

A Guardian Roof makes all the difference



The ultimate
solution for
new or existing
conservatories



PREMIER
SUPPLIES Warm Roofs Conservatories
Lanterns Bi-folds Windows

What is Team Guardian?

The Guardian™ Warm Roof is a superior, robust and dynamic product and a very practical addition to any conservatory. Whether it's installed as a replacement solution or specified on a new-build project.

However, one important ingredient to ensuring the roof delivers a long-term and high quality performance is the installation process.

And because of that, we have introduced a series of very measurable and detailed production standards – with help from our network of approved manufacturers (fabricators) but regardless of our opinion it's the home-owners who will ultimately determine the future and ongoing success of the Guardian™ Warm Roof system.

So, with that in mind, we have created a unique and simple route to market. As owners of the Guardian™ Warm Roof brand, we have encouraged

all our fabricators to insist that every retailer/installer becomes a Team Guardian™ member. It means that everyone who is responsible for selling and fitting our roof is trained, regulated, approved and authorised.

Being a Team Guardian™ member is your passport to success and once established, you'll soon be seeing extra sales and increased profits.

Here are just some of the advantages:

A) to the retailer/installer

- ✓ Increased sales opportunities with sustainable all-year-round profits
- ✓ National advertising campaign promoting Guardian™ Warm Roof as the market leader
- ✓ Full marketing support with hands-on help and advice on the options and opportunities within your local area
- ✓ Full technical support and in-house training
- ✓ Free Surveying assistance for difficult measures for all orders

B) to the home-owner

- ✓ To be certain of receiving consistently high standards during the whole installation process
- ✓ The confidence of dealing with a reputable company, who are authorised and competent
- ✓ The knowledge of guaranteed quality of both materials and workmanship
- ✓ The peace-of-mind feeling people get when dealing to the best local supplier who is fully trained and approved



How do I join Team Guardian?

Right from the start, we set-out to create a substantial and geographically efficient manufacturing network and there are now an established group of strategically located fabricators who each have the expertise and capacity to produce and build our warm roof product.

A full list of our UK Professional Production Facilities is available on our website:
www.guardianroof.co.uk/join-team-guardian/

Joining Team Guardian™ couldn't be easier...first of all, you'll need to select one of our fabricators and arrange a "Training Day". This is also a great opportunity to visit their factory and get to know the people behind the name and most important of all, you'll see exactly how the Guardian™ Warm Roof is designed, constructed and built. Your fitters will be able to take part in the assembly procedure and pick-up helpful tips and advice on the crucial installation process.

Once your fitters have had their training and seen for themselves the high level of engineering, the clever use of materials and the care and effort that goes into our roof system, you'll all be ready to join Team Guardian™.

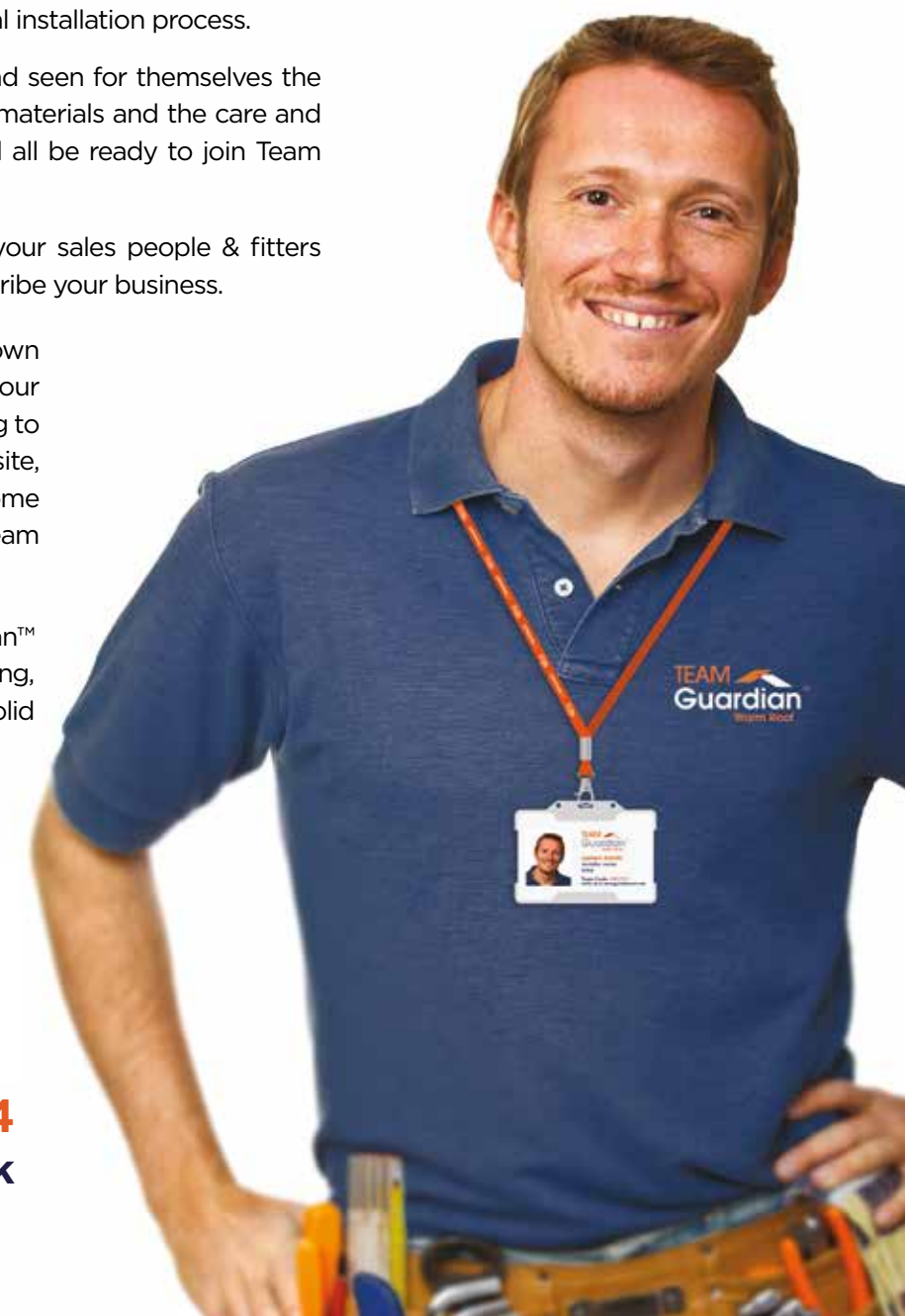
We'll need head and shoulder photo's of your sales people & fitters along with approx 100 words that best describe your business.

Each member of your team will get their own official identity lanyard and we will add your company name, contact details and wording to the "Find-an-Installer" section of our website, which generates a regular supply of home owner leads. We will then post-out your Team Guardian™ Welcome Pack.

You're now well and truly part of the Guardian™ Warm Roof family and ready to begin marketing, selling, installing and most of all, making solid profits from the Guardian™ Warm Roof.

PREMIER
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Lanterns Bi-folds Windows

Call us on: 01204 238084
www.premier-supplies.co.uk



Fully approved for the homeowner's peace of mind



Under certain criteria, the Guardian™ Warm Roof System would be exempt from Building Control approval – however, we strongly recommend that approval always be sought.

But, as the Guardian™ Warm Roof System carries LABC / LABSS certification, the Building Control process should proceed faster, smoother and without complication.

Due to the high performance insulation and with Building Control approval, the Guardian™ Warm Roof System, may allow the removal of the wall between the house and conservatory, providing the flexibility to extend and enlarge an existing kitchen, living room or bedroom.



In compliance with LABC / LABSS, the Guardian™ Roof is a ventilated roof. Slots in the ring and ridge beams allow air to flow freely through the roof thereby avoiding condensation and allowing any moisture to exit.

With many unproven roof conversions, moisture can form inside the roof causing staining and mould growth to the internal plasterboard, leading to deterioration or even failure of the roof components.

For Trade Sales, Call: 01204 238 084

Create a new living space in just a few days

The Guardian™ Roof System is designed to be of similar weight to a glass roof of equal size, so it follows the existing glazed walls. If correctly specified for the original glazed roof, it should be capable of supporting the replacement Guardian™ Roof System.



The vital first step is to remove the entire existing roof.



Timber packer and structural ring-beam are sealed and secured to the top of the window frames.



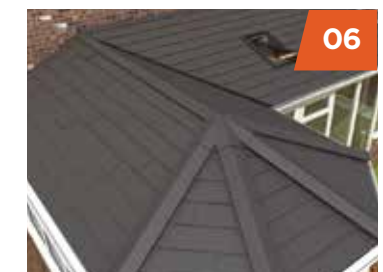
The aluminium rafters, ridges and wall plates are fitted and the spider arms are secured to the spider bracket.



Exterior grade ply-board is fixed to the rafters.



Breathable waterproof membrane is laid over the ply-wood and secured in place.



Chosen tile is added ensuring weathertightness and the gutter and external trim are secured in place.



3 layers of high performance insulation (between and over rafters, and insulated plasterboard), is installed.



A total of 125mm insulation is used for outstanding insulating performance.



A whole new living space.

The Guardian Slate: Ultimate lightweight slate solution

Today's house builders and owners demand lower cost, faster and easier construction without compromising on quality while maintaining a traditional appearance.

To meet these demands, we are constantly developing new, high tech solutions for today's construction industry. Engineered using the most advanced technology in material development and manufactured from resin bonded crushed limestone, Guardian™ Slate is extremely durable, impact and heat resistant and offers the highest level of UV protection.

Spacers for perfect alignment

Pre-marked fixing guides for quick & easy installation

Up to 60% lighter than traditional slate

Superior life expectancy will not crack, split or break

Ideal for new or replacement roofing projects

100% recyclable at end of use

'A' grade fire rated on a standard membrane

Consistent high quality and dimensional accuracy



Five natural colours

Guardian™ Slate is available in a choice of five natural colours, providing you the opportunity to add texture and style to your home. The colours have been tested to high UV exposure and exhibit virtually no fade and with no trace of cracking or splitting.



Metrotile Esprit, an ideal partner for the Guardian™ Warm Roof

The Metrotile is made from lightweight high grade steel with Aluzinc® coating for incredible strength and resistance and features a unique 'hidden fix' feature that leaves no nails exposed to corrosion.

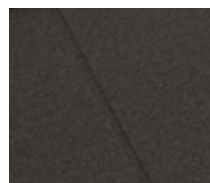
The choice of colours means the tiles can match or compliment virtually any home.



Coal Black



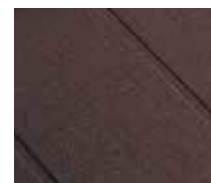
Bister Brown



Charcoal



Greenstone

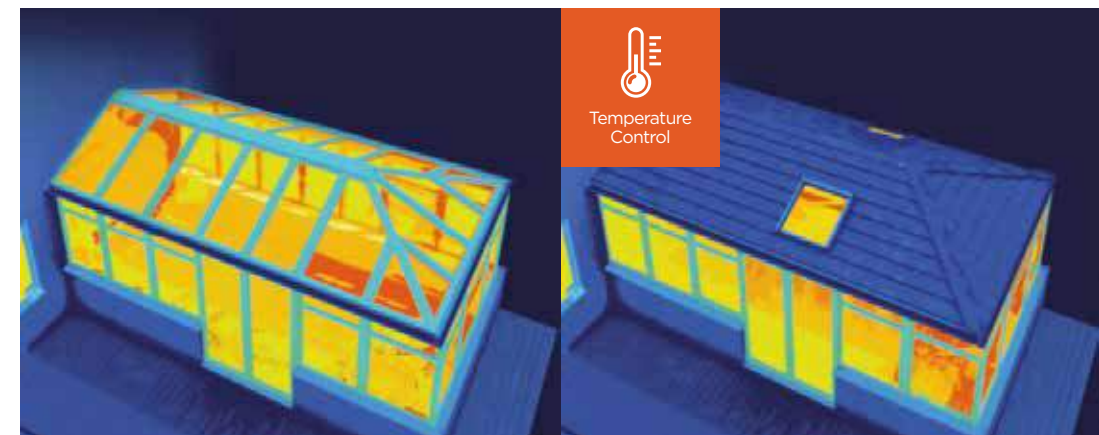


Burnt Umber



Scarlet

Thermographic imagery demonstrates 100% thermal reliability and continuous insulation



Heat loss from a conventional glass or polycarbonate roof

Heat loss **prevention** with a Guardian™ solid roof

- No cold bridging
- No condensation risk
- No interstitial moisture risk

i Fully tested and approved to all thermal and structural standards, the Guardian™ roof is a high performance insulated roof system



Edwardian

01

The Classic conservatory shape. Together with attractive roof windows the Edwardian Guardian™ Roof is the traditional option for styling and convenience, maximising the room space below.



Lean-to

02

The Guardian™ Lean-To is ideal to maximise space at the rear of the house. The ends can either have one or two hips (slopes). Ideal for kitchen extensions, the roof can go as low as 15° with roof windows.



Victorian

03

The Victorian roof is also ideal if you may not have much available space in your garden. The internal plaster finish on the roof has an attractive appearance with its facet front finish.



Combination

04

A P-shape simply combines the benefits of two different styles to maximise your living environment. A T-shape combination is available, as well as bespoke solutions to make your conservatory as individual as you are.



Gable Ended

05

The gable ended main feature is the continuous height it brings to the room due to its long central ridge.

The gable end allows you to get the most from your roof windows providing a light and airy space.



Guardian™ Warm Roof is suitable to replace your existing roof and also as an alternative on all new conservatory installations.

Save money on your heating bills



0.18
W/m.K
England
& Wales

0.15
W/m.K
Scotland

Thermal Regulations

To comply with part L of the building regulations 2010, all roofs to rooms (except those in unheated buildings) should be thermally insulated to a maximum U-value of 0.18 W/m.K

Structural

The building as a whole must be structurally sound. Any alterations that affect the original structure must be carefully considered. The foundations must be checked to ensure their suitability for an increased loading. The conservatory window framework must be assessed also and the new roof structure must be proven to be structurally sound.



RD Certificate Number: EWS320

Guardian Building Products – Guardian Roof

Description

Guardian Roof is a proprietary solid roof system to replace an existing translucent roof of a domestic conservatory or porch. This roof system achieves the u-values specified in Table 2 of Approved Document L1B. This registration applies to the roof only.

This Registered Detail Certificate is designed to fast-track, not remove, the requirement to obtain Building Regulation Approval through LABC. This can only be demonstrated through a Completion Certificate issued following satisfactory inspections made as part of a valid Building Regulation application by Local Authority Building Control teams.

Scope of Registration

Due to space limitations, the Registered Detail certificate should be consulted for the full scope of this registration.



Validity

This system has been checked for compliance in accordance with English, Welsh and Scottish Building Regulations.

Registration was first issued on 08/08/12 and is valid until 01/09/18 providing there are no amendments to applicable regulations.

Issue dated 5/10/2017

Further Information

For more detailed information including access to the full certificate and supporting documents please use this link
<http://www.labc.co.uk/our-services/registered-details/ews320-guardian-roof>

Guardian Warm Roof

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Did you know?

New conservatories and porches less than 30m² in floor area and thermally separated from the main house with external quality doors and windows are exempt from the requirements of the Building Regulations 2010 (as amended).

However if you are planning to reroof an existing conservatory with a solid roof rather than a translucent roof, then a Building Regulation Application is required. This is because conservatories and porches are traditionally lightweight in nature and not generally designed to carry the weight of a solid roof. Therefore, there is a real possibility of movement or even collapse and the application is needed to ensure that this will not occur.

Potential pitfalls

There are several methods of reroofing an existing structure on the market - the easiest and often cheapest way is simply to wrap a new roof over and under the existing roofing system. However, this method is the most likely to overstress the existing roof and wall structure and great care is needed. If you are offered this solution, you should ensure the company quoting to do the work can evidence the stability of the structure with the increased loading and satisfy both you and your local authority building control team of its adequacy.

If the roof is an existing polycarbonate roof it is very unlikely that this method can be done safely and you should not commit to any expense until you are satisfied that it has

Viewpoint:

Householder guide to reroofing conservatories and porches

been shown to be effective. There is also potential to introduce a condensation problem that will inevitably occur if plasterboard is applied to the underside of the existing roof with little or no insulation above it.

“...you need to check further, otherwise you may be left with something that could become a real danger when snow and wind loads are applied...”

Other methods require removal of the existing roof and replacing it with a new roof that is supported by a reinforced eaves beam. This transfers the additional weight either through vertical supports within the existing windows or by new columns introduced either inside or outside of the structure. It is important to ensure that existing foundations can carry this weight so a trial hole is also needed to check adequacy.

Salesmen visiting your property to quote for the work should be able to reassure you that they can provide you with this end-to-end certified service. If they can't then you need to check further, otherwise you may be left with something that could become a real danger when snow and wind loads are applied to a structure incapable of carrying the additional weight.

Registered Detail certification

LABC offers Registered Detail certification to companies that undertake this type of project. For those operating nationally, a partner scheme also allows installers to submit applications on your behalf and ensure certification is provided to you at completion of the project.

Not only is each application checked for structural analysis and thermal compliance of the new structure, local authority surveyors will visit your site to ensure the work is installed properly and in compliance with the Building Regulations to provide you with complete confidence in the work. Details of companies holding Registered Detail certification can be found at www.labc.co.uk/registereddetails or by asking your local authority building control team.



About Local Authority Building Control (LABC)

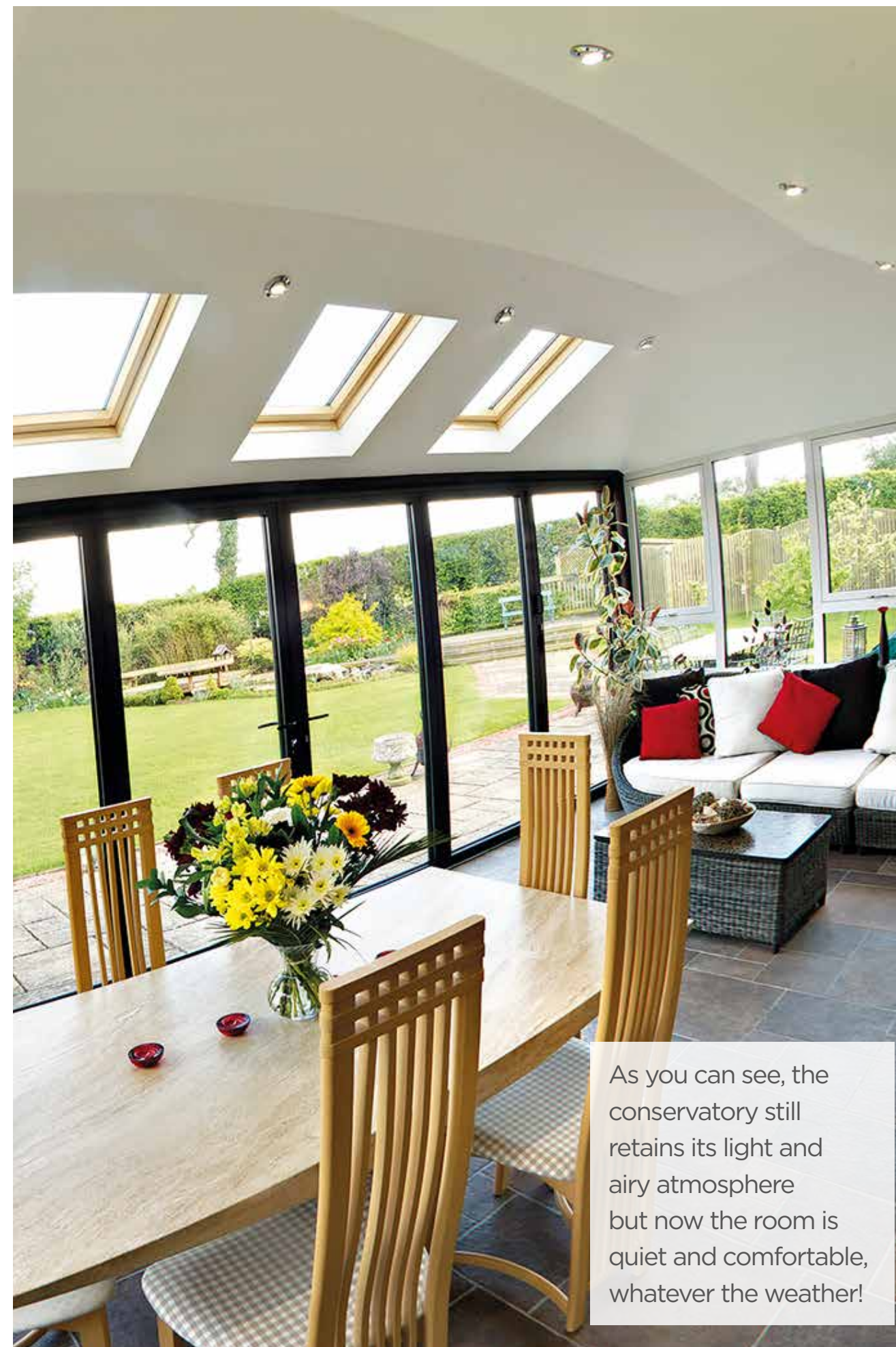
LABC is a not-for-profit membership organisation that represents all local authority building control teams in England and Wales. Our local teams will work with you to ensure compliance with the Building Regulations. Having building work approved by your local council's building control team guarantees that the work is safe, as well as protecting you against rogue builders. We provide the Completion Certificates you'll need if ever you want to sell your home.

Our members provide:

- Value for money
- Free advice before application
- Site visits
- Peace of mind

Use the postcode search on our website to find your local authority building control team.

Visit www.labc.co.uk for more information.



As you can see, the conservatory still retains its light and airy atmosphere but now the room is quiet and comfortable, whatever the weather!



PREMIER
SUPPLIES Warm Roofs · Conservatories
Lanterns · Bi-folds · Windows

Premier Conservatory Supplies

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