

FILON[®] roofscape

Your regular update from the leader in GRP building products

Roofing & rooflights across the spectrum

In this issue of Roofscape:

- **NEW** valley trough system
- Northlights refurbishment
- Easy-fit canopy system
- Chemical resistant GRP sheets
- **NEW** reinforced rooflight grades
- ...and much more!



COMMERCIAL



AGRICULTURAL



DOMESTIC



INSTITUTIONAL



INDUSTRIAL

Welcome to roofscape

I have thoroughly enjoyed setting up and editing this publication over the last few years, but as technology moves on so must we. The next issue of Roofscape will be published in an exciting on-line 'flip-book' format with interactive features. Please email us at sales@filon.co.uk to ensure that a link to the first interactive issue comes direct to your mail box. Roofscape interactive will also be available on our new website, so you can get free access without even leaving your desk!

In this issue, we're focusing on more great innovations resulting from the hard work and commitment of the team at FILON. Take a look at pages 4 and 5 to see our latest innovation in lead-free valley gutters and pages 6 and 7 to see the latest development in rooflight technology. Our ideas are often copied, which in some ways we take as a compliment, but as yet none have been bettered.

Anyway, more soon, so watch this space...and don't forget to visit our new website.



David Hathaway

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Director of Sales, FILON Products

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People power drives progress at FILON Products

FILON Products is delighted to welcome Mark Wilcox, who joins FILON's management team as UK Business Development Manager.

Mark's background and experience in the rooflight industry will be an important asset to the company as it continues to diversify its product range.

Other members of FILON's management team have recently reached significant career milestones. Eric Burton, Commercial Manager, has just celebrated 50 years as a FILON employee. Director Julie Cox celebrates 40 years with the company and Managing Director, Ron Allen, reaches the 40 year landmark later this year.

"I'm proud of our employment record over the years", said Ron Allen. Attracting and retaining quality people has been key to our success and allows us to offer excellence, experience and continuity to our customers. He continued: "Thank you and well done to



Ron Allen
Managing Director

Mark Wilcox
UK Business Development Manager



Julie Cox
Financial Director

Eric Burton
Commercial Manager

Julie and Eric for their huge contributions and a big welcome to Mark, who's energy and experience will further strengthen our management team. ♦

New FILON website: the information you need – when you need it!



FILON Products has a new website, designed to provide fast, easy access to product data and other information. The website covers FILON's complete range of rooflights, roofing and other products including GRP cladding and sign plate. "Our new website will play an important role as a hub for customer communications, with new features including our on-line CPD seminars", said Ron Allen, FILON's MD. Visit the new website at www.filon.co.uk. ♦

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Fixsafe well received at RICS London forum

Steve Vickers, Filon's Technical Sales Director, gave a presentation on industrial rooflights at The Royal Institute of Chartered Surveyors' Dilapidation Forum Conference in London at the end of last year.



Steve Vickers
Technical Sales Director

The presentation covered the various types of industrial rooflights and how to recognise deterioration characteristics, before outlining correct repair procedures.

The forty minute presentation was well attended and very well received.

Delegates showed particular interest in FILON's Fixsafe System, developed to replace roof sheets from below - without the need to access fragile roof areas.

This development has made a significant contribution to safety in roof refurbishment as well as creating spin-off cost benefits by removing the need for safety netting and roof staging.

For information about roof refurbishment with Fixsafe, visit www.filon.co.uk, or call us on 01543 687300. ♦

Mitie Tilley Roofing – an apology

In our last issue of *Roofscape* we mistakenly referred to Mitie Tilley Roofing Limited by an incorrect company name. We extend our sincere apologies to them and will ensure that this error is not made again. ♦

FILON's world-beating DR double reinforced rooflight range gets even better...

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Finesse makes light work of northlights in Devon

FILON's Finesse system was chosen for a 950m² northlight refurbishment project at a business park in Plympton, Devon.

Jade Aden Services Limited were tasked with replacing the profiled roof and defective Georgian Wired Glass northlight rooflights on this large industrial premises in Plympton. Having used the Finesse system previously, the team at Jade Aden were aware of its practical advantages as well as its capability in terms of compliance with The Building Regulations.

The Finesse system can be glazed using solid polycarbonate sheets, or as in this case, a 25mm multi-wall polycarbonate, giving the system a U-Value of 1.8 W/m²K, making a very significant contribution to Part L compliance. The system also achieves a Class B non-fragility rating in accordance with the drop test regime within ACR[M]001:2011.

A further advantage in this installation, was the ability of the system to interlink with the existing composite panelled units which were used to form fire breaks between the different units in the business park.

The special flashing that bonded the Finesse panels to the composite sheets provided an excellent seal, quickly and easily. Once the existing Georgian Wired Glass had been removed and the existing purlins checked for structural integrity, the Finesse standard aluminium bottom flashing was fixed at the eaves, into which the Finesse panels were inserted along with the carrying bars and fixing clips. The assembly was capped using FILON's purpose made aluminium flashing.

The installation was completed well within the schedule and the building occupiers now enjoy improved thermal performance of the rooflight, higher light levels and of course, no water ingress.

Download Finesse Case Studies at www.filon.co.uk/downloads. ♦

FOR FURTHER INFORMATION ABOUT
FILON PRODUCTS, PLEASE CALL
01543 687300 OR VISIT WWW.FILON.CO.UK

New valley system makes roofing best practice better ...and simpler!

FILON Products has introduced an innovative new valley trough system combining GRP valley troughs with flexible yet durable rubber top and eaves closures, making it simpler than ever to achieve very high quality roof finishing without the need for special skills – and without the risk of lead theft.

FILON's V-Flow DF dry fix system provides a practical solution that will benefit specifiers, contractors and building owners/occupiers.

In recent years, the increasing popularity of dry fix valleys has placed greater emphasis on lead dressing skills at hips and sprocketed eaves. Recognising this fact and aware of the continually growing problem of lead theft from buildings, FILON's R&D team set to work to develop a solution which would overcome these problems in a cost-effective way. Light-weight V-Flow components reduce risks to roof operatives caused by handling heavy, toxic lead.

A flexible rubber-based material was selected. This could be moulded to not only match the profile of the valley trough but also be flexible in order to keep the form of

the valley trough and allow for a change of pitch when required.

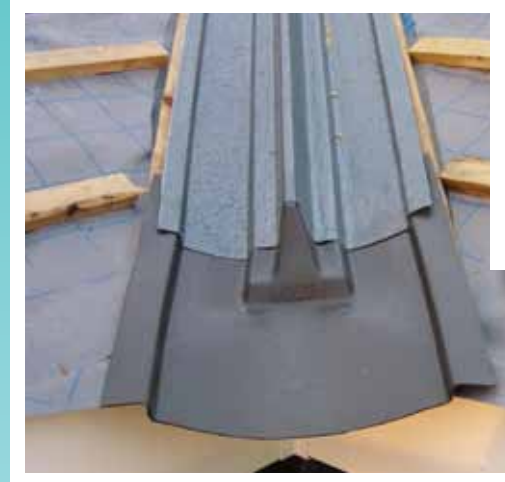
Drawing on experience obtained from Act Roofing Ltd of Wakefield, who were assisting us with the site trials, and from the team at the National Construction College, it became apparent that the biggest problem when valleys met at the top of the hip was poor workmanship, which often led to leaks. With this in mind, the flexible top closure was developed: matching the profile of the V-Flow DF valley and providing an inverted 'v' shaped moulding to locate into the GRP valley troughs at the roof hip.

Finishing the valley at the bottom required a simpler solution, with the closure simply trimmed to allow effective water run-off to the gutter.

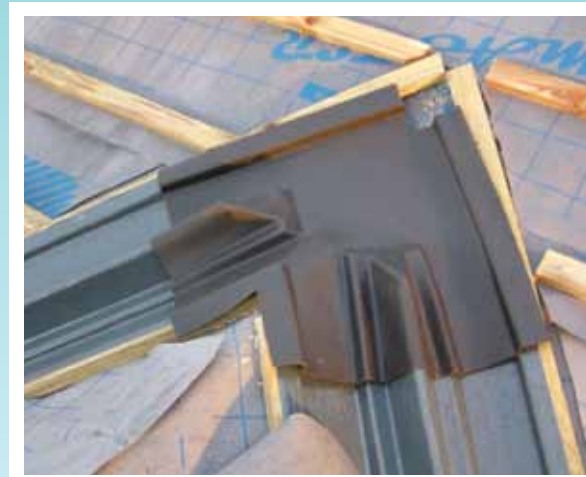
The entire system, including the GRP and flexible components, can be recycled at the end of working life – another important area in which FILON is a construction industry leader.

The system is now available nationwide through specialist distributors.

For further details, call FILON on 01543 687300, or visit www.filon.co.uk. ♦



The GRP valley trough locates over the flexible eaves closure piece.



The flexible top closure is fixed in position over the two joining FILON V-Flow DF valley troughs.

FILON - working with the National Construction College

FILON were grateful to be able to draw on the expertise of the staff at the National Construction College's campus in Kings Norton, Birmingham, in the development of their new GRP simulated lead V-Flow DF (Dry Fix) system.

The National Construction College is focused on creating a highly skilled, safe and professional UK construction workforce. To achieve this the college has more first-class instructors in more locations than any other construction training provider in Europe and offers free

professional advice on training. Experienced instructors at the College provided invaluable insight into roofing skills required to carry out successful valley gutter installations and this in turn helped our R&D team to focus their efforts.

The resulting system is seen as an important development, bringing health and safety benefits as well as the more obvious advantages resulting from the simplicity of the design. For information about the college, visit www.cskills.org. ♦





The eaves closure piece is cut to allow water discharge into the gutter.



The completed installation: neat, tidy and effective – with minimal on-site time.

Beats lead theft, saves time, improves safety

Register NOW for Roofscape on-line

From the next issue, Roofscape will be published in an exciting interactive digital format. You can view it on our new website, or if you'd like to receive a link direct to your inbox, please email us at: sales@filon.co.uk or register on-line at www.filon.co.uk



NEW
interactive
digital
format

NEW
V-Flow DF
SYSTEM



Simulated lead GRP Valley Troughs

All the advantages – none of the drawbacks...

- Quick and easy to install – no specialist skills
- Lightweight – easy transportation & handling
- Eliminates the problem of lead theft
- Suitable for use with natural or man-made slates and clay or concrete tiles
- Virtually maintenance-free
- Proven life expectancy of 20 yrs +
- Available through specialist distributors nationwide

**Replaces
LEAD**



To find out more about V-Flow valley gutters, call us on

01543 687300

or visit www.filon.co.uk



FILON®

Citadel GRP for state-of-the-art galvanising plant

FILON's Citadel chemical resistant GRP sheeting has been used to provide roofing and cladding at a new £6m galvanising plant in Sawtry, Cambridgeshire.

East Anglian Galvanizing Ltd is part of Wedge Group Galvanizing, the UK's largest hot dip galvanizing organisation with 14 plants strategically placed around the UK offering customers a national service.

The new Sawtry plant was designed by Vincent and Gorbing Architects and Town planners, who had noted that FILON Citadel GRP Rooflights on other plants had performed extremely well in the harsh conditions of the galvanizing processes.

Working with FILON's technical team it was decided that Citadel sheets would provide the ideal solution for this plant, providing a combination of light weight and excellent aesthetics, with the required chemical resistant performance.

The project was unusual in that the GRP sheeting was utilised for all of the wall cladding and fixed internally. This provided extra protection to the main support structure.

FILON's DR double reinforced sheeting was



used for the vertical cladding and Supasafe triple reinforced sheets on the roof, both with the Citadel process applied.

The Citadel process can be tailored to suit prevailing conditions. Citadel formulations can be specifically tailored for extremely harsh chemical and high/low temperature environments if required.

Citadel sheets can be produced as opaque or translucent, with the Citadel process applied to either or both surfaces.

Temban Roofing Construction of Leeds carried out the works and achieved an excellent result at the Sawtry plant, which can process anything from a 1.5mm thick plain washer to a 29 metre beam.

FILON's technical team are always on hand to provide advice or technical support, over the telephone or via email at sales@filon.co.uk. They welcome your enquiries. ♦



The FILON Citadel brochure can be viewed and downloaded from FILON's new web site www.filon.co.uk. Wedge Group Galvanizing web site can be accessed at www.wedge-galv.co.uk



FILON DR rooflights go from strength to strength with two **NEW** grades

Originally developed in the 1980s, FILON's range of DR double reinforced opaque sheets revolutionised the factory roof refurbishment marketplace by providing strong sheets with lower thickness than conventional GRP roof sheets, enabling a much better fit with existing metal or cement profiles.

Since then, FILON DR, marketed as 'Direct Replacement' sheets, have become a true industry standard, with hundreds of thousands of square metres installed throughout the UK.

The capability of DR to replace old fragile cement sheets led to the further development of the unique Fixsafe installation system and now new reinforcement technology has led to FILON developing its very latest DR-30 and DR-26 rooflights. These two new products are comparable in strength with today's standard 3.66kg/m² and 3.06kg/m² rooflights. They also offer even better profile definition and lighter weight. These advantages, together with excellent light diffusion, light transmission and potential cost savings offer clients, specifiers and contractors new opportunities to achieve regulatory compliance more easily, more quickly and with improved safety on-site.

David Hathaway, FILON's Director of Sales and Marketing, commented: "Once again our development team has provided an industry leading solution, keeping us right out in front in the reinforced GRP rooflights marketplace. We anticipate others following with 'copycat' products at some stage, as has happened with other FILON products, but we're confident that ours will remain the industry standard reinforced sheet." ♦



The original double reinforced

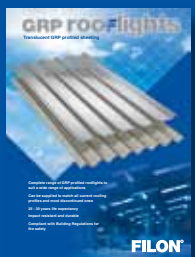
DR rooflights

Now, more **NEW** weights/gauges

The best profiled rooflight range is now even better!

- New DR-30 and DR-26 grades now complement the FILON DR range
- Lighter, yet even stronger – tested and comparable with 3.06kg/m² and 3.66kg/m² standard rooflights
- Advanced FILON reinforcement technology
- Outstanding profile definition for better aesthetics and high integrity sealing
- Available in all roofing profiles
- Excellent light diffusion
- Fully compliant with CDM regulations

To find out more about FILON DR rooflights, call now **01543 687300** or visit www.filon.co.uk



FILON®

Fastlock canopy system protects passengers at new eco-station

FILON's Fastlock polycarbonate canopy system has been used to provide protection from the elements for passengers using the new prototype eco-station at Maryport in Cumbria.

The station has been officially reopened following a £120,000 refurbishment. Solar panels, low energy lighting and sustainably constructed materials have been installed throughout the site, making the station more energy efficient and sustainable in operation.

Littlethorpe of Leicester Limited were contacted to supply the platform shelter at the station. Littlethorpe's Managing Director, Andrew Robinson, said: "The Fastlock system met our criteria for an easy-to-install lightweight translucent material that could be curved to follow the design of the platform shelter. Also, the

glazing panels are recyclable at the end of their working life – another important consideration for the eco-station project".

Littlethorpe used hardwood from FSC certified, sustainably managed forests for the structure of the shelter. Timber has negative carbon emissions and the carbon generated in manufacturing the shelter was less than the carbon locked up inside the wood itself, making the whole construction perfectly suited to the eco-station concept.

Jointly funded by Northern and Cumbria County Council, the project has been hailed a success by managers and passengers.

For further information visit FILON's new website at www.filon.co.uk, or go to www.littlethorpe.com. ♦



Installing Fastlock system is child's play!

FILON's Fastlock system has recently been installed at a nursery and a primary school in Kent, by Orchard Priory Limited.

Ross Gandon, Orchard Priory's Managing Director, told FILON that he likes Fastlock for its simplicity of installation and versatility as a roofing material and that the range of options it provides to create attractive and functional 'individual structures' for clients.

For further information visit FILON's new website at www.filon.co.uk, or go to www.orchardpriory.co.uk. ♦

