

INSIGHT

SERVING THE ROOFING INDUSTRY

FROM **SIG** ROOFING

RCI SHOW
JAN 2016
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THE ART OF ASSURANCE

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The Art of Assurance

This issue of INSIGHT focuses on how you can give your customers the assurance they need to ensure they choose use your services. It explains how you can provide assurance that you're using the best products for the job and that, if anything goes wrong, you will put it right.

Assurance and trust go hand in hand. Customers need to trust that you are able, efficient, professional and honest. If they trust you, they'll have faith in you to do a good job, and will be assured of a quality outcome. This edition is packed with information and ideas about how to give your customers peace of mind that you can do just that.

However, it isn't just customers who need assurance. You also need assurance that the products and techniques you use, and the warranties you rely on, are fit for purpose. You need to be confident that the materials you use are up to the job and that the appropriate cover is in place. That confidence then shines through to customers, giving them the assurance they need.

KEEPING THE CODE

Following revisions to the British Standard for Tiles and Fixings (BS 5534:2014), the industry has had to adapt how we do things. Here at INSIGHT, we've looked at some of the latest industry innovations and product solutions that can give you assurance you're working in a way that's compliant with the changes. From dry fix solutions that work at a low pitch, to one-piece clip and nails, you'll find something to help you tick those BS 5534:2014 boxes.

WINTER IS HERE

Winter can be a tricky time for roofers; products you normally rely on may not work at low temperatures and the shorter days mean your time is at a premium. Therefore it's important to know, in harsher weather conditions, which products work and which don't. In this issue, you can read all about the latest GRP solutions that work at low temperatures, and find out about the new foam adhesives and self-adhesive jointing tapes that can help you work more quickly and efficiently.

For editorial enquiries please contact the editor at insightmag@sigroofing.co.uk

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THE ROOFING COMMUNITY

There is a huge amount of support available to help you give your customers the assurance they're looking for. Organisations such as DATAC and CompetentRoofer, as well as events such as the RCI Show, are designed

to help the whole roofing community raise standards and achieve success. It's reassuring to know that you're part of a big team and that there's a whole raft of people you can turn to for advice, help and training. Read on for all the details...

Don't Forget...

You can flick to the back for a handy index of all our contributors and use our reader response card to make finding out more even easier.

IN THIS ISSUE:

- Find out how Redlands Innofix clip and Marley's Solofix clip and nail comply with BS 5534:2014
- Keep super dry with Hambleside Danelaw dry fix solutions
- Quality assurance through the ages with SIGA natural slate
- Cembrit explains the benefit of working with fibre cement slates
- Alutec share their 5 benefits of aluminium eaves systems
- Maximise the natural light in single-storey extensions with VELUX
- Soudatherm foam adhesives are the quicker solution for flat roof projects

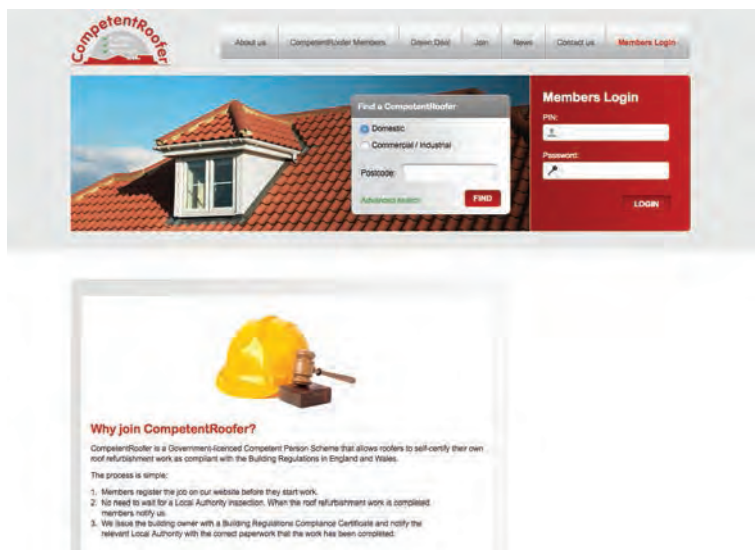
Our online home

Get a deeper insight into all things roofing at www.sigroofing.co.uk/insightmag

Roofing news

The latest stories from the world of roofing.

Give me five!



The CompetentRoofers scheme, which allows its members to self-certify their refurbishment work, recently celebrated its 5th anniversary.

Launched in 2010 with backing from the Department for Communities and Local Government (DCLG), CompetentRoofers has enjoyed great success in raising the profile of the roofing sector over the past five years:

- Signed up over 500 members
- Issued over 20,000 job notifications
- Saved millions of pounds in Building Regulation Compliance Certificates (BRCC) charges

Working with Local Authority Building Control (LABC) and other roofing

sector bodies has also enabled CompetentRoofers to successfully expand across the UK. The growing partnerships with Which Trusted Trader and TrustMark, as well as the continued backing of the DCLG, means CompetentRoofers Registered Contractors continue to 'Raise the Roof' on industry standards.

For more information on how joining CompetentRoofers could benefit you and to see the latest statistics, see pages 8 and 9.

Here's to the next five years!



Alumasc Rainwater publish new Technical Brochure

This highly informative new publication includes detailed information about all of Alumasc's market leading cast iron, aluminium and steel gutters and downpipes. By demystifying the range it helps you choose the best rainwater solution for your projects and you can benefit from the extensive technical support available.

in brief



The new brochure provides in-depth information on all aspects of AlumasC's rainwater solutions, including:

- Gutters
- Downpipes and associated fittings
- Technical data on;
 - New AX extruded aluminium gutter
 - New pre-fabricated steel outlet
 - Swaged aluminium downpipe range

You can download your free copy at www.alumascrainwater.co.uk/downloads/brochures

ALUMASC

RAINWATER SYSTEMS

New flanges from Ubbink make flat roof ventilation easier

When flat roofs were made up of either three layer felts or asphalt, the type of flange material used was set in stone. Not anymore.

With single ply systems becoming more popular, Ubbink have produced a new range of flanges that are suitable for today's wider choice of flat roof coverings. With something to suit all substrates, the aim is to help specifiers and installers source the correct flat roof vent or terminal to suit their project, and fit them with ease.

There are 3 new flanges to add to the existing range of felt and asphalt that Ubbink already offer:

- PVC
- EPDM
- Bitumen

They are compatible with all of the company's OFT1, OFT4 and OFT5 vents and terminals. The range offers high free vent areas, with a low Pascal resistance figure and suits domestic individual room fans, cooker hood extraction and whole house heat recovery ventilation.



So, with the variety of diameters to suit ventilation ductwork and new flashing materials, it has never been easier to select your flat roof vent or terminal.

ubbink

**For more information
please fill in the
reader response card**

ENQUIRY 1

The UK's No.1 Roofing, Cladding & Insulation Show!

Don't miss the RCI Show
in Coventry on the
27-28 January 2016.

The second instalment of this unique event brings together over 130 exhibitors from across the roofing industry, giving a unique opportunity to see first-hand all the latest ideas and innovations the industry has to offer.

A vast mix of manufacturers, suppliers, leading trade associations and governing bodies will all be there to showcase their latest products and valuable services. They'll provide guidance on how you can save time and money on site and answer key questions on business, industry and product-related issues.

The RCI Show is designed to help you find solutions and innovations that improve your

work and save you time and money. Stuart Base, Head of Marketing at SIG Roofing had this to say about the benefits of attending: *"Whether you're looking to see where your sector is headed, diversify into new areas, or simply work a bit smarter, you're guaranteed to discover something beneficial for you and your business during your visit. With free entry and so much relevant information readily available, it's set to be a success."*





The RCI Show brings together all the leading industry figures under one roof. It covers a wide range of roofing disciplines, including:

- Pitched
- Flat
- Liquid
- Single ply
- Green roofing
- Metal cladding
- Fixing & fasteners
- Insulation
- PPE and safety equipment

DEMO ZONES

The popular demo zones return even bigger and better! Ten manufacturers from various disciplines will be giving practical demonstrations of their latest offerings, so you'll be able to get up close and ask the experts.

HEALTHY DEBATE

Each day the show will host debates on some of the key issues affecting our industry. A panel comprising former Chief Executive of the NFRC, Ray Horwood, roofing consultant and RCI Technical Note author Keith Roberts, and representatives from leading manufacturer Kingspan and specialist contractor Prater will lead the discussions. The debates will cover how, as an industry, we can reduce call-backs on projects, as well as the importance of substituting with care, when it comes to specification. These are important issues impacting on projects throughout the UK, so make sure you don't miss out!

HOW TO FIND AND DEVELOP SKILLED WORKERS

Skills shortages and concerns around training continue to affect construction. The RCI Show has teamed up with the Construction Industry Training Board (CITB) to see what companies can do to find and develop skilled workers. With this in mind, you'll be able to visit the CITB drop-in clinic where experts will be on hand to answer any questions about taking on apprentices, funding for training, or up-skilling your workforce.

WHEN AND WHERE?

The RCI Show 2016 will be held at the Ricoh Arena, Coventry, on Wednesday 27th and Thursday 28th January.

The venue is easily accessible by car or train, and there is plenty of free parking available.

Entrance is free, and all attendees will receive a complimentary coffee and bacon roll upon arrival, courtesy of RCI Show partner SIG Roofing. A complimentary lunch will also be provided by Brett Martin.

Register to receive your **FREE** tickets at www.rcishow.co.uk/sig and you will automatically be entered into a prize draw to win up to **£250** each day to spend at SIG Roofing.



Competence builds confidence

How joining CompetentRoofer saves you time, money and assures your customers that they're in good hands.

The CompetentRoofer scheme is a Government - licenced Competent Person programme that allows roofers to self-certify their own roof refurbishment work as compliant with the Building Regulations in England and Wales. All jobs have to satisfy these regulations, so if you're not able to self-certify you'll need to get the Local Authority to sign your projects off as complete and compliant.

The scheme is managed by the National Federation of Roofing Contractors (NFRC) under licence from the Department for Communities and Local Government. Becoming a member is a great way to save time, money and give your customers further assurance of you and your services.

WHY BUILDING REGULATIONS MATTER

Building Regulations are minimum standards for design, construction and alterations to virtually every building. They are developed by the Government and approved by Parliament and are not something you can

disregard. If ignored the contractor could face a hefty fine and the cost of putting the work right. As a CompetentRoofer you can sign your work off as compliant and save yourself valuable time and money.

WHAT EXACTLY IS COMPETENTROOFER?

CompetentRoofer is an accreditation of the contractor's technical ability to meet the requirements of the Building Regulations. It is quite distinct from trade associations like the NFRC. While both do fantastic work for the industry, with members enjoying all the benefits they bring, you still need to become a member of CompetentRoofer before self-certifying your work.

The main membership benefit is that you don't need to wait for a Local Authority surveyor to inspect the work – saving you both time and money. The scheme covers all roofing types for domestic, industrial and commercial properties and anyone can apply (as long as you're a roofer!)

CompetentRoofer also issues insurance-backed guarantees on behalf of its members at no extra cost to the building owner!

WHAT HAPPENS WHEN I JOIN COMPETENTROOFER?

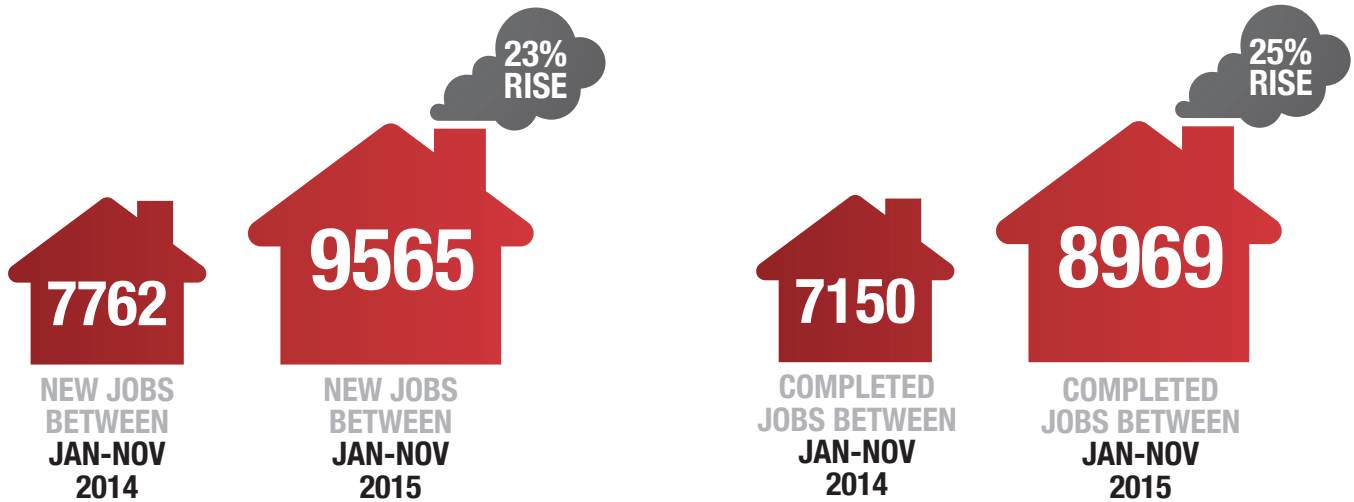
CompetentRoofer is open to all roofing contractors and once you apply for

membership a series of checks are carried out. These are followed by an audit of your site and quality management procedures, technical competence and health and safety practices. There's also an on-site inspection of work in progress. Members are fully vetted and inspected a minimum of twice per year, which gives your clients extra assurance that they're working with a reputable contractor.

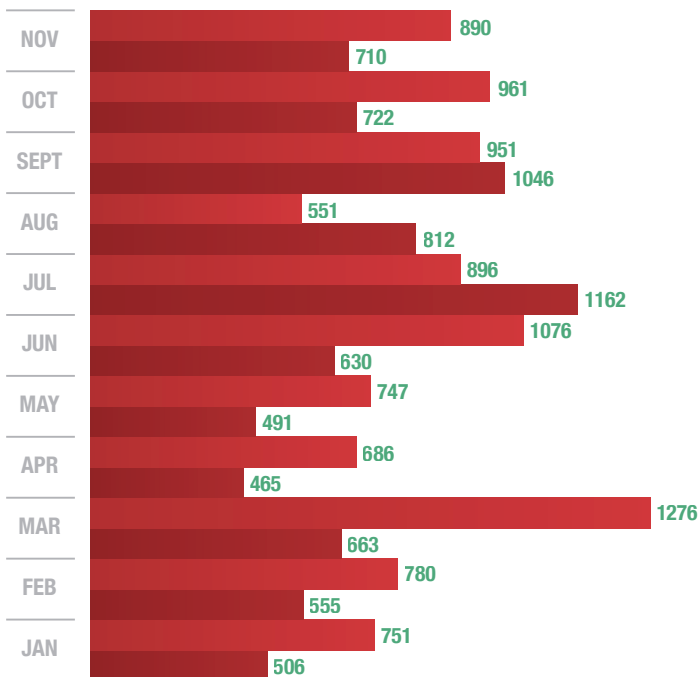
IS IT WORTH IT?

Yes. CompetentRoofer offers ease, flexibility and very low cost for notification of roofing refurbishment works. It's given contractors all over the UK a seriously competitive edge, and saved their customers significant amounts of money and, of course, time. Membership of the scheme also assures your customers that you're a credible, competent roofing company that provides quality work and peace of mind.

- Save time and money by being able to provide an all-in-one service to your customers
- No need for you or your customers to pay for a Building Control Officer
- Domestic works receive a 10 year insolvency warranty, included in the price
- You can include the cost of self-certification in your pricing
- Members are listed by Local Authorities

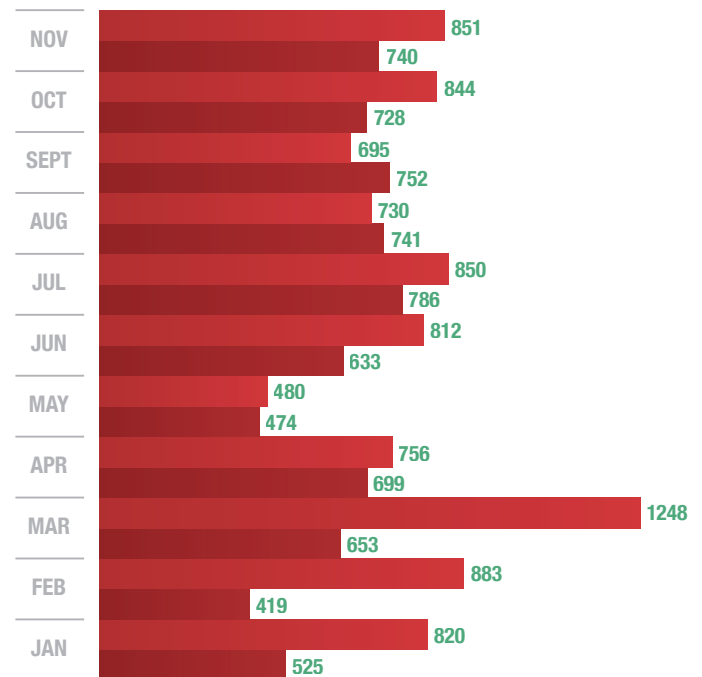


NEW MONTHLY JOBS



2014 | 2015

COMPLETED MONTHLY JOBS



JOIN NOW

Janine Brady, Marketing Manager at SIG Roofing recommends the membership: "CompetentRoofer has over 500 members who completed over 7500 jobs from January to October 2015. That's double for the same period in 2014. And, when you look at how it can help contractors, it's no surprise it's growing. After all, it can cost up to £400 each time you need to go to building control as opposed to £40 if you're

a member. It's a badge of assurance that shows you are a quality operator who can self-certify and save your contractor money, while giving them peace of mind. Everyone who can join, should!"

To find out more about how the CompetentRoofer scheme can give you a real competitive edge, visit www.competentroofer.co.uk.





Roofing Racers

Swim, cycle & run to the finish line

Next year sees the 10th anniversary since our very own Roofing Racers first dipped their toes in the world of the London triathlon. Are you up for the challenge?

Few things in life are quite as exhilarating and rewarding as the swim, cycle and run of the London Triathlon. A 750m dip in the River Thames, followed by a 20km bike ride, then ending with a 5km sprint to the finishing line is certainly no mean feat! So, it's all the more incredible that what started out as a light-hearted joke in a board meeting, has now grown into a key part of the roofing industry's calendar.

The Roofing Racers participation in the annual London Triathlon has turned into a glorious event that we can all be proud of. There were only around 20 participants

in their first year, but since then the event has gone from strength to strength as word has spread throughout the industry, fuelling friendly competition between colleagues, suppliers and customers. A decade on and the heroic efforts of all involved have raised over £420,000 for their two fantastic charities: Great Ormond Street Hospital (GOSH) and Macmillan Cancer Support.

BECOME A ROOFING RACER!

On bike, on foot or in water, the Roofing Racers take whatever Mother Nature throws at them and overcome it. It's a rare opportunity for everyone in our industry to come together and join in the spirit of the competition, reaping the rewards of fun, friendship, fitness and camaraderie along the way. And, you can be part of it!



Whether you want to take on all 3 disciplines alone or compete in a team of three, joining the Roofing Racers is a great way to get fit and have fun along the way. And, of course, every penny you raise goes to our charities, making the whole event even more worthwhile.

The event is open to all ages and backgrounds within the Roofing, Roofline and Windows industries. So if you're a first timer, sports enthusiast or an experienced triathlete all are welcome.

To find out more information about how to get involved at www.roofingracers.com.



High standards

The NFRC gives you access to a wide range of training, industry bodies and competitions to give you and your customers the assurance you need.



To maintain high standards of workmanship, sound business practice is essential for giving confidence to homeowners and roofing contractors alike. Therefore making sure your workforce are well trained, is not only an important element of running a successful business, it's also good for the industry as a whole.

That's why the National Federation of Roofing Contractors (NFRC) is such an integral part of roofing. They direct a significant amount of their resources to improving standards through training and skills competitions, and believe in training the workforce so the integrity of roofing is maintained.

In addition to access to free training courses provided to its members by the NFRC, as a member you can gain access to various training providers, including the National Construction Colleges (NCC), that are affiliated to NFRC. All have close relationships with the NFRC in regard to training and skills competitions. Here's how they can help you keep on top of your game.

SKILLBUILD

Skillbuild is the largest UK multi-trade competition for construction trainees and apprentices. The NFRC run the roofing competition with disciplines including reinforced bituminous membranes, roof sheeting and cladding and roof slating and tiling.

Find out more at www.nfrc.co.uk/nfrc-members/training/competitions

CONSTRUCTION INDUSTRY TRAINING BOARD (CITB)

The CITB helps companies improve their skills and competitiveness, reduce costs and recruit the best talent. They can help you:

- Find and join training groups to help develop your business
- Discover industry trends and changes
- Respond to bids
- Find funding for training and qualifying your workforce
- Run apprenticeships
- Attend Business Awareness Workshops

To find out more visit www.citb.co.uk

INSTITUTE OF ROOFING (IOR)

The IOR provides professional qualifications for all levels of competence in roofing. IOR membership gives you access to continuous training development so you can improve or establish a clear professional career path.

Why become an IOR member?

- Access to free Legal and Health & Safety Advice
- Eligibility for a Professionally Qualified Person (PQP) CSCS Card
- Establish a career path using existing and new qualifications
- Regular CPD sessions
- Industry recognised qualifications

To find out more visit www.instituteofroofing.org

REGIONAL ROOF TRAINING GROUPS (RTGS)

There are eight Regional Roof Training Groups located throughout the country, providing a range of courses including NVQs in roofing and CSCS certification. Members of each group can pool their training requirements enabling them to access courses specifically designed for them at a competitive cost and delivered locally whenever demand allows.

To find out more visit www.rooftraining.co.uk



ONE Roof. ONE Name. ONE Warranty.



SIG Roofing's single package warranty covers pitched roof performance for 15 years.

Wouldn't it be great to offer your customers a warranty that covers all the key elements of the roof in one simple package for no extra cost? Well SIG Roofing's ONE Warranty allows you to do just that.

ONE Warranty is a new single package warranty that covers the product performance for build-up of the roof from batten to roof coverings for 15 years. It combines the convenience of dealing with just one company throughout the whole process with the peace of mind that comes from working with one trusted brand.

As the strapline simply says: ONE Roof, ONE Name, ONE WARRANTY!

- ONE supplier for goods and warranty
- ONE warranty registration process
- ONE warranty for the roof
- ONE contact to process a claim

ONE Warranty offers your customers complete assurance that their investment is

protected. With industry leading products included such as;

- Roof coverings including SIGA Natural Slate and SIGnature Clay Roof Tiles
- Roofing Battens
- Underlays
- Fixings
- Ridges

Easy to understand and even easier to use, this single package warranty means that if anything goes wrong and you need to make a claim, you only have one warranty and one company to deal with. The unique warranty means, as a large or small contractor you can:

- Provide your clients with extra value, at no extra cost
- Gain an edge over your competition
- Enjoy reduced and simplified administration - from registration to claim
- Be confident in the quality of your single package warranty, backed by SIG, a FTSE 250 company

You can register for ONE Warranty today. To receive your membership and welcome pack, simply visit www.sigroofing.co.uk/onewarranty.

Once you've purchased and installed the products, register the completed job online to get your ONE Warranty certificate. It's as simple as that!

FIXER TILER

SIGA
Natural Slate

SIGNATURE[®]

Complete product confidence with SIG Assured

You may have noticed that the construction industry is moving extremely quickly. With new products coming into the market each week and legislation evolving at a dizzying pace, it can be tough to keep on top of everything. However, it is essential that you do. Compliance with Building Regulations and Codes of Practice isn't optional - it's the law.

Unfortunately, verifying product compliance documents is a laborious and time-consuming job. So, wouldn't it be great if somebody took all the hassle out of doing it for you? Well, we just happen to know somebody who can...

IN SAFE HANDS

The SIG Assured shield of assurance does exactly that. It lets you know which insulation products and suppliers comply with the latest legislation and makes your life a whole lot easier when you're choosing products.

SIG Assured is the result of three years in-depth work by SIG Insulation. They've been working with their suppliers and an industry leading independent partner, to monitor and track which products comply with recent changes in the law. Simply look for the SIG Assured shield of assurance stamp so you can be confident your purchase is fully traceable, legally compliant and supported by independent specialist appraisal.

SIG Assured makes choosing the right products a lot simpler:

- Reduced liability risks
- Increased clarity over new legislation and regulations
- Ability to bypass non-compliant suppliers and products
- Complete confidence in the products you use

ONLINE RESOURCE

The SIG Assured website shows you which suppliers have been audited and passed strict compliance guidelines. It contains a wealth of up-to-date supplier compliance and legal information, including Material Safety Data Sheets that are searchable by product code. Being able to access all of this information on one website helps clarify the legislation and regulations. The website is regularly updated, so is a dynamic resource that will help you make the right product choices, both now and in the future.

To find out more, simply visit:
www.sigassured.co.uk



The SIG Assured stamp provides peace of mind for the following areas.

- **Legislative requirements**
 - CE Marking
 - REACH
 - Safety Data Sheets
 - EUTR
- **Supported by all necessary documentation**
- **All documentation is legally compliant**
- **Independent verification of where products are sourced**
- **Full traceability**



Cracking the BS

Helping you comply with BS 5534:2014

On 1st March 2015, changes to the British Standards Code of Practice for Slate and Tiling, BS 5534:2014, came into effect for all roofing, meaning that all contracts have had to comply with the new regulations.

What this means for us, as roofers, is that we not only need to be aware of what the changes are, but also have the tools at our disposal to help us adapt. The diagram shown illustrates the main areas affected by the new code, namely:

- Fixings
- Mortar
- Underlay
- Battens

While the revisions to the Standard are fairly straightforward there is, as you can see, quite a lot to take in. That's why, in the following pages there is a selection of articles designed to make complying with the new code easier. You'll find real life examples of how to overcome some of the challenges BS 5534:2014 poses, as well as innovative products to make your life simpler, save you time and give you and your customers peace of mind.

Of course, it's in everybody's interests to make sure their roofs comply with the new code. The good news is that you don't have to adapt all by yourself. Read on to find out more.



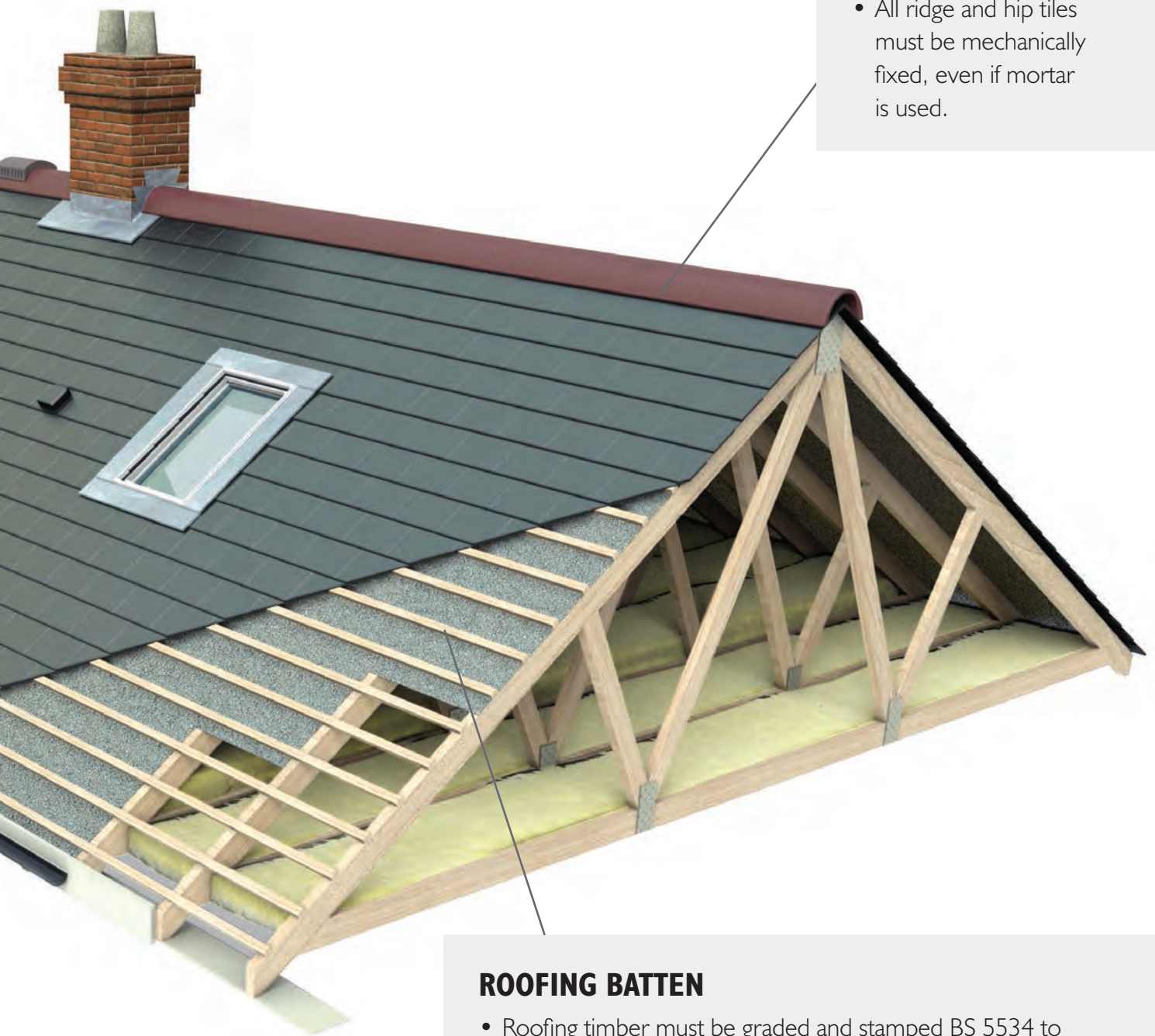
FIXINGS

- All single-lap (interlocking) tiles must be mechanically fixed with a nail or a clip.

UNDERLAYS

- The underlay required is dictated by revised wind zones and batten gauge.

5534:2014 code



MORTAR

- All ridge and hip tiles must be mechanically fixed, even if mortar is used.

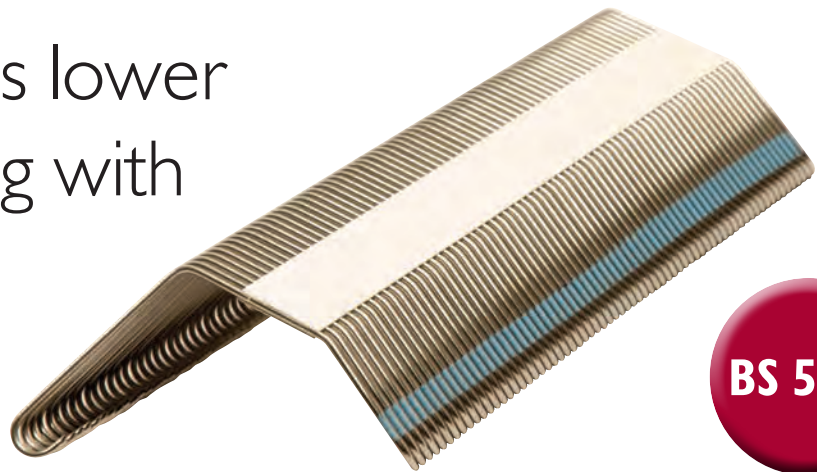
ROOFING BATTEN

- Roofing timber must be graded and stamped BS 5534 to qualify as a roofing batten.
- Batten thickness set by tile choice, with a minimum thickness of 25mm.

Innovation for you with Innofix

Innofix Clip helps lower cost of complying with BS 5534:2014.

It's always nice to hear good news, so the recent figures from the Home Builders Federation are particularly welcome. Their 'Housing Pipeline' report shows that for the first time since 2008, planning permission granted for residential developments involving 10 or more units has exceeded 200,000.



BS 5534

So, with that much potential business available and the recent BS 5534:2014 changes, it's more important than ever to have access to products that help us do the job quickly and have the strength to last. That's where Redland's new Innofix Clip comes in.

KEEPING TO THE CODE

The biggest change to BS 5534:2014, felt by the majority of roofers, has been the changes to tile fixings. All single-lapped interlocking tiles must now be mechanically fixed to the roof and twice fixed at the perimeters. Redland's Innofix Clip is a direct response to this change. It's a truly innovative and revolutionary new tile fixing that promises to be a major asset in lowering compliance costs relating to BS 5534:2014.

The Innofix Clip is Redland's strongest clip yet and is suitable for use with all of their interlocking tile range.

- Meets the stringent requirements of the new BS 5534:2014
- Fast and easy to use
- Up to 40% quicker than traditional nailed clips
- Completely tool free

- Ready to use in a unique magazine style holder, so tangle free
- Easily removed from packaging with one hand, saving time
- Suitable for use throughout the UK, even in zones with the most extreme fixing requirements

A RANGE OF CLIP SIZES

To make things even easier, a wide range of clip sizes have been developed and colour coded for easy recognition. The colour coding helps find the right clip for the tile you're using. There are five clips in total to cover the complete interlocking tile range from Redland.

Keeping to the code and keeping up with demand just a lot simpler!



**For more information
please fill in the
reader response card**

ENQUIRY 2

Going solo with Solofix

BS 5534

Solofix one-piece clip and nail helps meet BS 5534:2014.

As we've already seen, the revised BS 5534:2014 - the Code of Practice for Slating and Tiling - has led to a significant increase in the requirement for clipping. Another handy new product to help contractors implement the more stringent fixing requirements of the new code.



Traditionally, clips and nails come in separate bags and need threading together before installation, which adds to labour time and cost. As a one-piece clip and nail, SoloFix, comparable in price to standard aluminium clips, can save contractors as much as 30% on roof clipping time.

- Single clip solution with installation speed of a traditional nail
- Manufactured from Zinc Aluminium (ZiAl) – a unique, high grade composite
- Strength and performance of stainless steel
- Withstands the harshest environmental conditions across the UK
- Resistant to gale force winds and salt corrosion
- Available in two pack sizes for all standard Marley Eternit interlocking tiles
- Saves time and money

THE ONLY WAY IS SOLOFIX

Welsh roofing contractor Camilleri was one of the first to trial SoloFix, and now uses it across many of their roofing projects. Director Mathew Camilleri explains why it's their clip of choice: "We trialled the SoloFix clip and found it was far quicker to install than traditional two-piece clips and nails. This adds up to a big saving in labour time when you carry out the amount of clipping work we do."

We carry SoloFix as a stock item, as it's so much easier to use the same clip across all the projects that use Marley Eternit interlocking tiles. Now, the roofers don't ever want to go back to using the fiddly separate clips and nails!"

Camilleri is currently using SoloFix with Marley Eternit's Edgemere slate effect interlocking tiles on a new-build social housing development at Gorse Place in Cardiff. There are fourteen two and three bedroom homes being built by Greenwich Communities Ltd for United Welsh Housing Association as part of a £1.7 million project.

The increased amount of clipping required on all roofs under the revised BS 5534 means there is growing demand for SoloFix. With contractors such as Camilleri seeing for themselves that SoloFix offers the highest level of security by clipping, with reduced roof installation time.



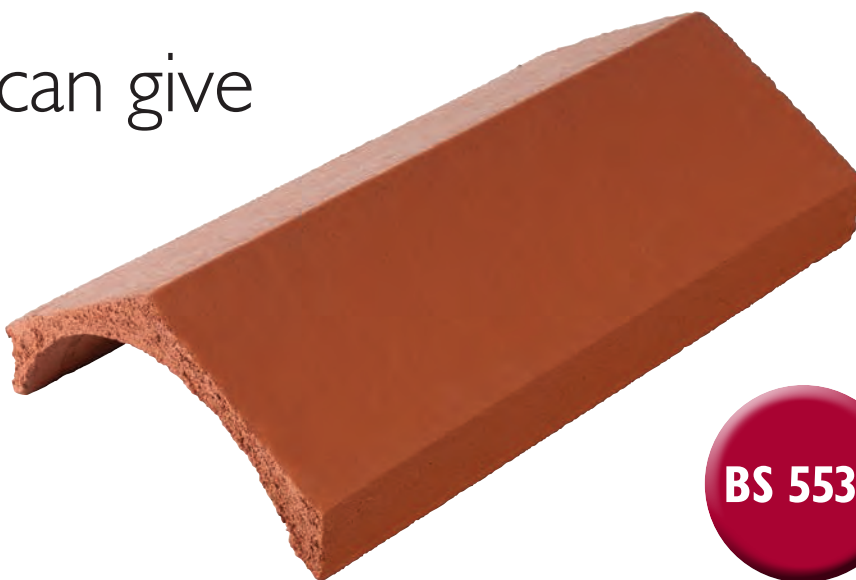
**For more information
please fill in the
reader response card**

ENQUIRY 3

Concreting compliance

How concrete can give you the edge.

To achieve a compliant and quality roof, it's essential to use quality ridges. After all, if you use a poor product, it's unlikely to hold up against the full force of British weather for very long. A well-made, properly installed ridge, on the other hand, will stand the test of time. And whichever ridge you choose, it has to work properly alongside your chosen tile material. That's where TIL-R Concrete Ridge Tiles come in.



BS 5534

Although concrete is now the UK's most widely-used roofing material, thanks to its strength and durability, there is still a huge demand for other materials such as natural slate. TIL-R Concrete Ridge Tiles have been specifically designed to offer the best modern material to compliment the best slate roofs.

- CE Marked
- Suitable for use anywhere in the UK
- Fully compatible with TIL-R Ridge Kits
- Available in anthracite, terracotta and slate grey
- Come in the most popular profiles – $\frac{1}{3}$ round, $\frac{1}{2}$ round, multi-ridge and universal ridge
- Perfect for use with SIGA Slate, fibre cement slate and general storm damage and ridge repair work

Russell Roof Tiles, the award-winning independent manufacturer, in partnership with SIG Roofing, manufacture TIL-R Concrete Ridge Tiles, giving you everything you expect from the TIL-R name: high quality, competitive price and ease of use.

For best results, we recommend that TIL-R Concrete Ridge Tiles are fixed in place with TIL-R Dry Fix Ridge Kits, or for a more traditional appearance, use Remix Bagged Roof Tile Bedding Mortar, in addition to mechanical fixing.

Now part of SIG Roofing's Core Range, TIL-R Concrete Ridge Tiles are stocked in all branches throughout the UK. As further assurance of the quality, TIL-R Concrete Ridge Tiles are included in SIG Roofing's ONE Warranty, providing a warranty backed by a FTSE 250 company.

TIL-R

**For more information
please fill in the
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ENQUIRY 4

Keeping super dry

Revisions to BS 5534:2014 mean the need for reliable Dry Fix solutions is greater than ever.

BS 5534

One of the main changes to the BS 5534:2014 Standard is that mortar can no longer be used as a standalone fixing for roof tiles. As a result, contractors are aiming to use less mortar and are seeking alternative products that deliver a quality finish quickly and effectively.

Therefore, Dry Fix has emerged as the best and most efficient method of application. Dry Fix products stand the test of time, are simple to install and, with no mortar to wash away, you can move onto the next job quickly without worrying about call-backs to site.

Hambleside Danelaw have over 30 years experience in manufacturing roofing products and they are one of the UK's leading producers of GRP flashing products - including Dry Fix Valley Troughs and Bonding Gutters. Both products are BBA certified and have a 30 year guarantee.



DRY FIX VALLEY TROUGHS

- Cut fixing time by up to 50%
- Strong and durable
- Provide a weatherproof drainage channel
- Assure a premium finish with neat termination detailing
- Reduce call backs
- Lightweight

DRY FIX BONDING GUTTERS

- Create a weather-tight joint between different roof coverings (particularly useful between private and public sector housing)
- Narrow profiles minimise disturbance to the adjoining roof
- Twin water bar design on each side of a central upstand to prevent leakage
- Provide a clean and neat finish to the edges of different roof coverings

 **Hambleside Danelaw
Building Products**

**For more information
please fill in the
reader response card**

ENQUIRY 5



The extreme rules!

Klober develop underlay for low-pitch roofs that meets all the criteria of BS 5534:2014.

Extensions and loft conversions are popular and cost-effective alternatives to moving house, providing an ongoing source of work for many roofers. How, when working to the new Standards of BS 5534:2014, can we make the most of these opportunities?

When working on these types of projects, contractors often have to identify a workable solution that blends in well with the rest of the property, whilst working with a roof pitch that is limited by existing windows or pipework. Using a matching natural slate or plain tile has always been out of the question, but thanks to Klober's new underlay, Permo® Extreme RS SK2, you can now go well below minimum pitches. As low, in fact, as 12.5° with profiled tiles or 15° with flat tiles.

The Permo® Extreme RS SK2 gives you a number of key benefits:

- Tear-resistant
- Double, self-adhesive strips provide a permanent seal of laps
- Immediate protection against wind driven rain or snow, when laid at a 15° pitch
- Best laid onto 12mm ply board or OSB sarking board, so no draping between rafters

EASY PEEL-Y

Permo Extreme is extremely easy to use. Simply position the underlay and peel away the protective self-adhesive strips before pressing laps into place. Finish off by counter battening and, unless you are building a warm roof, ventilate at or near the ridge. Use Klober Butylon tape beneath the counter battens to seal around any nail penetrations, as such low pitches will lead to a certain amount of capillary action. Permo Extreme will cause the water to drip from the top of the tile and be carried between the counter battens to the gutter.

FLEXIBILITY

By using Permo® Extreme, you can offer your customers total flexibility in the type of tile or slate they choose. It also means you can avoid having to use unsightly, large format concrete tiles that are not only unsuitable for small roofs, but also a poor match for the property's existing tiles. Good news for both you and your client.



For more information
please fill in the
reader response card

ENQUIRY 6

KLOBER
Professional roofing accessories

DuPont™ Tyvek® is cast as a star performer in Poldark country

BS 5534

The advanced breather membrane for modern building gives contractors the assurance they are complying with BS 5534:2014.

On a rugged rise overlooking the windswept bay of Sennen Cove, Cornwall, stands a 19th Century two-storey stone built cottage. The inspiring and beautiful setting makes it an ideal haven, but years of exposure to the fury of the Cornish elements had taken its toll. Complete renovation was required.

Following extensive refurbishment of the property, a sympathetic new addition complements the main structure to create one large, luxury, four-bedroom house, complete with pool and terrace.

The project was a challenging one, as building work had to be carried out in accordance with contemporary codes. Also, its position, perched high on cliffs above the shore line, meant that ensuring the structure was protected from the harsh Atlantic coastal weather was paramount.



When it came to construction of the pitched slated roofs, contractors Marnick Roofing Ltd of Falmouth opted to use their favoured underlay material: the advanced breather membrane DuPont™ Tyvek® Supro Plus. Paul Marks, of Marnick Roofing Ltd, explained why: *"The choice was clear; not only in terms of the quality of the product, but also because we know we can depend on great service from DuPont. This is a high-spec project in a spectacular natural setting and we are proud to be involved."*

DuPont™ Tyvek® Supro Plus is long established as a proven performer in terms of water-shedding, moisture management, airtightness and enhanced thermal efficiency. It is naturally vapour-open, but also wind and water-tight. This is due to the millions of micro fibres that bond together to form a maze that is impermeable to air and moisture, but that allows water vapour to pass through it.

Benefits of DuPont™ Tyvek® include:

- Unique high-quality single layer construction
- Naturally vapour-open, but also wind and water-tight
- Offers unrestricted compliance with BS 5534:2014 for all wind zones and at all altitudes

The exposed location of the property meant that DuPont™ Tyvek®, which boasts wind-uplift resistance, together with trouble-free installation, was the perfect choice.

All three DuPont™ Tyvek® BBA approved roofing underlays offer unrestricted application when tested in accordance with BS 5534:2014, with no counter battens required in any zone:

- DuPont™ Tyvek® Supro
- DuPont™ Tyvek® Supro Plus (with integral tape)
- DuPont™ Tyvek® Enercor roof

This means contractors have assurance that they are fully compliant – not only with the code, but with all the weathering and thermal performance expectations of an advanced breather membrane.



Tyvek.

For more information please fill in the reader response card

ENQUIRY 7

A good lead

Give your customers assurance, guaranteed with a warranty-backed lead solution.

Lead use in construction is almost as old as construction itself! This is not surprising when you consider it's widespread, easy to extract, easy to work with, highly malleable and easy to smelt. And it's also really, really good!



The ALM Range of lead ancillary products all carry the 'LSA Approved' logo and are supplied by SIG Roofing. It includes:

- Patination oil
- Sealant
- Clips
- Wood core rolls

The range is also recommended by the Lead Contractors' Association (LCA). Members can offer a 25 year guarantee of their workmanship on rolled lead sheet conforming to BS EN 12588.

In fact, lead is such an excellent material that it will often outlast the building itself. Even so, for absolute peace of mind and assurance of performance, it's important to only use lead products that comply with the relevant British Standard. Two companies that guarantee the quality of their lead are ALM and, in Scotland, Jamestown Metals.

As leading members of the Lead Sheet Association (LSA), both companies are so confident of their quality that all of their Code 3-8 rolled lead sheet now comes with a 50 year LSA warranty. This applies to any rolled lead sheet manufactured by them from October 2013, providing it has been installed in accordance with BS 6915 and the LSA Rolled Lead Sheet Manual.

WHAT DOES THE GUARANTEE MEAN?

In simple terms, it means that the product you use is guaranteed to be of a consistently high quality, in terms of thickness and chemical composition.

The 50 year warranty is especially important to architects, who can make accurate forecasts of creep and fatigue in order to work out the type, size and fixing details for almost any situation where lead is being considered. Guarantees of performance like these are also very useful for building designers and owners when dealing with insurers.

If you'd like to find out more about any aspect of lead installation, visit the ALM website, click on 'lead' and download the LSA Rolled Lead Sheet Manual, see: www.associatedlead.co.uk.

Lead Sheet Association Training

LSA training courses in lead and hard metals have been developed to meet the needs of both installers and employers.

Courses are flexible and cost effective and many provide a nationally recognised qualification. They are suitable for most people, whether you have little, or even no, experience, or if you want to add to your range of skills and improve your work prospects.

To watch the LSA's short film and hear from both employers and students alike about the benefits of the training, visit www.leadsheet.co.uk/training.

Funding your training

The Lead Sheet Association has compiled an online guide to all the courses and potential funding available. To see what courses are on offer and find out how you might benefit from funding, visit www.leadsheet.co.uk.

LSA staff are always on hand to help with enquiries. Call 01622 872 432 or email info@leadsheet.co.uk to find out more.



Take care with copper



How copper treated battens can fall foul of BS 5534:2014.

The most recent edition of BS 5534:2014 now requires all slates and tiles to be fully fixed, using increased amounts of nails and/or clips. While this requirement will undoubtedly make our roofs safer and stronger, the team at SR Timber has pointed out that the batten choice is key to the longevity of these fixings.

HOW WELL DO YOU KNOW YOUR BATTEN?

Batten is something roofers tend to buy out of habit. After all, if it ain't broke, don't fix it. However, we shouldn't assume that just because we've always bought a certain brand, we know what we're getting. Roofing battens come in a diverse array of colours and shades, and this can mask different types of preservative treatment.

SO, HOW DOES THIS AFFECT YOU?

According to SR Timber, what you really need to know is whether or not your batten contains copper. Copper can cause corrosion and premature failure of your fixings, and the most common fixings –

such as zinc-galvanised or aluminium nails/clips – react adversely with copper in damp conditions. This results in damage to the fixings and degradation of the membrane. Bad news if you want to comply with BS 5534:2014.

ARE THERE ANY ALTERNATIVES?

Absolutely. You can either use different types of fixings – stainless steel, for example – or simply buy battens that don't contain copper. If your battens do contain copper, it's a good idea to use them with water-resistant membranes to avoid any dampness or damage.

HOW CAN I TELL IF MY BATTENS CONTAIN COPPER?

SR Timber advises that if your battens are green, there is a very high chance that they contain a copper-based treatment. This should give you an idea of the best kind of fixings and membranes to use. However, if your battens are another colour, it can be more difficult to tell. Luckily, there is a pretty simple solution: ask your supplier what they are treated with. If you're still unsure, ask for treatment certificates or data sheets.

The bottom line is you need to be vigilant and sure of what you're buying. That way you can feel confident that your project isn't tainted by unreliable materials. Take these precautions and you should avoid complications.

SR Timber Gold

'Gold Batten' is SR Timber's highest grade of roofing batten and contains no copper whatsoever.

- Fully compliant to all standards
- Contains safe organic chemicals only
- Fully compatible with all types of membrane and fixings
- Gold colouration does not hide any potential defects found with traditional battens



For more information please fill in the reader response card

ENQUIRY 8

Quality assurance through the ages with natural slate

As one of the world's oldest roofing materials, natural slate adorns many of our historic buildings. The benefits of using natural slate have been well known since Roman times, with evidence of slate roofing in Wales as early as the 2nd century. However, it wasn't until the Industrial Revolution in the 18th century that roofing slate really took off.



It pays to use good quality slate

While it can be tempting to use a cheaper slate, it can cost you far more in the long run. Cheap slate can suffer 50-80% wastage, so is more prone to failure and more likely to rust from pyrites – which means you're more likely to get called back.

Good quality slate is easier to work with, has less wastage and is easier to cut. Not only do you get the assurance of its longevity with a cast iron warranty and full CoC traceability, quality slates are also more effective against harsh weather conditions.

The popularity of slate grew when people realised that it offered effective protection against the elements – particularly frost and rain – due to its low water absorption. Transport and technical innovations, such as steam engines, enabled it to be mass produced and it was soon exported far and wide.

Centuries later, roofing slate is still revered amongst architects, specifiers, builders and developers for its outstanding performance and unmatched beauty. And, with a lifespan of around 80-100 years, natural slate is a premium roofing product that continues to adorn many prestigious buildings.

KNOW YOUR SUPPLIER

These days, you can source natural slate almost anywhere in the world, although 90% of the global output comes from Spain. Quality varies and inferior products may not

deliver on their promise, so it's important to understand the origin of your slate before you buy it. The traceability of supply, as well as the labelling, are good indications of the professionalism and Chain of Custody (CoC) provided by the supplier.

For quality assurance, it makes sense to work with reputable companies such as SIGA, who know and understand the market and are in it for the long haul. With SIGA, you get the assurance of working with a reputable organisation, whose guarantees are backed by SIG plc, a FTSE 250 company.





SIGA

Quality. Reliability. Integrity.

With a dedicated team and professional operations in the quarrying region of Spain, SIGA has built up a direct connection with its quarries. SIGA provides full information about where your slate comes from, as well as how to work with it, and notifies you of any changes in legislation.

All of SIGA's ranges are colour coded so you can easily identify which is which, and come with warranties of between 30-75 years, all fully backed by SIG plc, a FTSE 250 organisation.

SIGA
Natural Slate

Excellence Range



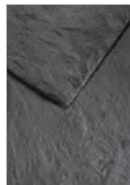
The finest selections from the best quarries

Specification Range



A broad range of high quality first selection slates

Commercial Range



Trusted quality and workable slates suited to the experienced installer

Classic Range



Affordable slates of good overall quality

**For more information
please fill in the
reader response card**

ENQUIRY 9

Are you getting enough fibre?

Cembrit explains the benefits of working with fibre cement slates.

Roofing contractors are always on the lookout for products that will save them time and money. They want to use products and materials that are low cost, easy to install and create the right finish, first time, every time, thereby reducing the risk of call backs. Here's how fibre cement slates deliver...

SAVE TIME AND MONEY – NO NEED FOR SORTING OR GRADING

- Uniform in size, thickness and shape
- No sorting on site
- Pre-drilled for quick and easy fixing
- Save time and money
- Lighter than most alternatives, so easier to carry

EASY TO INSTALL – NO NEED FOR POWER TOOLS

- Cut and mitre using simple hand tools (simply score and snap)
- No dust suppression equipment required
- Ideal for complex roofs
- Reduce site breakage

PREVENT CALL BACKS – VENTILATE THE ROOF PROPERLY

Fibre cement slates are smooth and uniform, so fit together tightly. As a result, they're less susceptible to the passive ventilation created by less even materials.

A requirement of the British Standard Codes of Practice (BS 5250:2002), proper ventilation prevents the build-up of condensation that develops when a roof space is unable to breathe. On most houses, this means air travelling from eaves to eaves, but by adding ridge ventilation you can reduce the risk of stale air pockets forming. A tight fitting or interlocking roof system, such as fibre cement slate tiles, will require additional ventilation between the batten void. In order to meet the standard, contractors must simply choose a ridge tile that has been specifically designed for ventilation, as it will create the greatest outlet for warm moist air.



**For more information
please fill in the
reader response card**

ENQUIRY 10

All about eaves

5 benefits of aluminium eaves systems.

What makes the perfect eaves product? Value for money? Ease of installation? High quality? Or a combination of all three? Aluminium eaves systems offer this trio of benefits in abundance. After all, there's a reason naval frigates, aeroplanes and space ships are made from the stuff.

Tony Wereszczynski, Technical Director at Marley Alutec, shares five reasons why contractors love aluminium eaves systems...

YOU SAVE TIME

Aluminium combines the durability and strength of metal with the convenience of PVC. Quick to install, it requires less manpower on site and is perfect for fitting over existing wood systems without reducing tile overhang.

Marley Alutec's Evoke fascia and soffit range, for example, is just 4mm thick and requires no backing board, so is very light and easy to handle.

YOU DON'T NEED TO BE A SPECIALIST

Despite being extremely strong, aluminium systems are very easy to cut and modify on site – essential to achieving that perfect fit on complex projects. With Marley Alutec's Evoke system, you can use conventional carpentry tools and skills, so no specialist contractors are needed. This also means you can make bespoke pieces on site as required, avoiding costly delays.



IT LASTS FOR A REALLY LONG TIME

Aluminium eaves systems have an extremely long lifespan of 50 years or more. However, not all aluminium is created equal. While marine grade aluminium has a life expectancy of more than half a century, inferior quality aluminium products will have a much shorter lifecycle, and will be susceptible to corrosion.

IT DOESN'T NEED REPAINTING

High quality, marine-grade aluminium is impervious to corrosion even in its raw, unpainted form. So it will continue to look its best for many years. Delivering an extremely durable, colour-stable solution, aluminium eaves systems require no further maintenance.

Marley Alutec's Evoke range is self-cleaning thanks to a nano additive that resists the build-up of dust, grime and moss.

IT'S GOOD FOR THE ENVIRONMENT

As an added bonus, using aluminium puts a very big tick in the sustainability box. As it can be recycled over and over again without losing its quality, it's one of the most sustainable building materials there is. It's estimated that 75% of all the aluminium ever produced is still in use today.

Marley Alutec's Evoke fascias and soffits, a range contractors can rely on to do the job well.

- Highest standards of durability and reliability
- Sustainable
- Life span of more than 50 years
- Incorporates nano self-cleaning technology



ALUTEC
ALUMINIUM RAINWATER SYSTEMS

For more information please fill in the reader response card

ENQUIRY II

DATAAC contractors have the edge

Become a DATAAC member and enjoy a real advantage in the market.



Since it was established in 2009, the SIG Design And Technology Accredited Roofing Contractors Scheme (DATAAC) has supported quality roofing companies by building trusted networks and guaranteeing installations.

The scheme ensures projects are carried out by credible, trained, specialist roofing contractors. That way, designers, clients and contractors alike can enjoy peace of mind that the finished work will be of high quality.

WHY DATAAC WORKS

DATAAC members boast a real competitive edge when tendering for major projects. Members have access to a special range of SIG Design Technology high performance roofing products and system guarantees, unavailable to other contractors. SIG Design Technology also prepare bid support packs to help members win work on jobs over



For more information on how you can become a DATAC member and to download an application pack visit www.singleply.co.uk/contractors/ or call 0845 5080295.

500m². It's about building a relationship so that everybody wins...

- Contractors develop and maintain skills and achieve accreditation quicker
- Roof designers are confident they can rely on installers' expertise
- End users know their roof is being installed by a committed, competent team

DATAC regularly welcomes new members, so it's worth knowing how the scheme could help you grow your business and your reputation.

Roofing contractors signed up to DATAC must supply evidence of insurances, including Public Liability and a minimum cover of five million pounds Employers' Liability.

TRAINING AND INSPECTIONS

At SIG Design Technology's Shepshed Training Academy, DATAC installers receive Single Ply Roofing Association (SPRA) and manufacturer approved, product-specific

training in different types of single ply, hot melt and liquid waterproofing. The scheme also recognises Federation of Traditional Metal Roofing Contractors (FTMRC) members' hard metal training.

Once trained and certified by SIG Design Technology, DATAC installers are given a 'Blue Status' installer card, which is valid for 12 months. During this 12 month period, installers must complete either a minimum of three projects, or one single project of over 500m², to be inspected by the schemes Area Field Technicians. If the workmanship is up to scratch, installers then qualify for a three-year 'Green Card' status, during which time their work is regularly checked. At the end of the three years, the Green Card can be extended or installers can opt to attend a one-day refresher course.

TECHNICAL AND ON-SITE SUPPORT, PLUS GUARANTEES

The dedicated team at Shepshed is always on hand to provide support for DATAC installers, offering:

- Full technical support, including wind uplift, thermal and interstitial condensation calculations
- A network of experienced Area Field Technicians who provide onsite advice and support so installations conform to all product requirements and regulations.

SIG Design Technology guarantees all installations carried out by DATAC installers. This provides clients with reassurance of quality, as well as the convenience of dealing with a single point of contact.



Beat the chill this winter

CrysticROOF COOLCure GRP Liquid Resin works down to 5°C.

Glass-reinforced polyester resin (GRP) is an immensely versatile material. Lightweight, inherently strong and, of course, weather-resistant, it's used for everything from aircraft, boats and cars to bath tubs, surfboards and external doors. You could say it's quite the all-rounder!



As well as being incredibly adaptable, GRP is also good for the environment – and can even improve health and safety:

- Reduces building energy consumption
- Reduces volatile emissions
- Improves fire resistance

For contractors, the only problem with using GRP has been its inability to set at low temperatures, rendering it unusable for large periods of the year. That's no longer an issue, thanks to Scott Bader, who have developed a low-temperature GRP liquid resin: CrysticROOF COOLCure.

CrysticROOF COOLCure is suitable for application in temperatures as low as 5°C, essentially extending the building season from earlier in the spring to later in winter. It has been designed for use with a suitable HBO50 winter catalyst, so the resin can cure and harden even at low temperatures.

So, when the nights start drawing in and the temperature drops, you'll still be able to crack on with the job. How cool is that?!

Why choose CrysticROOF GRP?

Simple to use and apply, CrysticROOF GRP is the perfect flame-free application.

- **Cold applied – eliminating the need for naked flames and heating equipment**
- **Manufactured with virgin raw materials in the UK to British/ISO quality and environmental standards**
- **Cures to a hard, very attractive, seamless finish**
- **Remains watertight and maintenance free for many years**
- **Wide choice of colour finishes and non slip**



The CrysticROOF range of resins and topcoats is a modern alternative to traditional materials such as bitumen, felt and lead. It not only lasts a lifetime, it looks great, too.

- **Manufactured in the UK to ISO standards**
- **Tested for consistency and stringent quality controls**
- **Backed by 10 to 25* year guarantees**
- **Low styrene emissions**
- **Includes a range of high quality trims and ancillaries**
- **Exclusively stocked by SIG Roofing**

*Available for approved contractors

**For more information
please fill in the
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ENQUIRY 12

Let there be light

Maximising natural light in single-storey extensions.

Extensions to existing buildings provide a great source of business for roofing contractors, offering opportunities for both flat and pitched roof specialists. Increasingly, customers are opting for extensions that form part of a restructure of the existing living space, rather than just bolting on an additional room. The large, open plan, multi-functional spaces this creates, then become the new heart of the home. The challenge is making sure that light can penetrate deep into these areas.

ROOFLIGHTS REPLACE LOST LIGHT

When you build an extension, you effectively move the light source for existing rooms several metres away. So, unless you take measures to replace the lost light, you risk these areas becoming dark and gloomy and losing their lustre. More and more homeowners are therefore looking to bring light in through the roof to overcome this issue.



The reason rooflights are so effective is that they work in conjunction with vertical windows to make sure rooms are flooded with light, no matter what the time of day. Vertical windows work best when the sun is low in the sky and light is coming in at a sharp angle, while rooflights are most effective from mid-morning into early evening, when the sun is higher.

NEW VELUX FLAT GLASS FLAT ROOF WINDOW

VELUX roof windows have been a mainstay of extensions for several years, and now their new flat glass flat roof window opens up even more opportunities:

- Looks great internally and externally
- Easy to install
- Offers market-leading insulating properties
- Reduces rain noise
- Remote control operation

Available within just two days from your local SIG Roofing branch, the new VELUX flat glass flat roof window will turn your extension from practical to spectacular – and earn you referrals in the process!



VELUX®

**For more information
please fill in the
reader response card**

ENQUIRY 13

Turn tricky jobs into quicker jobs!

On any flat roofing job, the likelihood is you'll come up against a whole host of challenges. So, it makes sense to be as prepared as possible when it comes to products and processes within your control.

One issue you'll certainly have to deal with is the need to waterproof your roof. However, with waterproofing products varying greatly in application, price, quality and consistency, how do you know which ones you can rely on?

Why not start at FIX-R? Specialists in flat roofing, FIX-R design their products to make your job that little bit simpler. They offer a ready to use, wet-on-wet Liquid Waterproofing system that becomes water repellent on application. Suitable for use all year round, it's ideal for flat roofing projects such as new builds, repairs, refurb, etc.

And, unlike other systems, it has very low volatile organic compounds (VOCs), making it virtually odour-free, which means it's classed as a non-hazardous product. Brilliant!

SAVE TIME WITH FIX-R JOINTING TAPE

FIX-R's specialist knowledge and industry expertise mean they know how important your time is. That's why they've developed FIX-R Jointing Tape to accompany their Liquid Waterproofing system.

A polyester reinforced self-adhesive tape, FIX-R Jointing Tape seals joints and seams in insulation and timber decks before the liquid waterproofing is applied.

- Replaces the need for the reinforcing fabric and liquid application at joints, saving you money
- Zero drying time allows you to get on with the job
- No need to step over wet joints
- Easy to install therefore less labour is required, reducing your costs

FIX-R Jointing Tape is perfect for confined spaces, it's instantly watertight and allows the immediate application of liquid waterproofing. In other words, the tricky jobs become the quicker jobs! Sometimes, it's the little things that make all the difference.



FIX-R

**For more information
please fill in the
reader response card**

ENQUIRY 14

Quicker solutions for your flat roof project

Foam adhesives are fast becoming the go-to material for installers to bond insulation materials in flat roofs.

Finding efficient working methods to ensure projects are completed on time and to budget is more important than ever. If it saves you time, does a great job and stops you getting called back, then it's a winner. Adhesive products do all that and more.

When insulating a roof, if you use the right materials and apply the adhesive correctly, there should be no need to penetrate the roof substrate. This is important, particularly if you're refurbishing an existing roof and don't know the position of pipes or cables under the surface.

LIQUID OR FOAM?

Liquid polyurethane adhesives have long been the most common type of cold-applied adhesive used to bond insulation materials. Modern formulations are solvent-free, so compatible with more sensitive insulation materials such as polystyrene and they are safer for the installer to use. However, new to the market are polyurethane foam adhesives that, in most cases, will out-perform liquid based products.

How does foam benefit the installer compared to liquid?

- Foam adhesives take around an hour to fully cure, compared with up to 6 hours for liquid products

- Foaming action can fill small imperfections in substrates and joints between insulation boards
- When cured, foam adds insulation, aiding thermal performance
- Newer low-foaming formulations such as Soudatherm 330 don't require walking in or weighting down
- Foam adhesives are non-drip, so can bond onto vertical surfaces such as upstands
- Newer gun-applied foam adhesives are more precise and therefore more economical, as you only use what you need and no product is lost after application. Gun-applied systems are also generally low maintenance as they can be stored for several weeks without cleaning.

Technological advances mean that foam adhesives now provide a safe, fast and convenient solution for the installation of flat roofs; one that could well be worth considering for your next flat roof project.

SOUDATHERM ROOF CONTRACTOR PACK

The new Soudatherm Roof Contractor Pack contains everything you need – including an applicator gun – to bond up to 60m² of insulation.

GET TRAINED UP

If you'd like to become more familiar with foam adhesives and how they can help you work more efficiently, arranging training or site demonstrations by manufacturers is easy.



Soudatherm Roof Adhesives

Soudatherm Roof Adhesives are ready-to-use liquid polyurethane adhesives that bond insulation materials – such as extruded polyurethane foam, polystyrene, phenolic foam or mineral wool – onto horizontal surfaces, aged bituminous roofing membranes, etc.

All variants:

- Are solvent free so fully compatible with EPS
- Offer excellent adhesive properties
- Offer reduced weight and space



For more information please fill in the reader response card

ENQUIRY 15

Leaving asbestos alone

Filon over-roofing saves cost of
asbestos disposal in Wrexham.





When the existing asbestos cement roof started to fail at Coleg Cambria, Wrexhams' higher education college, Filon over-roofing was used to refurbish the Engineering Centre of Excellence.

Water ingress, caused by deterioration of the existing roof, was putting high value machinery inside the building at risk. Urgent attention was required, but the asbestos in the roof meant that it would be a potentially time consuming and risky project.

To keep time, cost and risk to a minimum, the contractor opted to use Filon's GRP over-roofing sheets. These can be used in refurbishment projects without needing to remove and dispose of the original asbestos. Making the refurbishment process much quicker and less disruptive.

As metal roof sheets would be too heavy, the lightweight Filon GRP system was the perfect solution. It added very little to the overall load of the roof and the structural survey proved it worked.

Approximately 3400m² of Filon's double reinforced OPDR30E sheet in a light grey coloured 32/1000 trapezoidal profile was used. The opaque sheet uses conventional glass reinforcement with a preformed

woven glass matt. This produces a sheet that has greater impact resistance, span and load bearing capabilities than a heavier standard production GRP sheet, without increasing the sheet thickness. Thinner sheets have crisper profile definition for more effective side and end lap sealing, so can be installed much more easily.

Filon over-roofing sheets that match most current and obsolete profiles are available to improve the performance and aesthetics of failing buildings.

INGENIOUS SAFETY FEATURE

On projects like this, where workers are accessing fragile roofs, it's vital to ensure everyone's safety. It's common practice in large asbestos cement-clad buildings to install safety nets to protect against falls, but this wasn't possible at Coleg Cambria because of internal ceilings, so an alternative was needed.

The solution? A bracket and bar spacer system was installed to create a void between the existing roof and the over-roofing sheets. This allowed 'sacrificial' safety nets to be fixed over the existing roof. It also allowed for insulation to be included, which improved the thermal performance of the roof. The relatively low cost of the safety netting, compared with the potential cost of removing and re-fitting the ceilings, made sacrificial netting a very cost-effective solution.

Peace of mind with Fixsafe

The safe replacement system for damaged roof sheets and rooflights

The Fixsafe system allows you to replace roofsheets and rooflights from below, so you don't need to access dangerous, fragile roofs.

Saves money

Fixsafe minimises access equipment costs, reduces time needed on site and doesn't risk workers' safety.

Minimises disruption

The speed, ease and safety of using Fixsafe means that sites can carry on with minimal disturbance to the normal routine.

HSE compliant

Fully compliant with Regulation 9 of the Working at Height Regulations 2005, Fixsafe is an accepted means of allowing those involved in repairing fragile roofs to work safely.

A complete system

Fixsafe is made up of specific GRP replacement sheets to match all popular asbestos and fibre cement profiles, together with fixings to install from below.

FILON®

For more information please fill in the reader response card

ENQUIRY 16

Make your industrial life easier

SIG's Industrial Roofing Centre makes complex projects simple.

Anybody who's worked on an industrial roofing project knows just how complex they can be. The number of materials to source, and deliveries to coordinate can be vast. All too quickly, you can find yourself overwhelmed by having to deal with multiple manufacturers and suppliers – all the while trying to work out what's compatible with what, when it's all arriving and where you're going to put it!

Unless you know exactly what you're doing, and who you're dealing with, the result can be a bit of a muddle.

CHOOSE A SPECIALIST DISTRIBUTOR

By working with people who fully understand the compatibility and risks of different products and manufacturers, you can streamline the process considerably.

The SIG Industrial Roofing Centre is a hub of quality products, technical acumen and service. Whether you want help to calculate the amount of materials you need, coordinate a number of different suppliers, or get the right products in the right place at the right time, the experts there take on all the hard work for you, irrespective of scale, freeing you to get on with the job.

Here are just some of the tasks the SIG Industrial Roofing Centre can take off your hands:

Design and specification – know which materials work together and where to get them, and can provide assurance of quality.

Reduce costs – streamlining the process reduces waste, saves time and minimises error – all of which saves you money.

Product call off – can coordinate deliveries of the materials you need, in the quantities you need, when you need them, nationwide.

Matching systems – able to source discontinued products and carry out profile and colour matching.

Offer safety solutions – including barriers, harnessing points, below roof fitting and advice.

Fabricate hard metals – cater to bespoke requirements with a cut-to-size capability, so can deliver hard metals such as zinc and copper in the exact amounts you need. It means you reduce waste and save money and is something no other company provides.



Advice and support – provide a dedicated contact to give you impartial help and advice, as well as technical support for their full range of products.

Whatever you're working on, the support of a specialist distributor gives you peace of mind that the project is being managed efficiently and effectively. Suddenly, industrial projects seem much more achievable!



**For more information
please fill in the
reader response card**

ENQUIRY 17

Low carb

Steadmans shows how to keep customers carbon happy.

Concern over our personal and collective 'carbon footprint' has grown in recent years as more has become known about the damaging effects of carbon on our environment.

As buildings produce about 37 per cent of the UK's total carbon output, building owners are under increasing pressure to meet demands from regulators to keep that output in check. The aim is to deliver nearly zero-carbon buildings from 2021 (2019 in the public sector). To achieve this, architects and contractors are being driven to increase sustainable business practice and reduce carbon emissions.

One of the biggest impacts of the zero-carbon goal will be that from April 2018, the letting of commercial properties with poor Energy Performance Certificate (EPC) ratings will be severely restricted. In other words, anyone who owns a commercial building and wants to renew the lease or sell it will need to bring it up to standard first. Each EPC report includes a list of recommendations of how to reduce the energy costs and tackle the carbon footprint of the building, so a number of areas may have to be addressed.

These include:

- Energy monitoring
- Building Management Systems



- Heating, Ventilation and Air Conditioning (HVAC)
- Building Fabric
- Lighting and Electrical Design
- Renewables and Energy Storage

To make life a little easier, leading manufacturer Steadmans is offering roofing contractors practical tips on how they can satisfy customer concerns about carbon emissions. Here are some of their suggestions for how to cut carbon...

1. Work with the right people

Always buy from reputable suppliers whose output reflects the latest customer and end-user preferences, plus compliance with regulation. A sound indicator of a supplier's standing is their membership of trade associations.

Steadmans, for example, belongs to organisations including the Rural and Industrial Design and Buildings Association (RIDBA) and the Metal Cladding and Roofing Manufacturers Association (MCRMA).

2. Consider metal-based roofing systems

These can achieve low air-permeability levels, so offer significant carbon dioxide savings at low cost.

Installing roof lights can also reduce energy use by supplying natural light and heat, free-of-charge.

3. Source from one respected supplier

Sourcing incompatible systems and components from various manufacturers can hamper the drive to cut carbon. It's much better to get everything you need from a single respected supplier, if you can.

4. Choose the right manufacturers

Find manufacturers who understand the risks and value of specifications, as well as the factors that can affect the gap between designed – or expected – and actual energy performance.

The best assurance of compliance with carbon targets is to source systems and products from manufacturers who can demonstrate the pedigree of the materials used, and who support design requirements with job-specific data.

Steadmans

Quality since 1911

**For more information
please fill in the
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ENQUIRY 18

INDUSTRY NEWS

Page 4 **Roofing news in brief**



Page 6 **RCI Show 2016**



Page 8 **Competence builds confidence**



Page 10 **Swim, cycle & run to the finish line**



Page 11 **High standards**



Page 12 **ONE Roof. ONE Name. ONE Warranty.**



PITCHED ROOFING

Page 13 **SIG Assured**



Page 16 **Innovation for you with Innofix**



Page 17 **No need to go solo with Solofix**



Page 18 **Concreting compliance**



Page 19 **Keeping super dry**



Page 20 **The extreme rules!**



Page 21 **Star performer in Poldark country**



Page 22 **A good lead**



Page 23 **Take care with copper**



Page 24 **Quality assurance with natural slate**



Page 26 **Are you getting enough fibre?**



Page 27 **All about eaves**



FLAT ROOFING

Page 28 **DATAc contractors have the edge**



Page 30 **Beat the chill this winter**



Page 31 **Let there be light**



Page 32 **Turn tricky jobs into quicker jobs!**



Page 33 **Quicker solutions for your flat roof project**



INDUSTRIAL ROOFING

Page 34 **Leaving asbestos alone**



Page 36 **Make your industrial life easier**



Page 37 **Low carb**



Smart Toolbox Prize

In this issue of INSIGHT, we're giving you the chance to **WIN a Durafix Driver, worth £100.**



Simply complete the game of Sudoku by filling the 9×9 grid with numbers so that each column, each row, and each of the nine 3×3 sub-grids contain all of the digits from 1 to 9.

To enter the competition, write the 9 numbers shown in the red box on the reader response card and post it back to us.

Good luck!

Closing date to receive entries is 1st March 2016.

4					8	1	6	
		1			9		7	5
			4					3
		2	5			3	8	
			9		1			
	5	8			6	9		
3					5			
2	8		7			6		
	7		8					4

Terms & Conditions

Entry to the competition is restricted to one entry per person. Multiple entries will be disqualified. Competitions are open to UK residents only unless otherwise stated. Prizes can only be sent to a valid UK address unless otherwise stated. Winners will be chosen at random from all valid entries. Winners will be contacted via email. The competition will run from 19th January 2016 until 1st March 2016. INSIGHT Magazine from SIG Roofing is compliant with the data protection act. Our policy is such that we will not pass on your details to any third party without consent.

ANGLIA

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Great Yarmouth	NR31 0LY	01493 659991
Ipswich	IP1 5LU	01473 749621
Kings Lynn	PE34 3AJ	01553 764202
Luton	LU1 3XL	01582 456177
Northampton	NN5 5JF	01604 765684
Norwich	NR3 3ST	01603 487860
Peterborough	PE1 5YB	01733 345004
Southend	SS9 5PR	01702 511158
Waltham Cross	EN8 7DZ	01992 624938

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High Wycombe	HP12 3RJ	01494 450079
Kings Langley	WD4 8JU	01923 269983

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Southend	SS2 5QW	01702 613 181

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Croydon	CR0 4YZ	020 8689 0481
Kentish Town	NW5 3EW	020 7485 5550
Kentish Town	NW5 2DS	020 7485 1791
Ladbroke Grove	NW10 5BT	020 8969 0022
New Cross	SE14 5BL	020 7358 0085
Romford	RM7 0HL	01708 754022
Romford	RM3 8TS	01708 377666
Slough	SL1 4BG	01753 570526
Stratford	E15 2RW	020 8536 5400
Tottenham	N15 4PG	020 8808 0459
Tottenham Branch	N17 8HJ	020 8808 6816

UNITED TRADING COMPANY

Chingford	E4 7HZ	020 8559 4334
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Broxburn	EH52 5NN	01506 857613
Dundee	DD2 3QQ	01382 833011
Edinburgh	EH6 7LF	01315 542554
Glasgow	G31 4DX	01415 565200
Glasgow	G71 6LL	01698 817428
Inverness	IV1 1SY	01463 250318
Kirkcaldy	KY1 2YX	01592 654913
Linwood	PA3 3BQ	01505 321122
Melrose	TD6 ORS	01835 823640

NORTH WEST

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Blackpool	FY3 7UN	01253 398376
Bolton	BL3 2NH	01204 523336
Leyland	PR26 7QL	01772 453939
Liverpool	L9 7ET	0151 5212100
Manchester	M11 1BR	01612 307712
Manchester	M34 5LR	0161 3203456
St Helens	WA9 3AP	01744 611471
Wigan	WN3 4BT	01942 615030

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Warrington	WA4 4EZ	01928 796 100

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Huddersfield	HD3 4JW	01484 653373
Hull	HU4 6PA	01482 574577
Leeds	LS12 6AB	01132 631263
Leeds	LS9 0PF	0113 2351441
Rotherham	S60 1DA	01709 835500
Scunthorpe	DN16 1DQ	01724 854444
Sheffield	S9 1TL	0114 2434188
York	YO30 4UU	01904 476319

ROOFCARE NORTHERN

Scarborough	YO12 4HA	01723 375 851
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SOUTH COAST

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Bournemouth	BH12 4BJ	01202 731867
Eastbourne	BN23 6QN	01323 500458
Poole	BH15 4BN	01202 682491
Portsmouth	PO3 5AY	02392 690214
Portsmouth	PO3 5NX	02392 671521
Southampton	SO15 0LG	02380 365555
Waterlooville	PO7 5LT	02392 258344

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Finchampstead	RG40 4RB	01189 733788
Folkestone	CT19 5EY	01303 226888
Gravesend	DA12 2PS	01474 532999
Hastings	TN38 9ST	01424 853099
Horsham	RH12 2NW	01403 270640
Hove	BN3 7ES	01273 328640
Leatherhead	KT22 7LF	01372 361600
Lewes	BN7 2BQ	01273 488888
Maidstone	ME17 3JN	01622 843399
Milford	GU8 5BB	01483 425828
Ramsgate	CT11 7QE	01843 592772
Sidcup	DA14 6QF	0208 302 5451
Sittingbourne	ME9 7NU	01795 843967
Tunbridge Wells	TN2 3DY	01892 515599
Worthing	BN14 8NW	01903 201013

TYNE AND TEES

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Gateshead	NE8 3AD	01914 779474
Killingworth	NE12 6QQ	0191 2686627
Middlesbrough	TS2 1DF	01642 242753
Stockton	TS18 2PH	01642 677772

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Exeter	EX2 7JS	01392 446001
Newquay	TR7 2SX	01637 852660
Plymouth	PL1 4LL	01752 509538
Taunton	TA1 5LY	01823 323888
Torquay	TQ2 7BD	01803 613212

WEST

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Bath	BA1 3EN	01225 483828
Bristol	BS2 0UZ	01179 710085
Bristol	BS5 9RD	01179 412412
Bristol	BS3 2TN	01179 663072
Gloucester	GL4 3SJ	01452 521 347
Hereford	HR2 6JT	01432 273084
Oxford	OX2 0ES	01865 790303
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Swansea	SA5 7LF	01792 790272

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Birmingham	B19 1ED	01215 239143
Birmingham	B24 8LD	01213 273071
Coventry	CV6 6FG	02476 688754
Derby	DE24 8HL	01332 349155
Dudley	DY2 0RL	01384 472420
Leicester	LE18 4TA	01162 785262
Leicester	LE18 2QD	0116 2778676
Newark	NG24 2EQ	01636 611880
Nottingham	NG7 2NN	01159 851400
Nottingham	NG8 1PQ	01159 285999
Oswestry	SY10 8NN	01691 654551
St Ives	PE27 3YJ	01480 467776
Stoke	ST4 2NL	01782 280567
Stoke	ST6 2DU	01782 577330
Telford	TF1 5ST	01952 641161