 17 flooring systems including solid floors, slatted floors and rubber floors, with emission factors ranging from 6 – 9.1 kg HN<sub>3</sub> per animal place per year. Six of them had UK distributors, at the time of writing.

There will be a huge gap in the market for low emission flooring products waiting to be filled, accentuated by their inclusion in the current round of Countryside Stewardship Capital Grants Scheme. Low emission flooring and automatic scrapers are specifically targeted with grant funding to encourage their uptake. Applications will need support from the local Catchment Sensitive Farming Officer and are only available in high priority areas initially. The priority areas for ammonia are the Special Areas of Conservation (SAC) or Special Protected Areas (SPAs) and can be found on the Government site, Magic Maps - Catchment Sensitive Farming: reduce water and air pollution - GOV.UK ([www.gov.uk](http://www.gov.uk)).

Grant funding will also be available through a new initiative, The Slurry Investment Scheme, which will be open to applications later next year. The aim is to encourage investment in slurry storage and equipment which goes beyond the statutory minimum requirements, hoping to reduce the risk of over filling. Qualifying stores will need to provide 6 month's storage and include a cover. This is a much-anticipated development and farmers may be delaying this type of investment, waiting for funding to be available and ultimately causing a log jam when it does.

Details of this scheme will be released later this year and funding won't be available until 2022 but experience suggests that these funding opportunities have only short windows. A huge spike in demand for farm infrastructure often brings challenges for farmers as well as the construction supply industry. Forward planning may help reduce the scramble when it comes.



### David Ball

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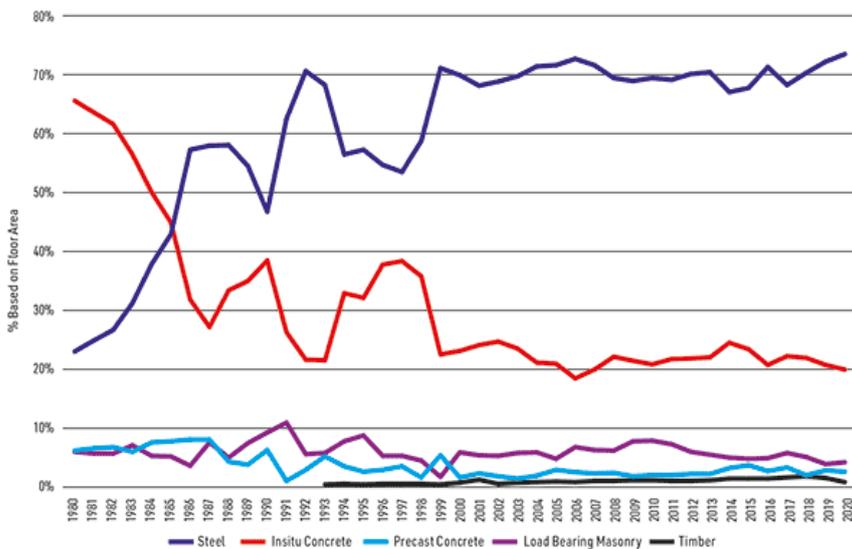


## Industry News

### Steel Performs Well in Constrained Market

Structural steelwork increased its market share in key sectors during 2020, despite most areas of the construction industry severely contracting due to the COVID-19 pandemic.

According to the Market Share Survey, which has been produced by independent researchers Construction Markets since 1980, demand in most construction sectors fell by over 20% last year, but steelwork fared well in this weakened market.



The key sheds market was down 23.7%, compared to 2019, with a total floor area of 9,113,000m<sup>2</sup>. However, steelwork's market share rose from 92.2% in 2019 to 92.4% in 2020.

According to many developers, this sector is expected to perform well in 2021, due to the knock-on effect of the pandemic lockdown, which has seen the demand for distribution centres increase, partly because of the rise in online shopping.

The multi-storey market was down 22.6% from 2019, but steelwork's overall share increased from 64.3% to 64.7% in 2020.

Steelwork managed to increase its share in most multi-storey sub-sectors, with a 1.4% market share rise in offices, to an all-time high of almost 74% in 2020. In the retail sector its share was up by 5.5%, in leisure up by 3.6% and in health up by 0.5%.

The residential market fell by 24.7% in 2020, but steelwork's share for low-rise apartments increased by 3.1% compared to the previous year to 12.5%, which equated to a floor area of 265,000m<sup>2</sup>.

See [www.newsteelconstruction.com](http://www.newsteelconstruction.com).

### Guide to UKCA marking post-Brexit Available

A new free guide that highlights how the steel construction sector can easily meet the requirements of UKCA marking, as well as detailing the straightforward process for continuing to comply with the Construction Products Regulation, which is the legal basis for both UKCA and CE marking, has been published by the British Constructional Steelwork Association (BCSA) and Steel for Life. Entitled Steel Construction UKCA Marking, the publication is available for free download from [www.steelconstruction.info](http://www.steelconstruction.info).



Major changes have been made to the system of conformity assessment for construction products following the UK's exit from the European Union and the ending of the transition period on 31 December 2020. All construction professionals, main contractors, and clients need to be aware of the changes to what was the system for CE marking of construction products that had been in force since 2014.

CE marking continues for products placed on the EU market, which includes the Republic of Ireland. However, for products placed on the market in Great Britain (GB), comprising England, Scotland and Wales, a new system of UKCA marking has been introduced, although CE marking will continue to be recognised in GB until the end of 2021.

The free downloadable guide explains in detail what UKCA marking is, how it will work for the steel construction sector, and how you can ensure that you and your supply chain are compliant with the new legislation. It also covers the slightly different arrangements that apply in Northern Ireland.



## Industry News

### Managing Welding Fumes on Farms

Farm businesses must understand and mitigate the health and safety risks associated with fumes produced during welding and other metalwork tasks to protect the long-term health and wellbeing of workers.

Rightly, there has been a lot of attention around farm safety recently, as the number of fatalities making the headlines continues to shock. While addressing the causes of these preventable deaths – mostly from accidents involving machinery, working at height and livestock – should remain a priority, a silent killer also deserves urgent consideration.

#### Carcinogen

In 2017, the International Agency for Research on Cancer (IARC) published a summary of a very large and comprehensive study in *The Lancet Oncology*, which classified welding fumes as “carcinogenic to humans”.

The study linked exposure to welding fumes by welders and other workers with an increased risk of lung cancer, while more limited evidence suggests it may cause kidney cancer, too. It has long been known that hot work with stainless steel produces carcinogenic fumes, largely because of its 11% minimum chromium content, and specialists working with the alloy have been mitigating risks accordingly.

However, Stephen Britton of the Health and Safety Executive (HSE) says the most significant thing about the new research and guidance

is that it incorporates fumes created by all metals, including mild steel. This is a game changer for farmers, because it is the most common type of steel used in the production or modification of agricultural machinery, equipment and even buildings.

#### No Safe Limit

In addition, no safe exposure limit has been established, so all welding fumes need to be controlled in some way and in any situation.

“Welding mild steel is much more hazardous than first thought, and even where welding is an ad-hoc operation, some thought on how risk can be reduced is required,” he explains.

When HSE brought in new workplace guidelines last year, there was a big drive within the engineering sector to get companies up to speed with welding safety regulations.

A similar drive in agriculture was set for this year as part of wider campaigns, but unfortunately the COVID-19 pandemic has made it more difficult for HSE to get out on farms to help businesses understand and control welding fume risks.

However, it will be a key priority once the pandemic is over, so farmers should take action now to protect themselves and avoid a fee for intervention (FFI) or, worse, penalties for actually harming people.

For the full article see [www.fwi.co.uk/machinery/farm-maintenance/workshop-skills/managing-welding-fumes-on-farms-all-you-need-to-know](http://www.fwi.co.uk/machinery/farm-maintenance/workshop-skills/managing-welding-fumes-on-farms-all-you-need-to-know).

### Health & Safety Executive Cracks Down on Dust

Health and safety inspectors across Great Britain targeted construction firms to check that their health standards were up to scratch during a month-long inspection initiative, which started in October 2020.

As in previous years, inspections focused on respiratory risks and occupational lung disease; looking at the measures businesses have in place to protect their workers’ lungs from the likes of asbestos, silica and wood dust. This is part of HSE’s longer term health and work strategy to improve health within the construction industry.

The construction initiative was supported by HSE’s ‘Dustbuster’ campaign, aimed to influence employer behaviour by encouraging builders to download free guidance and advice, increasing knowledge and capability to protect workers’ health. More than 3,500 builders die each year from cancers related to their work, with thousands more cases of ill-health and working days lost.

HSE’s chief inspector of construction, Sarah Jardine, said: “Around 100

times as many workers die from diseases caused or made worse by their work than are actually killed in construction accidents.

“Our inspection initiatives ensure that inspectors are able to speak to dutyholders and visit sites to look at the kind of action businesses in the construction industry are taking right now to protect their workers’ health, particularly when it comes to exposure to dust and damage to lungs.

“There are a few simple things that everyone can do to make sure they are protecting their health and their future. Be aware of the risks associated with activities you do every day, recognise the dangers of hazardous dust and consider how it can affect your health. We want businesses and their workers to think of the job from start to finish and avoid creating dust by working in different ways to keep dust down and wear the right mask and clothing.”

For the full article see <https://press.hse.gov.uk/2020/09/24/health-and-safety-executive-cracks-down-on-dust/>

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## Industry News

# How Safe is Work in Agriculture?

The agricultural industry in Great Britain employs around 1% of the work force but has a poor safety record with disproportionate numbers of workplace injuries, both fatal and non-fatal, considering the numbers employed in the industry.

### What do the HSE statistics say about farming?

The HSE recently published its annual report on safety statistics. The report shows that the number of fatal injuries in agriculture for 2019/20 stands at 20 deaths out of a total of 111. The numbers in agriculture are the second highest behind those recorded for the construction sector. Agriculture accounts for about 20% of all workplace deaths that occurred in Great Britain last year.

Agriculture employs about 1% of the UK workforce but many other industries employ more people. To get a meaningful comparison between industries employing varying numbers of people it is better to look at injury rates as a percentage of the total workforce. This is commonly expressed as a fatal injury rate per 100,000 employed.

Using this measure, agriculture has the poorest safety performance compared to any other industry in Great Britain. In respect of 2019/2020 the injury rate per 100,000 employed in agriculture is 5.96 per year but the all industry average was only 0.34.

Looking at injury rates over a 5-year period the figure for agriculture is 7.73 compared to an all industry average of just 0.42.

The rate for agriculture is significantly higher than the all industry rate. In fact, the rate of fatal injury in agriculture is 18 times higher than the all industry average and shows that whatever the reduction in fatal injuries last year over the figures in previous years there is still a long way to go when compared to other industries.

### What are the causes of fatal injury in agriculture?

The main causes of death and serious life-changing injuries in agriculture have remained constant over the years. Workplace transport, contact with livestock, machinery and falls from height feature as the top causes every year.

### What are the messages to farmers?

The NFU and other industry stakeholders are working to promote safety within agriculture, to change attitudes and behaviours and promote best practice. Messages that are being promoted to farmers to help reduce injuries suffered as a result falls from height are:

Avoid roof work or work at height maintaining buildings. Do as much as you can from the ground e.g. use extending equipment to clear

gutters. Avoid doing the work yourself. Use a professional contractor with the knowledge, skills equipment, and experience to safely work at height on buildings.

On very rare occasions where roof work or building maintenance at height cannot be avoided make sure the work is planned and carried out by people with the right training and equipment. For example, trained and experienced people using a mobile elevating work platform or scaffold.

Do not be tempted to use the wrong equipment. Being lifted on the forks or bucket of a telehandler is illegal. Often injuries suffered in the workplace are described as accidents but a better word to describe them is 'incidents'. The reason for this is because many of the workplace injuries could have been avoided if risks are identified and steps taken to remove them completely or mitigate when they cannot be removed altogether.

This article was written for the No Falls Foundation by Tom Price from the Farm Safety Partnership. See <https://nofallsfoundation.org/>.

## Charity Aims to Save Lives by Stopping Falls

The No Falls Foundation, the UK charity dedicated to preventing falls from height and helping people affected by the life-changing impacts of a fall, has published a new support pack signposting advice, guidance and support for anyone suffering the consequences of a fall.

It has also announced that 2021 will see work begin on creating the No Falls Charter, a unique initiative which embodies best practice taken from existing policies, regulations, standards and guidance. Intended for adoption and implementation by industry at large, it will enable companies to make a tangible commitment to preventing falls and to make that commitment both visible and demonstrable.

Throughout the year the Foundation will also continue to advocate for the introduction of a more comprehensive system of recording falls from height to better inform policy making, best practice and equipment design in the future.

Dedicated exclusively to the work at height sector, the latest issue of the charity's free e-newsletter Saving Lives is now available. It covers all aspects of height safety and a round-up of what's making the news in the world of working at height. To subscribe visit [www.nofallsfoundation.org](http://www.nofallsfoundation.org).



## Technical Update

# UKCA Marking of Construction Products



In July 2013 the Construction Products Regulation (CPR) came into force in the UK, bringing with it compulsory CE marking for many construction products. Steel frame manufacturers had some breathing space, since compulsory CE marking for fabricated steelwork was not introduced until July 2014 when BS EN 1090-1 became mandatory. Over the next few years, CE marking became the norm for most construction product manufacturers and steelwork fabricators and their notified bodies settled into a routine of regular audits. Then along came Brexit, tipping over the applecart, and forcing me to write yet another article on this subject!

At 11 pm on New Year's Eve 2020, the UK left its transition period with the European Union (EU) and ended its membership of the EU's Single Market. With the completion of this Brexit milestone, the UK no longer has to comply with EU regulations, including the Construction Products Regulation (CPR). This means an end to CE marking in Great Britain and the introduction of a new UKCA (UK Conformity Assessed) mark. Note: This change does not apply to Northern Ireland, which remains inside the Single Market and so retains CE marking. The aim of this article is to introduce UKCA marking to the reader and compare and contrast with the CE marking that it replaces. Fortunately, there are many similarities.

### Overview

As things stand, the UK legislation more or less mirrors the provisions of the CPR, so the same basic principles apply. As before, the scope covers all construction products manufactured by some kind of process within a factory environment, which are then placed on the market for incorporation into the permanent works. It does not cover items made using traditional craft methods or bespoke specialist items not manufactured by a regular process, but almost everything else is within scope. The reference to "permanent works" means that the product must form part of the finished building and should not be easily removable. Furthermore, site-based construction activities are out of scope, even if they follow standard processes, so for example, bricks and blocks are within scope, but brick walls built on site are not. Steel frames are included within the scope of the legislation, despite the fact that they are often custom-made to suit the requirements of a particular building. This is because they are manufactured using a regular process within the fabrication shop (e.g. cutting, drilling, welding, etc.) even though the dimensions of the frame and detailing of the connections may vary.

At the heart of CE marking and UKCA marking is a declaration by the manufacturer that the product complies with all relevant

EU regulations and directives or UK alternatives. To demonstrate compliance, construction products are assessed against the following product characteristics:

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 will be applicable to all products and manufacturers should seek guidance from the appropriate harmonised standard, where available.

In theory, the CE or UKCA mark is applied to the product at the end of the production process and before it leaves the factory gate, although in practice it is quite likely that the mark and corresponding performance information will be contained in the accompanying documentation or on the packaging. The mark applies to the product as it exists when it leaves the factory gate, or technically speaking when it is placed on the market. It is, therefore, a declaration by the manufacturer relating to the product as sold, not necessarily as used. The end users can do whatever they wish to the products once they take possession of them, but the manufacturer will no longer be responsible for the performance of the product.

### Fabricated steelwork

Under the CPR, products are CE marked to a harmonised standard (hEN), which for fabricated structural steelwork is EN 1090-1. Since Brexit, the harmonised standards have been replaced in the UK by 'Designated Standards', but for the time being at least these will be identical documents, so EN 1090-1 still applies. The Designated Standards contain the high level requirements for UKCA marking along with the means of assessment for each of the requirements. These form the basis of the Factory Production Control (FPC) document against which the steelwork fabricator is audited.



EN 1090-1 references 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 UKCA marking (e.g. erection tolerances).

It is worth emphasising that EN 1090-1 specifically applies to steel and aluminium structural elements (e.g. beams, columns or portal frames), so the scope does not include requirements for protection against noise or energy economy and heat retention, both of which are matters for the building envelope. The design of the steel frames does not have to be included within the UKCA marking process, since there is an option within EN 1090-1 to simply state the geometry of the members and material properties in order to allow the client's engineer to verify the adequacy of the design. Clients also have the option to design the steelwork themselves, in which case the frame manufacturer simply needs to declare that the frame has been fabricated to the client's design. These routes, however, are only available where the client employs a fully qualified structural or civil engineer to act as designer. For the vast majority of agricultural buildings, the responsibility for design lies with the frame manufacturer, so the design procedure should be included within the audited FPC processes.

### What's changed since Brexit?

At the most basic level, the act of leaving the European Union (EU), and its single market, means that EU regulations have been replaced by new domestic legislation. For construction products, this means replacing the CPR with two new pieces of legislation:

- Construction Products (Amendment etc.) (EU Exit) Regulations 2019
- Construction Products (Amendment etc.) (EU Exit) Regulations 2020

The new regulations essentially translate the CPR into UK law, but with changes to reflect Great Britain's new status outside the EU's single market. From 1 January 2021, all UK notified bodies operating under the CPR were granted new UK 'approved body' status and are listed in a new UK database. As noted above, the harmonised standards have been replaced by UK designated standards, but for structural steelwork the appropriate standard is still EN 1090-1. It is worth noting that the design standards are not affected by Brexit, so designers should continue to use the Eurocodes (they remain the officially approved design standards in the UK).

Under the new rules, the UKCA mark will need to be applied to most goods placed on the market in Great Britain (England, Wales and Scotland) that previously required CE marking. This includes

most construction products. The UKCA mark alone cannot be used for goods placed on the Northern Ireland market, which require a CE mark or the new UKNI mark. The technical requirements and conformity assessment processes (e.g. audits) are largely the same as they were for CE marking, so manufacturers should not need to amend their manufacturing or testing procedures if their products are currently CE marked. They should however contact their 'approved body' to make the necessary arrangements to switch from CE to UKCA marking, i.e. to update their CE marking documentation.

UKCA marking came into effect on 1 January 2021, but to allow businesses time to adjust to the new system, manufacturers will still be able to use CE marking until 1 January 2022 in most cases. From 1 January 2022, however, CE marking will not be recognised in Great Britain, and all products placed on the GB market will need to possess the new UKCA mark. The UKCA mark is not recognised on the EU market, so products will need a valid CE mark to be sold to the EU. It is important to note that these changes do not apply retrospectively, so CE marks on existing products manufactured before 1 January 2021 remain valid. Similarly, goods placed on the EU market before 1 January 2021 can continue to circulate until they reach their end user provided that they have a valid CE mark.

Further information may be found at: <https://www.gov.uk/guidance/construction-products-regulation-in-great-britain> and <https://www.gov.uk/guidance/using-the-ukca-marking>

#### 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](mailto:Technical@ridba.org.uk).**

## Taking on Project Management – What Could Go Wrong? And What Could It Cost You?

When it comes to investing in a steel building it can be tempting to coordinate everything yourself. You know someone who can prepare the groundworks, you have a steel building ordered, and a company lined up that can handle the construction. And it might be as straightforward as that. If so, that's great! However, based on our years of experience, we are aware that things are often more complex.

What starts out looking like a straightforward project can be beset by a range of issues that can throw everything off course, with a resulting cost in terms of time and money. So, what needs to be taken into account?

### Planning and preparation

Managing a steel building construction project starts with understanding what you need out of the building. That helps you to get specific about things like size, capacity, position, lighting, access, and so on.

It's essential the right plans get to the right people. For example, if changes are made to the building design this needs to be reflected in the groundworks, and if you have separate contractors dealing with each of those things, that information needs to be passed on. When it comes to hiring contractors, you need to do your due diligence: are they who they say they are? Do they have the correct qualifications? Will they provide risk and method statements? Are you confident that they have the knowledge and experience to safely erect your steel building?

Problems can arise if elements of the project are overlooked, due to not knowing they were needed or assuming one of the contractors had that covered. From planning permission and building control, to booking the plant and organising onsite welfare facilities, there's a whole raft of issues that need to be factored in. And, of course, not having any one of these elements in place can result in downtime and have an impact on your completion date.

### Construction

Once planning and preparation are complete and work begins in earnest, there are a number of things to keep on top of.

You'll have to liaise between contractors and coordinate their schedules to make sure they are all onsite at the right time. If one is running behind, are subsequent contractors able to adjust their schedules to suit or will this result in downtime?

You need to be confident that the site meets health and safety requirements and that there are, for example, sufficient welfare facilities in place. The requirement is for toilets, washing facilities, drinking water, and facilities for rest. Each person who will work on site also needs a site induction and to be made aware of the site rules.

As the project progresses, you need to keep in touch with the site daily to ensure good health and safety practices are maintained and that progress is as it should be, and also to forecast any future issues/delays that will need to be dealt with.

There are many small elements that can slow a job down, including:

- errors or delays with skip hire/waste removal,
- delivery delays or breakdown with plant, either on or off site,
- not having the right teams on site on the right days, and
- delayed delivery of materials or receiving damaged goods.

You need to be able to manage those and the resulting delays, to keep the project on track.



### The Costs of Getting it Wrong

If something does go wrong, that can signal the beginning of a round of finger-pointing and laying blame. A contractor might claim they didn't do something you expected them to because it wasn't allowed for in the quote or it just isn't something they do. Sometimes they may have a point. For example, the grouting of the bolts in the footings is usually left for the groundworker, but the work requires a return visit – would you notice if that wasn't in the quote?

When the DPL team manage a complete project all these things are taken care of. This avoids the 'in-between' elements being overlooked. These seemingly small details can lead to delays. A day's delay might not seem like much but if you have workers standing idle, you may be charged an additional day's labour, and an extra day's plant hire. Then there's the impact on other contractors' schedules to factor in. All of this has a cost in terms of time and money. In addition, if your completion date is impacted, you need to consider the effect that will have on your business?

### A Holistic Approach

DPL takes a holistic approach to project managing the design and construction of a steel building. Rather than dealing with a series of contractors, each of whom is an expert in their own area and concentrates only on that, we can look at the job as a whole – including how the building will be used when it is finished – and understand what elements are most important and how things can be improved.

As we've discussed, there are many strands to a steel building design and construction project that need to be coordinated and managed. DPL has the experience to handle the entire project, from start to finish. And should something unexpected or unwelcome happen, we'll bring you a solution, not a problem.

Get in touch to hear how we can help through [www.dplsteelbuildings.co.uk](http://www.dplsteelbuildings.co.uk).





# STAY SAFE

*with GRP rooflights from Filon*

## Safety is at the front and centre of our product policy:

- ✔ Our technical expertise has contributed directly to UK rooflight **non-fragility** classification over decades, with Filon personnel playing key safety roles in influential trade associations including NARM (National Association of Rooflight Manufacturers) and ACR (Advisory Committee for Roofsafety).
- ✔ Our unique, patented **Fixsafe system** is the only solution that allows profiled rooflights to be safely installed from within the building envelope, without the need to access fragile roof areas.
- ✔ We offer a range of **fire grades** to provide compliance with Building Regulations.
- ✔ Our **Supasafe** triple reinforced rooflights provide high impact resistance, spanning and load-bearing capabilities.
- ✔ We're the UK's longest established manufacturer of profiled rooflights by continuous process, with a successful track record of excellence in design, product performance and customer support. As you'd expect, we're also currently employing **Covid-secure** working practices throughout our operations.
- ✔ Filon: truly a **'safe pair of hands'** for specifiers.

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## Northumberland Engineering Firm Expands with Opening of Newcastle Office



From left: Paul McKenna (Finance Director), Graeme Wilson (Managing Director), Melanie Brown (Commercial Estates Manager for Adderstone Group), Gordon Wilson (Managing Director) and Richard Wilson (Director) all Glendale Engineering, outside the company's new offices at The Fleming in Jesmond, Newcastle.



Northumberland engineering firm, Glendale Engineering, which specialises in the planning, design, manufacture and erection of structural steel, is expanding its operations with the opening of a new office in Newcastle, in line with a move which will see the business take on more staff.

Glendale Engineering, which cites Asda, Aldi, Johnnie Walker, the NoMad Hotel in Covent Garden and the RVI Hospital in Newcastle upon Tyne amongst its client list, has opened a new office which will house up to six staff within The Fleming in Jesmond, Newcastle which is owned and managed by Adderstone Group.

Over the last five years Glendale Engineering, which was founded in Wooler in Northumberland in 1984 by brothers Gordon and Graeme Wilson, has undergone significant growth. The company's turnover has increased from £4.7m to £9.3m in line with significant recent investment in plant and on the back of a number of multi-million-pound contract wins across the UK.

Their move to the refurbished, Grade II listed Fleming building in Jesmond, which Adderstone Group acquired in 2019, means that the company will be even better placed to manage their relationships with Newcastle-based clients.

Glendale's Finance Director, Paul McKenna said: "This new office will assist us in our continued growth plans for the business. We have been acquiring more and more work in Newcastle and we felt the time was right to invest in a new office to complement the main operation in Wooler and our outposts in Hexham and Doncaster. We hope this new office also demonstrates a level of business confidence in the North East."

Melanie Brown, Commercial Estates Manager at Adderstone Group, said: "We're delighted to welcome the Glendale team to one of our refurbished office suites here at The Fleming. Glendale's continued story has been very impressive and we love to partner with growing businesses."

Glendale Managing Director, Graeme Wilson, said: "We have a large staff at our main site in Wooler, with works that can manufacture over 100 tonnes of steel per week. Due to ever increasing orders we started looking for a base to expand our presence in the area and when the opportunity came to be in such an iconic building as The Fleming we jumped at the chance."

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

## Broiler Houses Home Over 40,000 Birds

Fourth-generation arable farmer Will Oliver started groundworks in April 2019 ahead of the construction of four poultry sheds by Powell & Co. The new poultry site, on the 800ha farm, houses four 110x20m steel frame sheds that each hold 48,000 Ross broiler, and have individual control rooms. Other structures include amenity buildings; a plant room, a gatehouse (office, kitchen and biosecurity portal), and an incinerator.

Internally the sheds are fitted out with a Fancom combi-ventilation system with the climate-control units kept in the control room to prevent dust and moisture from getting inside them. Each shed has 138 side inlets, 12 roof chimneys and eight belt-driven fans at the gable end. A 250kW solar installation, with panels on two of the four poultry shed roofs, generates 206,610kWh/ year of electricity used to meet the energy demands of the ground-source heat pumps installed in all four sheds.

### Why Powells?

"Being from a family business, communication and attention to detail is very important to us. For me, Powell & Co excelled in these areas and so far, the after service has been great. Nothing is a problem, and they are only a phone call away. We are delighted with the performance of the sheds which each house 48,000 birds supplied to Avara Foods. One of the key objectives of the project was to have a site that has been designed with the opportunity for future expansion." Will Oliver, Elms Farm Poultry, Leicestershire.

Discover more about Powell & Co Broiler Houses:

[www.powellbuildings.com/buildings/broiler-houses/](http://www.powellbuildings.com/buildings/broiler-houses/)



## Investments and Developments at United Roofing Products

2021 is set to be a strong year for United Roofing Products. Devon's leading manufacturer of roofing sheets is making some significant changes.



The business has designed and planned a substantial investment to upgrade and modernise their flashing and fabrication production facility, enabling the family-run business to provide their customers with an even better service in 2021 and beyond. With machines arriving and being commissioned over the coming weeks, the team have planned the implementation to minimise any disruption to the day-to-day operation.

The investment doesn't end there, with more plant planned over the coming months. What's more, a new logo and company identity have also been designed, and a brand-new website is now in production. The new site will focus on ensuring visitors and customers can find all the information they need to make informed decision about URP's extensive product range.

For more information, please email [michaelsellers@sigplc.com](mailto:michaelsellers@sigplc.com) or call **07974 623237**.



Eternit Profile 6 on Knocknagael Farm

## Is Fibre Cement the Right Choice for Your Farm Building?

Eternit are the original fibre cement profiled sheeting manufacturer with over 100 years of partnership with the British farming community.

They are the market leader and the only supplier to manufacture in the UK. Eternit fibre cement profiled sheets are formulated and designed specifically for Great Britain's unique climate and to serve the needs of the British farmer.

Manufacturing in the UK allows Eternit to keep their supply chains short and their quality control high. Where possible raw materials are quarried local to their factory in Cambridgeshire minimising both encapsulated carbon and the risk of disruptions due to international transport, exchange rate fluctuations, global pandemics, or any other unforeseen circumstances.

When you choose Eternit sheets you are not only protecting the contents of your building, you are also protecting the budget of your build.

Because Eternit fibre cement profiled sheets are not subject to instability in the price of steel, international transport costs or currency fluctuation you can be sure that the price of their sheets will be stable from specification to completion. This means that when you price a building with Eternit fibre cement you can do so with confidence.

Throughout 2020 whilst the industry saw the cost of steel and timber soar by almost 20%, Eternit were able to support our customers by maintaining stable pricing of our fibre cement sheeting.

Eternit fibre cement profiled sheeting has long been the best material for agricultural roofing, offering so many benefits over alternatives such as steel.

Eternit's unique semi-compressed fibre cement sheets can absorb up to 25% of their weight in moisture with this dissipating in the atmosphere. This is extremely important for the health of livestock

housed within the buildings. The cementitious sheets also have low thermal movement helping to regulate temperatures with the building. These properties, along with the Eternit range of ventilation details, help building designers to create the very best farm buildings to prioritise animal health and maximise yields and productivity.

With Eternit fibre cement sheeting you can have confidence in the durability of your roof. With no metallic content our sheeting will not rust or rot. Once an Eternit fibre cement roof is installed it requires absolutely no maintenance and will give an expected life of at least 50 years. In contrast metal roofs will require more maintenance and can suffer with corrosion particularly at fixing points and cut edges which can lead to expensive and extensive repairs.

The properties of Eternit fibre cement have long made it the best choice for British agricultural buildings. With UK manufacturing and stability of supply and pricing it also wins the economic argument. When choosing the material for your next building choose Eternit fibre cement profiled sheeting to maximise your investment.

If you have a project that you would like to discuss, please call **01283 501555** or visit **eternit.co.uk**.



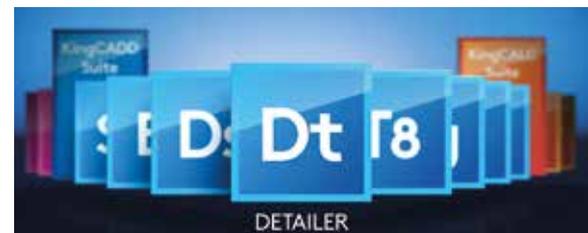
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# Complete Building Envelope Solutions featuring Kingspan RW Pitched Roof System



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To assist you achieve the optimum construction solution working in the 3D BIM domain, Kingspan has developed KingCADD - a suite of innovative digital tools for today's connected construction environment. KingCADD drives a 'Model First' methodology, providing more efficient ways of working; increasing productivity; and, saving time, money and resources.

For more information and to see what KingCADD can do for your next project, contact us now [BIM2@kingspan.com](mailto:BIM2@kingspan.com) for your KingCADD demonstration.

**Kingspan Insulated Panels' RW Roof system is a factory-engineered system for very fast specification, 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.

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## Furloughed Staff Member Builds App in his Own Time

Barnard Castle based S&A Fabrications Ltd, have launched a new and bespoke app for use by their sales and estimating team, which will allow them to price buildings in a matter of minutes on their android phones and tablets.

Managing Director, Simon Pelly, explains “at shows and out on visits, we are regularly asked to give indications of price on a potential project. Sometimes we can make a guesstimate based on experience but traditionally we have come back to HQ and worked it out. We would then write to the customer and follow it up with a phone call.

The time and expense in getting over that initial hurdle and putting a figure on the table can be huge.

Estimator, Daryl Hodgkinson, who came to S&A from an IT business, saw this issue and decided to try and develop an app in his own time, while furloughed from the business during the COVID-19 pandemic. “I saw how United Products used software to price their cold rolled buildings and thought we should be able to use a similar principle” comments Daryl. It’s taken Daryl a great deal of time and effort to develop this app and once back at work, he was given the opportunity to test it and get it working effectively.

The app is very straight forward, the user inputs specific dimensions, chooses different finishes and internals and the app provides an immediate kit price as well as an erected price. This quote can then be emailed straight to the customer and the information is stored on



central servers for future reference. The app is updated by connecting back to the estimating system at base which is updated with material costs and rates regularly.

“COVID has opened our eyes to working at a distance from the office and my concern for some time now has been the cost of estimating a job. The app, I hope, will present the quick figure that will sort the jobs worth perusing and those that are simply being passed around and are won solely on price” says Simon Pelly, “it also means when the show scene resurrects, we can quote customers immediately on site. Daryl’s efforts are really to be commended”.

[www.s-and-a.co.uk](http://www.s-and-a.co.uk)

## The South West Welcomes Briarwood Supplies, A Brand-New Builders Merchant with a Difference

Briarwood Supplies Builders Merchants, a subsidiary of the well-established roofing supplier Briarwood Products recently opened its doors to its new site in Highbridge, Somerset.

Due to a growth in demand for Briarwood’s readily available building components, the company took the decision to open the new dedicated Builders supply depot to replace the existing trade counter at the Briarwood Products Headquarters. Based on the Isleport Business Park, Bennett Rd, Highbridge. Briarwood Supplies will service both the local trade and public in the South West region.

As a family-run business Briarwood Supplies will operate under the same ethos as Briarwood Products, providing its customers with the same knowledgeable friendly customer service that Briarwood has built a reputation for. Thanks to the stock support, and buying power offered by Briarwood Products, Briarwood Supplies offers stock and prices to rival its competitors, providing a huge range of PVC guttering and underground drainage, sealants, fixings, tanalised timber, zed purlins and tools as well as the Briarwood flagship fibre cement profiled sheets and a huge range of metal profiled sheets. There is also a large range of factory seconds available. All in stock for quick turnaround.

“Briarwood Supplies is here to offer a complete solution for industrial, agricultural and domestic building materials. We noticed that many of the products that our customers use on a daily basis have limited stock availability in the South West. With Briarwood Supplies, everything that is needed is stocked, on the ground, available to collect within minutes. Opening our own dedicated supplies outlet providing easy access to both the trade and the general public seemed like the next logical step for the Briarwood group.” Oliver Janes, Managing Director. Briarwood Supplies is now open to

customers and is also currently taking orders by phone and email, for delivery and collection. Items are also available via Briarwood Supplies eBay Store, and Facebook marketplace with an eCommerce website going live soon.

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





## Latest Industry News

### Red Diesel Rebate to End in 2022

The Government has confirmed that construction will no longer benefit from the rebate on red diesel from April 2022 onwards. Despite concerns raised by industry that some equipment, particularly heavy plant, is not available, the Government states that the change “should also act as a signal to manufacturers to design and sell new alternatives, thereby creating a more competitive market and consequently bringing down the price of these alternatives.” Users of red diesel will need to run down their existing stocks before 1 April 2022 and should not stockpile, as fuel put into vehicles and machinery after this date will be considered illegal and liable for penalties.

### Reverse VAT Introduced

Reverse VAT came into force on 1 March and RIDBA members should make sure they have read Build UK’s practical guide to understand how the legislation affects their business. If you haven’t already, use the online checklist to make sure you have taken the necessary actions, including updating your invoices with the required information.

HMRC has confirmed it will ‘apply a light touch’ when dealing with any errors made over the first six months of the legislation, provided that companies can demonstrate they have tried to comply and acted in good faith. To assist, it has published flowcharts for both buyers and suppliers to help them identify when Reverse VAT should be used.

### Paying Deferred VAT

RIDBA members that deferred VAT payments between 20 March and 30 June 2020 can join the VAT deferral new payment scheme by 21 June 2021, which will allow them to pay their deferred VAT in up

to 11 equal interest-free instalments, depending on when they join. Companies must pay the first instalment upon joining the scheme before making subsequent payments via Direct Debit.

### Upcoming Changes to IR35

Changes to the IR35 rules were introduced on 6 April 2021 and medium and large organisations employing workers through an intermediary now have responsibility for determining a worker’s employment status. This is a fundamental change to the off-payroll system and Build UK has published a checklist of the actions that businesses need to take, as well as a practical guide which provides an easy to read overview of the new rules.



Contact Build UK at [info@builduk.org](mailto:info@builduk.org) or follow on social media for all the latest updates:

 [@BuildUK](https://twitter.com/BuildUK)

 [www.linkedin.com/company/builduk/](https://www.linkedin.com/company/builduk/)

# WHY CHOOSE A RIDBA MEMBER?



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### Companies that manufacture steel or timber framed buildings

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01988 700 000  
heather.vance@3bconstruction.co.uk  
www.3bconstruction.co.uk

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

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

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info@ajlowther.co.uk  
www.ajlowther.co.uk

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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  
alan.jukes@alanjukes.co.uk  
www.alanjukes.co.uk

#### Andenor Ltd

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

#### Balsham (Buildings) Ltd

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01223 894 404  
mickg@balsham.uk.com  
www.balsham.uk.com

#### Bowie Lockwood Structures Ltd

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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, Driffield, Yorkshire, YO25 9PF  
01430 810 210  
enquiries@colleyfarmbuildings.co.uk  
www.colleyfarmbuildings.co.uk

#### Collins Design & Build Ltd

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01981 240 682  
info@collinsdb.co.uk  
www.collinsdb.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

Unit 7, Brisco Burn Business Park, Longtown, Carlisle, Cumbria, CA6 5TR  
01228 711 318  
office@csfab.co.uk  
www.csfab.co.uk

#### D G Ashley Ltd

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01377 270 525  
D6ash@aol.com

#### D Jones Welding

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

#### DeVille and Lear Ltd

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

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

#### East Anglia Steel Fabrications Ltd

Middle Drove, Marshland St James, Wisbech, Cambridgeshire, PE14 8JT  
01353 666 201  
james@eastangliasteelfab.com

#### Ellerington Engineering Ltd

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01964 550810  
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www.elleringtonengineering.co.uk

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Enterprise Way, Sherburn in Elmet, Leeds, LS25 6NA  
01977 685 566  
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leng@xlninternet.co.uk  
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01409 221 445  
yellandaccounts@btconnect.com  
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01772 785 252  
Jim.Rogerson@farmplus.co.uk  
www.farmplus.co.uk

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01261 821 288  
stuartadd@btinternet.com

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www.glendaleengineering.co.uk

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07837 958 144  
gltroof@ymail.com

#### Hemmings Construction Ltd

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01594 517 161  
martin.hemmings@yahoo.co.uk

#### Jaques Int Ltd

The Old Hatchery, Shobdon Court, Shobdon, Leominster, Herefordshire, HR6 9LZ  
01568 708644  
enquiries@jaquesint.com  
www.jaquesint.com

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01352 741 843  
daviescoed@aol.com

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

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01828 686 265  
alistairreid@knappfarmbuildings.co.uk  
www.knappfarmbuildings.co.uk

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sales@lancashire-steelbuildings.co.uk  
http://lancashire-steelbuildings.co.uk/

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www.mdanthony.com

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info@minshallconstruction.com  
www.minshallconstruction.com

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01291 672334  
enquiries@morspan.co.uk  
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01665 710 746  
anthony.nelson@northernstructures.co.uk  
www.northernstructures.co.uk

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stev.butler@talktalk.net

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pmckenna\_agri\_servis@hotmail.com

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www.prestonsteelstructures.co.uk

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www.doakco.com

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fabs@s-and-a.co.uk  
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www.skiddersengineering.co.uk

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Info@tpmetcalfe.co.uk  
www.tpmetcalfe.co.uk

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www.tilkeengineering.co.uk

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info@timminsagricultural.co.uk  
www.timminsagricultural.co.uk

**Titan Steel Ltd**

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info@titansteel.co.uk  
www.titansteel.co.uk

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Michael.Hammond@cagroup.ltd.uk  
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www.worman-construction.co.uk

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DT6 3UX  
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lee.scragg@iae.co.uk  
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ian@infabrications.co.uk

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0121 5232 261  
dave@jestimber.co.uk  
www.jestimber.co.uk

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kevin@powellgee.co.uk  
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www.rjbarringtonltd.co.uk

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ashley.gurney@rnttanks.com  
www.rnttanks.com

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john@steelconnections.co.uk  
www.steel-connections.co.uk

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01332 545 800  
s.watson@strumis.com  
www.strumis.com

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lukeevans@unitedroofingproducts.com  
www.unitedroofingproducts.com

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WV13 1RZ  
01902 600 704  
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www.wedge-galv.co.uk

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info@wolfendenconcreteltd.co.uk  
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www.curtisengineering.co.uk

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### **I. Bailey Steel Buildings Ltd**

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www.lfpearceandson.co.uk

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leepbuildings@outlook.com

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