

## Seeing the future in

As window manufacturers strive to achieve higher insulation performance, triple glazing is increasingly being seen as the next step to take. We present here a few industry companies that are already in the market for triple glazing.

# triple



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As window manufacturers strive to achieve higher insulation performance, triple glazing is increasingly being seen as the next step to take.

Matthew Glover, founder and Managing Director of **Conservatory Outlet**, is a firm believer in triple glazing. He believes it will help reduce emissions and as I saw at the recent dealer conference, Conservatory Outlet is keen to move the industry forward performance-wise.

"Building Regulations could call for a U-value of 1.2 in less than five years so I feel that the future will be triple glazing", says Matthew.

"We've calculated that if you install triple glazing, you get carbon payback within two years from the embodied energy in the manufacture and installation with the savings that you get back over the lifetime of that window."

Conservatory Outlet's dealers voted in favour of launching triple glazing, using a

Synseal Synergy window with a special bead that allows for a 40mm cavity.

Triple glazing will be an opportunity to reinvent the window sale and get away from the negative image of the double glazing salesman.

And the cost? "We believe that on an average house, the difference will be £400-500 extra to put triple glazing in", says Matthew Glover. "About a 10 per cent increase on a typical installation. That's with the installer making a bit more margin and allowing for the extra cost of the glass."

Phil Turley of sealant supplier **Kommerling UK Ltd** sees triple glazing as a logical step for the UK to take: "It's common for people to say that we are five years behind the Germans. Now that Window Energy Ratings are integral to Building Regulations, it might reduce this time."

Triple glazing means more glass and more sealant, the most expensive components in a sealed unit, so it's important that the industry doesn't undersell triple glazing, he insists.

**Black Millwork**, a supplier of timber windows and doors for newbuild and refurbishment, is extending its significant portfolio to include a high-quality triple glazed option across a number of its products.

Gary Hutton, General Manager at Black Millwork said: "Triple glazing is an additional tool for specifiers seeking maximum durability and thermal efficiency, and is best suited to quite harsh conditions – such as coastal properties or those exposed to high winds and severe weather.

"As well as offering this sustainable technology in a variety of aesthetically pleasing, high performance finishes, we are able to give advice and guidance to specifiers on getting the most value from the product. For example, it is important

that they consider the direction a building is facing. The windows of an exposed, north facing property could well benefit from the additional warmth offered by triple glazing, but they may not be necessary on the south facing side."

Triple glazing will be available for a number of products, including the H Frame, tilt and turn, and flush casement windows. Furthermore, Black Millwork is able to offer triple glazing for traditional sliding sash windows.

Lancashire glass processor **Regency Glass Ltd** has invested further in triple glazing production. Steve Massey, Sales and Marketing Manager explains "We anticipated prior to the building regulation changes in 2010, that along with increased Argon gas filling, triple glazed units would also be in demand. This is because ever lower U-values are required to meet the energy efficiency targets for the new build sector.

"We already had automated triple glazing capability, so our first Lisec gas press and when we installed our second Lisec gas press last summer, we thought it prudent to include the option with the new installation." Wayne Fitzmartin, Regency Glass Director adds "Manual processing of triple glazed units is slow and doesn't always give the same consistency and quality that is needed for market requirements. We have seen a steady increase in quotes for triple glazed units with orders beginning to filter through. We expect this to increase as the new build sectors' energy saving rules are tightened and higher levels of code for sustainable homes become more common."

Regency Glass Ltd is able to offer triple glazed sealed units that meet Secure by Design parameters with sealed unit U-values as low as 0.5W/m<sup>2</sup>K.

**Enquiries:** [www.conservatoryoutlet.co.uk](http://www.conservatoryoutlet.co.uk), [www.kommerlinguk.com](http://www.kommerlinguk.com), [www.regencyglass.co.uk](http://www.regencyglass.co.uk), [www.blackmillwork.co.uk](http://www.blackmillwork.co.uk)

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## **TRIPLE GLAZING**

**Black Millwork**, the all round supplier of timber windows and doors, is extending its significant portfolio to include a triple glazed option across a number of its products.

A popular specification choice in Scandinavia, triple glazing is designed for builds in exposed locations or extreme weather conditions, where maximum thermal efficiency is required.

In addition, triple glazing provides increased acoustic performance, making it suitable for properties near main roads or other areas where noise reduction is a consideration.

Gary Hutton, general manager at Black

Millwork said: "Although triple glazing is not appropriate in every situation, we want to offer our customers the widest choice possible and we are pleased to add this latest option to our range of products. Triple glazing is an additional tool for specifiers seeking maximum durability and thermal efficiency, and is best suited to quite harsh conditions – such as coastal properties or those exposed to high winds and severe weather."

