

Energy Plus Launched...

...Eighteen months after launching the first dedicated PVC-U window system designed to achieve top energy ratings and top security performance, Liniar has launched an extension to the range called Liniar Energy Plus. This next generation, energy efficient window profile pushes the boundaries of thermal performance even further.

Liniar Energy Plus is a significant development that extends the capability of Liniar fabricators enabling them to achieve the highest Window Energy Ratings (WERs). It has been designed to optimise thermal performance without the need for costly thermal inserts. Liniar Energy Plus is an integral part of the 100% lead free Liniar system, interchangeable

with all existing profiles and fully compatible with existing accessories and hardware. Simulations show that Liniar Energy Plus can achieve a window energy rating of A+8. It can also achieve an A rating with normal float glass on the outer pane rather than the more expensive low-iron glass required with other systems.



Liniar broke new ground 18 months ago with an innovative window system that is more thermally efficient than other aging systems, one that helps fabricators achieve WERs without compromising security. It also pioneered several other fabricator-friendly innovations to improve productivity and help customers make, install and sell more effectively.

Design Director Adrian Redshaw comments:
"WERs are gathering momentum. The addition of our new Energy Plus profiles will ensure we stay ahead of the competition and demonstrates our commitment to investing in next generation products. The best has just got better and this high performance extension to our product range is another good reason to buy Liniar."

/ Liniar wins 100th fabricator in record time

Liniar, the innovative window system from HL Plastics, has won its 100th fabricator customer as sales continue to accelerate.

Carousel Windows in Bradford, which fabricates and installs windows, doors and conservatories,

has become Liniar's 100th customer. Director Steve Lister says he decided to switch to Liniar because it offered the full package. "We wanted to work with a supplier who offered a modern profile and good service. When we looked at Liniar we found it offered everything we wanted from a sculptured profile. It is energy efficient, offers top

security and is lead free. All our customers are very happy with the products we offer because Liniar looks good too."



/ 100% lead free

Being 100% lead free is a major benefit for Liniar, HL Plastics' innovative window system. Under the Vinyl 2010 agreement, PVC-U profile manufacturers should cut lead stabilisers by 50% in 2010.

But while several system companies are struggling to make the change away from lead, Liniar was designed with a lead free market in mind. Managing Director Roger Hartshorn comments: "Some systems companies have struggled to move away from lead. This could mean uncertainty for their customers over the quality and validity of guarantees and certification from

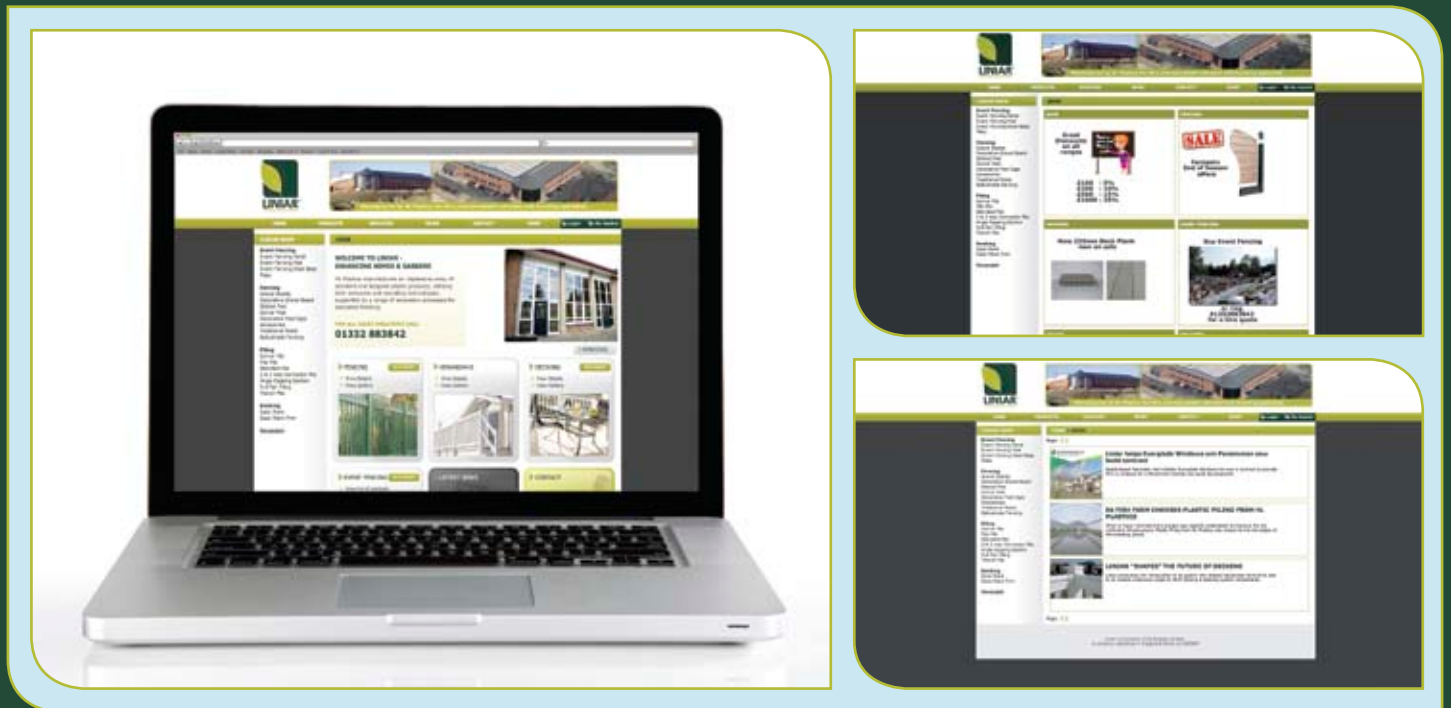
the BSI and BBA. Installers are on the front line and we should be doing everything we can to help them fight back against environmental lobbyists who frequently attack PVC-U.

Appropriately designed PVC-U windows significantly improve the appearance of a property and are environmentally friendly achieving the top 'A' rating in the BRE Green Guide to Specification. Because Liniar is 100% lead free our customers and their installer customers can sell confidently and easily to homeowners who want environmentally sound products." Being lead free is not Liniar's only benefit. It also offers security and top thermal performance in the

same window so homeowners don't have to compromise or choose one over the other. Roger adds: "Providing fabricators and installers with products which meet all homeowners' requirements is a great advantage when they're competing for a sale, as many of our customers tell us."



/ New Look Liniar Website



Liniar has given liniar.co.uk a new look, and customers can now buy decking, fencing and piling online.

The upgraded website makes it easier for customers and prospects to access the information they need on Liniar's range of

products, including its innovative window system. Technical manuals and brochures are available to download to help customers with any queries. The website is also kept up-to-date with the latest news.

Operations Director David Lennox says: "We've developed the website so customers can get the products,

information and support they need more easily. Visit www.liniar.co.uk to see for yourself!"

**Buy online
at the new look
liniar.co.uk**

/ New products

01/ New Cills launched

Liniar's new LSL150 & LSL180 Cills are welcomed to the family of products. Resembling the popular LCL165 Cill and sharing many of its features, the replacements to the outgoing LCL150 and LCL180 are deep-nosed and include the standard Liniar snap-fix dovetail on the underside, ideal for cleat or frame extension fix.

A short leg is included on the platform, enabling the use of a Glazing Flipper creating a perfect seal everytime, all without silicon.

To complete the range are in-line 150mm Cill Joints LM0354 135° Cill Joint LM0355 and finally a 90° 150mm Cill Joint LM0356.



02/ New Structural Joint & Capping

Liniar's new structural joint assembly was designed manufactured and delivered inside six weeks to ensure Alternative Windows were on site at Talbot Primary School, Leeds for a replacement contract with Leeds City Council. Designed specifically with wind loadings in mind, the assembly offers a quick and simple way of joining tall or wide structures whilst maintaining the necessary rigidity.



03/ Thermal Dam

(Patent applied for)

Designed specifically to meet PassivHaus recommendations and achieve an overall window U value of 0,8 Wm²K when used in conjunction with Liniar's new triple glazing bead, by creating a series of air pockets under the frame.



Thermal transfer remains in check and helping achieve exceptional U values / Window Energy Ratings. (Available Feb 2010)

/ Liniar staff become BFRC approved certified simulators

Liniar customers will find it even easier now to achieve Window Energy Ratings (WERs). Two staff members have been approved as certified simulators by the British Fenestration Ratings Council (BFRC). Chris Armes and Colin Sharpe achieved the standard required in record time. They attained the status in only one month!



As certified simulators Chris and Colin can now assist customers achieve optimum energy ratings using a wide range of glazed unit combinations.

Liniar has been designed to achieve the highest WERs. It was designed in conjunction with Therm software

to achieve exceptional thermal performance by ensuring the most efficient use of all elements, maximising performance and minimising unnecessary materials. Liniar conducts continuous thermal simulations using a variety of glass, gas and spacer bars so fabricators can easily achieve a full suite of energy efficient windows. Liniar's comprehensive library of results means Liniar can advise customers of the most cost effective route to their selected 'A', 'B' or 'C' rating.

Liniar can also achieve an 'A+8' rating with an appropriate 28mm double glazed, argon filled unit, without expensive thermal inserts. More importantly, thermal excellence does not come at the expense of security: the same window is BS7950 accredited for enhanced security.

**Sales Director
Howard Hirst comments:**

"We're delighted that Chris and Colin have achieved their new status. It means our customers can rely on Liniar to help them achieve the highest levels of thermal efficiency. As a result our customers are well placed to take advantage of all the opportunities WERs offer."

Well done Chris Armes



Liniar's Chris Armes completed a 5 mile run in the pouring rain to raise £100 for his chosen charity Asthma UK. Chris finished the Dovedale Dash in 674th place with over 1,500 runners. Well done Chris!

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/ Looking forward



And so we say farewell to another year, a tough year that will not be fondly remembered by many employers and employees alike.

That said, Liniar has continued to bolster it's position within the marketplace, a position that will be further reinforced in 2010 with the introduction of a raft of new and exciting products, aimed at handing customers a competitive edge.

"I would like to take this opportunity to thank all involved with Liniar, customers, staff and suppliers, for their continued support and wish you all a happy and prosperous new year."

Roger Hartshorn