


ISSUE 12 MAY 2023

GROUND UP

THE LATEST NEWS FROM YOUR LEADING CIVILS PARTNER



NEWS
New at Pam: Vortex aluminium roof outlets



PRODUCT SPOTLIGHT
Installation 3 x faster with Aquacell



SUSTAINABILITY
Polypipe: Over 82% recycled content



KEYLINE COMMUNITY
Graham Crowdfunds for men's mental health



DERBY 10K RUN BY PAM UK



After several of their colleagues suffered strokes recently, a small but dedicated PAM UK team decided to raise some money for The Stroke Association by running the Derby 10k on 26 March.

Gary Postle, PAM's Sales Director and Wendy Marriott, PAM's Marketing & Communications Coordinator, pounded the streets of Derby in the drizzle, proudly completing the race in 41 minutes and 59 minutes respectively.

They were amazed at the generosity of their supporters and raised £850 in online donations.

NEW AT PAM BUILDING: VORTX ALUMINIUM ROOF OUTLETS

PAM's range of VortX outlets now includes a line of high quality and price-competitive aluminium roof outlets:

- ✓ UK Manufactured, for minimized carbon emissions and total control over quality
- ✓ Manufactured in LM6 Aluminium Silicon casting alloy to BS EN 1706:2010, to suit most roof finishes
- ✓ Lightweight, robust, corrosion-resistant option with excellent flow performance to BS EN 12056
- ✓ Made from 80% recycled material and 100% recyclable at end of life
- ✓ No maintenance is required throughout its 40+ year life

Ask about PAM UK's innovative products at your local Keyline branch.



PRODUCT SPOTLIGHT WEBSITE FEATURE

GATIC KERBDRAIN WEIGHING IN AT 7KG

Gatic have introduced Kerbdrain, a lightweight, heavy-duty combined kerb and drainage system for use in retail parks, drive-throughs, distribution yards, along highways and motorways, and within residential developments.

WEIGHING ONLY 7 KG

The Gatic Kerbdrain is a single, solid unit, 500mm long and weighing 7 kg. It doesn't require costly handling equipment, reduces risk of personal injury and improves installation times.

Gatic Kerbdrain is compliant with BS EN 1433:2002 Group 3 kerb side installations, and is manufactured using 70% recycled polymers, with every unit deriving from 199 plastic bottles, caps and closures. Alumasc Water Management Solutions (AWMS) have a well-established reputation for innovative manufacturing techniques and now use previously non-recyclable plastics in a whole range of products.

For more information about AWMS innovative products, ask your local branch team.



PRODUCT SPOTLIGHT

CLARK-DRAIN FLYING FLAG FOR GB

Did you know that 88% of Clark-Drain's drainage and access solution products are made right here in Britain?

From polypropylene, steel and ductile iron covers, chambers and gullies, through to linear drainage, surface boxes and underground fixtures and fittings – the majority are all designed and manufactured at their main premises in Yaxley, Peterborough.

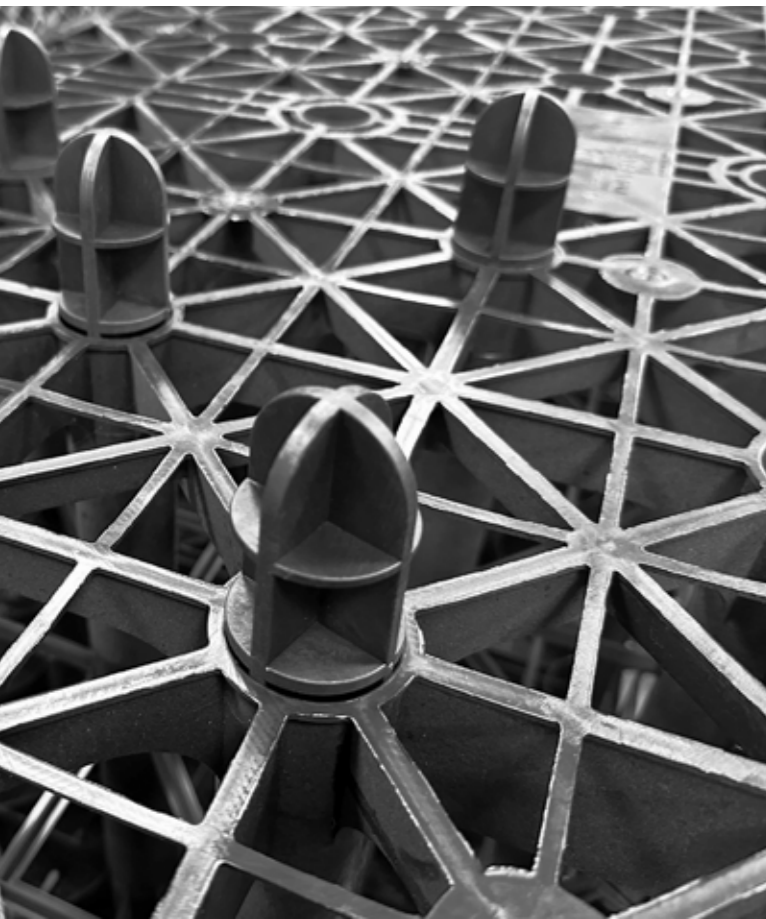
Clark-Drain has operated from Yaxley for 60 years, producing innovative, British-made drainage and access solutions.

Find out more about this Best of British brand from your local Keyline branch.



SUSTAINABILITY

POLYPIPE: OVER 82% RECYCLED CONTENT



By the end of 2022, Polypipe Civils & Green Urbanisation's finished goods hit a new high of 82.6% recycled content thanks to products that, where possible, are produced from sustainably sourced materials.

POLYSTORM SYSTEM FULLY RECYCLABLE

A recent redesign of the Polystorm Shear Connectors makes their whole Polystorm attenuation system fully recyclable at the end of its service life. The system provides retention, attenuation and infiltration at a variety of depths in trafficked and loaded areas and

can now be considered completely sustainable in its manufacturing process.

The new design of the shear connector replaces the original extruded prime PVC with recycled polypropylene, resulting in a 0.5% increase in the percentage of recycled materials in the final product.

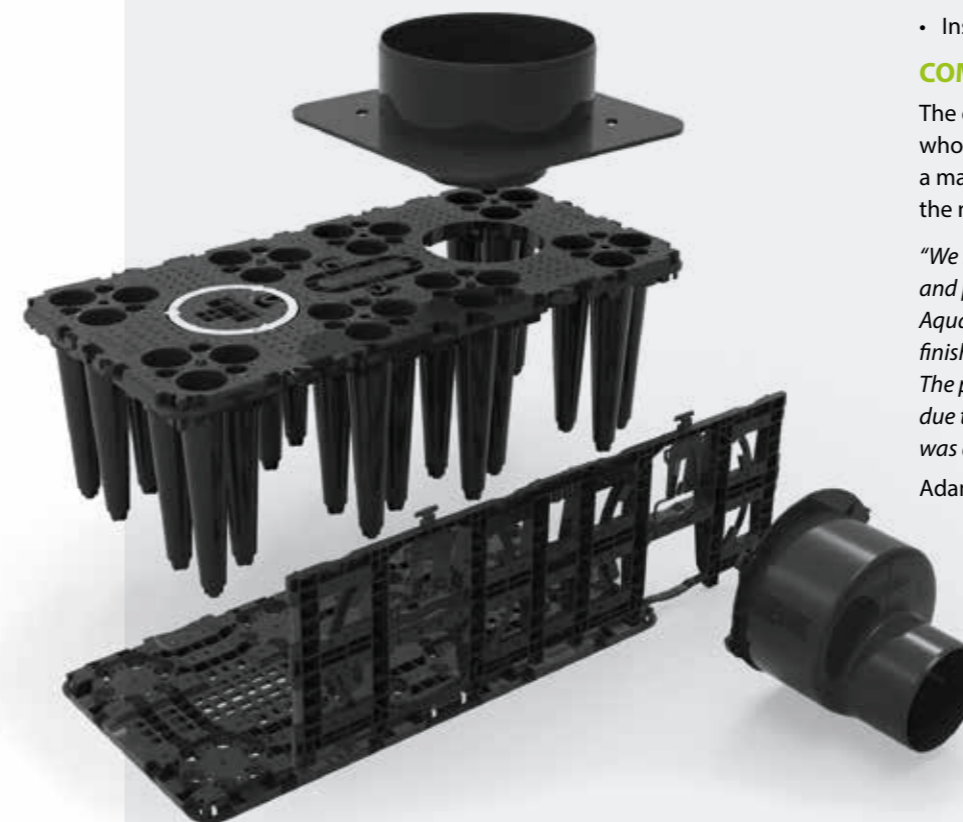
Polypipe produce over 3 million connectors annually to support the Polystorm range of water attenuation products. The system is also now lighter, faster to produce, and easier to install, offering an ideal solution to water management.



The leading civils partner to the construction industry



INSTALLATION 3 X FASTER WITH AQUACELL



PRODUCT SPOTLIGHT FEATURE

When M & J Evans won the contract with Bellway Homes, they needed a stormwater solution that not only provided sustainable excellence and optimum functionality but was easy to install and fit for the long term. With many houses being built on the site in Worksop they needed to work quickly and efficiently without impacting on other trades on the project.

M & J Evans were the first to try AquaCell NG in the UK. Already tried and tested in Europe, the Wavin attenuation product meets their needs for:

- Sustainability
- Ease of install
- Ease of transportation
- Ease of storage
- Inspectability

COMPACT DESIGN

The compact design of AquaCell NG meant the whole project was delivered in just three lorry loads, a marked reduction in CO2 emissions and just 25% of the number used for similar projects in the past.

"We feel very privileged to be the first contractor and project in the country to install the new Aquacell NG product on a live site and, from start to finish the installation went extremely smoothly. The product is very easy to be delivered to site and store due to the ingenious stacking system and installation was quick and nonproblematic."

Adam Newsome, Contracts Manager

For your next project, why not check out Wavin's next generation attenuation solution? Available at all Keyline branches.

www.keyline.co.uk



KEYLINE EXETER CAN DO!



The branch, based at Rockbeare, Exeter, has a team of 15 colleagues, managed by Darren Taylor. Darren has considerable experience working in the building materials industry and a strong network of contacts in the Southwest.

Serving SW customers for 12 years, the branch supports a range of rail, road, utilities and construction projects, including Hinkley Point and the A303 development. Exeter's exceptional Specialist Civils Range includes an extended Plastic Products range, all available with prompt, reliable delivery service to site via a fleet of specialist vehicles.

"The Exeter team's excellent product knowledge and can-do attitude means they maintain the highest levels of customer service, ensuring customers return to us at Keyline Exeter time after time."



YOUR CIVILS EXPERTS ARE JUST AROUND THE CORNER



Are you looking for a range of civils and drainage products and the support of a dedicated and passionate team?

Why not come and meet the team at Keyline Exeter

-  We care and give our best to be the best by going the extra mile for our customers everyday.
-  Whatever the scale of the project and however specialist the products, we can support you with our Keyline stand out service.
-  We have an expert team that are available to give advice on product solutions and we offer a wide range of civils and drainage products to help our customers, from below ground works up to the damp proof membrane.

WE ALSO OFFER

Specialist Civils Ranges
 Nationwide Delivery Service
 Extended Ranges: Plastic Products



Get in touch today or come and visit the team at Keyline Exeter

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KEYLINE EXETER SUPPLY DAWLISH STORMWATER STORAGE PROJECT



Dawlish is a traditional Devon seaside town on the south coast, about 12 miles south of Exeter and it's a popular holiday destination. Beach water quality is an ongoing concern for residents and local businesses dependent on tourism.

South West Water's objective was to ensure that the bathing water quality did not deteriorate over the next 20 years by ensuring that there are no more than two significant spills from the Brook Street Combined Sewerage Overflow per bathing season.

This was achieved by providing 30m³ of offline, pumped return stormwater storage in the council office car park to improve spill performance at the Brook Street CSO in line with SWW/ Environment Agency targets, in combination with the removal of surface water from the combined system. New surface water sewers were laid in the area to take rainfall from highways directly into the watercourse.

LOW CARBON CEMENT; A SUSTAINABLE OPTION
 Keyline Exeter supplied 389.200 tonnes of low carbon

sulphate cement for this project. It's the ideal cement solution for use in concrete, mortar and grout where sulfates are present and recommended for use in below-ground work as it has reduced risk of alkali silica reaction. It offers comparable performance to traditional cements with significantly less embodied CO2 and is suitable for use with a wide range of admixtures to extend the properties and uses of concretes, mortars, renders and screeds.

Low Carbon Cement has excellent sustainability benefits:

- Produces low CO2 concrete and mortar
- Reduced mineral extraction and landfill
- Meets your criteria for sustainable construction

Dawlish is now proud to have town beaches unaffected by storm water overflows and read their case study [here](#).



DESIGN TO DELIVERY: TECHNICAL DIRECTOR GEORGE WOOLLARD EXPLAINS KEYLINE STRATEGY

A Q&A with Keyline Civil's Technical Director George Woollard on Keyline's design to delivery services:

We're extremely proud to have made significant progress during the past few months developing our new Technical Team. Technical Director George Woollard shares just some of the highlights so far.

Q: George what's Keyline's new Technical Team's remit?

A: We are a specialist resource for engineering and design management teams. Site engineers can come to us with their problems so that we can go away and solve them with specialist solutions. This means that design teams can be more efficient with their time essentially.

By being involved in the blank canvas or concept phase, we can go and source solutions that engineers need without them having to go out to 15 different suppliers... we do that work for them.

We are a team that can be there all the way to the finished solution - from 'project problem' or even blank page design (from a design team), through to the procurement, delivery and on site aftercare. Essentially we've got the whole thing covered from design to delivery and then a little bit afterwards as well.

Q: And tell us about the team

A: Our team now consists of myself, two Technical Development Managers and a Civil Engineer, working closely with the national team and national account managers. The team is amazing - such a breadth of knowledge and experience.



Q: What have you been up to in the past few months?

A: As well as lots of work with our teams internally, we've been having some exciting conversations with contractors on a range of national and regional projects and have been working specifically on some highways and large infrastructure projects so far.

We've also been involved in National Highways Engagement meetings, attended the awards, and Serena has taken part in the National Highways Quality Steering group.

All of the team are now members of Institutes which is furthering our credentials in key areas that we're operating in. So there has been lots going on and plenty more planned for the second quarter too, so that we can continue to be of use to contractors' design teams.

KIRKBY KEYLINE COLLEAGUE CROWDFUNDS FOR MEN'S MENTAL HEALTH



Kirkby branch colleague, Graham Lynk, is biking 1000 miles in a maximum of ten days to raise funds for 'Enlighten the Shadows', a mental health charity to help men struggling with depression, anxiety, or who are at their lowest point. His son, Sean Lynk, who was also a member of our Keyline Kirkby team, sadly took his own life in December.

Accompanied by family and friends, his rides will start on July 1 and range from Kirkby to the Vale of Belvoir, Woodall Spa, finishing off with a trip to Skegness and back in a day.

Click **HERE** If you'd like to support the important work of this charity to support men's wellbeing

Enlighten the Shadows is a voluntary community-based organisation that aims to provide online support to men struggling with their mental health.

Volunteers share their personal experiences and stories via social media channels, Youtube and podcasts. They offer a weekly live discussion platform with help, information and interviews.

ETS says: "Men are struggling with their depression, anxiety, and suicide are at alarming rates. We help men that suffer alone in the shadows by "bringing light to the darkness". As advocates of Men's Mental Health, Enlighten The Shadows provides you with a service you can relate too. As men we are told to adhere to the stigma and stereotype that we must not show our emotions and to bottle things up. Currently male suicide is at an all time high. It is our mission to stop this."



KEYLINE EXETER



Click **HERE** to see our branch network