

NEW BRETT MARTIN SYSTEM WILL PUT SHEDS DELEGATES ON CLOUD 9

A step-change improvement to the thermal performance of its triple-skin rooflights – available at no additional cost – has been launched by Brett Martin Daylight Systems.

Employing the full expertise of the main Brett Martin Group, the largest extruder of polycarbonate in Europe, the well-established manufacturing process has been developed specifically to meet the demands of the UK rooflight market using brand-new extrusion techniques.



The result is Cleartherm 2 – a 10mm quadruple-wall polycarbonate sheet that provides a U-value of 1.3W/m²K when installed into any site-assembled profiled rooflight. Manufactured with much thinner polycarbonate skins than has previously been possible, keeping weight (and hence cost) to an absolute minimum, the glass-like clarity of the thin skins maximises light transmission.

The new quadruple-skin product transmits as much light as the twin-skin product it replaces and, critically, it provides significantly better light transmission than any other rooflight with similar levels of thermal performance.

Variants of Cleartherm are available which can provide U-values as low as 0.9W/m²K, and all variants of Cleartherm can also be fitted inside factory-assembled Multivaults and rooflights to provide Energysaver FAIRs with the same level of thermal performance.

www.daylightsystems.com/cleartherm2

BRETT MARTIN FIRING ON ALL GREEN CYLINDERS

Brett Martin Daylight Systems saw 2008 off to a flying start with its first regular audit for the Environmental Management System ISO 14001 – a re-appraisal it passed with flying colours.

The company gained ISO 14001 status at our first attempt in June 2007 and since then our ever-increasing commitment to sustaining the environment has continued to win us brownie points.

The auditor who performed the most recent assessment in January said it was one of the most straight forward he had carried out in recent months and that he was “scraping the barrel” to even suggest areas for improvement.

Such commitment has helped Brett Martin Daylight Systems reduce its risk level from medium to low with the IPPC (Integrated Pollution Prevention & Control) permit issued by Coventry City Council.

Among the environmental initiatives we have put into practice at our rooflight factory in Coventry are:

- Replacing the timber pallet packaging of our factory-assembled insulated rooflights (FAIRs) with recycled cardboard which is easier for our customers to dispose of,
- Introducing new insulating films which improve the U-values of our rooflights,
- Reducing litter and waste vehicle movements on site, the latter by up to 33%, by changing from front-loading bins, which did not always contain the litter effectively, to skips which do,
- Re-using inbound cardboard boxes to send out tapes and sealants,
- Recycling waste GRP film, helping to save 110 tonnes of landfill per year,
- Reducing water usage by 30%,
- Using formed rather than stock lengths of the underlap strips in our factory-assembled insulated rooflights (FAIRs) to reduce the amount of waste steel by 28%, or 13.5 tonnes per year,
- Recycling chemical drums that used to go to landfill,
- Training more of our people in correct waste disposal and spills containment,
- Using new trucks with better fuel consumption levels and less polluting engines,
- Mapping energy usage across the site generally to identify areas for improvement.



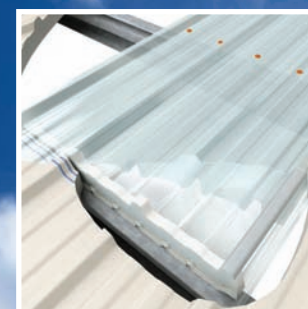
Tom Ogilvie
Managing Director
Brett Martin Daylight Systems



ISSUE 1

Highlights

The natural choice for natural light



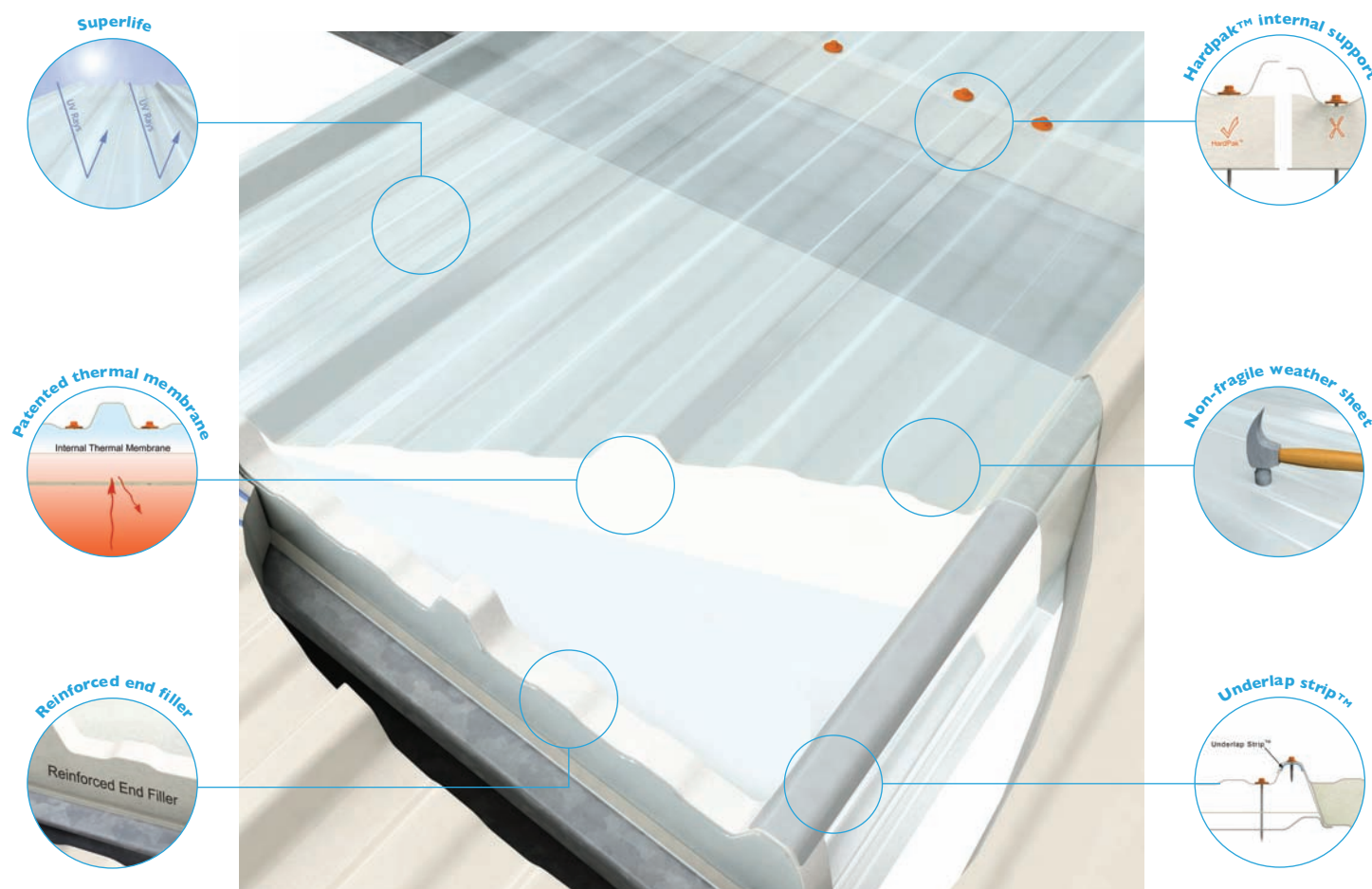
BLUE SKY THINKING PAYS OFF WITH THE LAUNCH OF CLEAR THERM 2 AND SUPASEAL ULTIMATE ENERGYSAVERS
BLUE SKY THINKERS THINK GREEN


supaseal


energysaver


cleartherm2

ULTIMATE ENERGYSAVERS



An innovative range of enhancements to rooflights specially designed to maximise the transmission of natural light into, and reduce the carbon footprint of, wide-span buildings such as distribution centres and warehouses has been launched by the UK's blue-sky thinker, Brett Martin Daylight Systems.



Compatible with a wide range of composite roof panels, the **Energysaver** range does just what it says on the tin – save energy. To the extent it can help a building achieve compliance with Parts L2A and L2B of the 2006 Building Regulations.

Energysaver rooflights offer a U-value of 1.9W/m²K as standard thanks to a patented transparent internal insulating membrane. The innovative new Cleartherm 2 patented transparent internal insulating membrane can be incorporated to offer a U-value of 1.3W/m²K, with options as low as 0.9W/m²K.

This partitions the space within the rooflight and creates an additional heat barrier, providing outstanding insulation for minimal extra cost and, critically, it achieves this without reducing

light transmission. Independent research by De Montfort University shows that installing Energysavers at areas up to 20% of the roof area ensures excellent lighting levels, reducing the need for use of artificial light – saving costs at the same time as optimising the internal environment for performance purposes whether it is factory floor workers or shoppers.

Energysaver rooflights incorporate a host of unique features designed to make installation simple, rapid and totally reliable, minimising any risk of remedial work being required.

These include the third generation of unique, totally rigid Hardpak internal supports that allow fasteners to be fixed securely without flexing the sheet. They allow fasteners to be

correctly tightened while avoiding potential “dishing” that could result in water pooling, eliminating risk of leaks at fasteners.

Energysavers also now incorporate as standard the newly upgraded underlap strip – a single continuous length of fully profiled metal reinforcement to allow use of standard fasteners in the underlap side (eliminating the need for laploks).

Reinforcing end panels and advanced sealants make the Energysaver range particularly robust and easy to handle as well as quick to install, weathertight and long living.

In addition, all Energysavers are now supplied as standard in ECOpac packaging – simple and lightweight, minimising the use of packaging materials while providing robust protection during site handling and offering total protection from weather or dirt during storage.

The **Universal Fair** option is as robust and simple to fix as all other Energysavers, and includes a patented method of support for fasteners at any point along the length of the rooflight, eliminating the need for additional support at intermediate purlins – ideal for refurbishment projects where purlin positions can be difficult to ascertain.

Naturally, all Energysavers are non-fragile and can be tailored to meet specific requirements, achieving optimum levels in insulation, safety and fire ratings. Delivered to site as a ready to install unit, they are equally suitable for refurbishment as they are for new-build.

Call 024 7660 2022 for your copy of our new **Energysaver** or **Part L** brochures.

www.daylightsystems.com/energysaver



NEW BRETT MARTIN DAYLIGHT SYSTEMS ROOFLIGHT FILLER TROUNCES ITS RIVALS

Brett Martin Daylight Systems has extended its range of rooflight fillers and sealants with the launch of a new filler that showed outstanding performance in a series of crucial tests.

Supaseal combines some of the best features of Brett Martin's other fillers, being based on standard polyethylene and being the same weight but having the feel of EPDM.

As expected from the longstanding leaders in daylight systems where UV light is always an issue, Supaseal's performance was particularly impressive in the tests for flexibility after UV exposure and strength after UV exposure.

It was also outstanding in compressibility, thermal ageing and flexibility and performed well in the strength test.

Supaseal scored its best result in the thermal ageing test in which it performed up to six times better than the other test fillers.

Call 024 7660 2022 for your copy of our new tapes, fillers and sealants brochure and price list.

www.daylightsystems.com/accessories

BRETT MARTIN PACKAGING GOES GREEN

Brett Martin Daylight Systems has reinforced its commitment to sustainability by introducing greener packaging that also gives its rooflights added protection from the weather and on-site handling.

ECOpac was launched in response to sub-contractor customers who were finding it increasingly difficult to dispose of the old, timber pallet packaging used on Brett Martin's factory-assembled insulated rooflights.

The timber pallet system gave excellent protection against damage during transport and site handling but used substantial quantities of timber – some several hundred tonnes every year – which often had to be disposed of on site.

Brett Martin Daylight Systems, who were recently re-awarded the Environment Management System ISO 14001 standard that the company first gained last year, recognised the need for a more convenient approach that reduced the amount of packaging material needed in the first place while providing even better protection for the rooflights, and began an extensive research and development project.



ECOpac comprises a recycled card base, with pallet bearers and corner protectors, all bound together with recyclable shrink film. Not only is this strong enough to hold the rooflights together under tension to create a single pack, providing better protection than the original packaging, it also gives complete protection from adverse weather conditions and dirt on site.

www.daylightsystems.com/ecopac