

ISSUE 15 OCTOBER 2023

# GROUND UP

THE LATEST NEWS FROM YOUR LEADING CIVILS PARTNER



**PRODUCT SPOTLIGHT**  
Handle rapid flow with EJ  
Swarm Aqua



**PRODUCT SPOTLIGHT**  
Fernco Storm-T, a universal  
lateral connection saddle



**KEYLINE COMMUNITY**  
New women in  
construction network



# Keyline



We once again achieved accreditation in the 'Fleet Operator Recognition Scheme', achieving FORS Gold, the highest grade within the scheme.

# FERNCO STORM-T: THE NEW UNIVERSAL LATERAL CONNECTION FOR PLASTIC STORMWATER PIPES



## PRODUCT SPOTLIGHT FEATURE

Click **HERE** to read more on their website



Tap into any plastic 300-600mm storm pipe with just 3 units, then connect any 150mm ID lateral pipe into it

Fernco UK has launched its new universal, pushfit lateral connection saddle, Fernco Storm-T, bringing its innovative drainage technology to the surface water market. Fernco Storm-T is packed full of features and benefits to make life easier for civils contractors. It's just the latest Fernco drainage couplings and connections design to transform the way pipes are repaired and replaced around the world.

Fernco Storm-T is a lateral pushfit range of saddles, designed to install into any DN300-DN600 plastic host pipe and laterally connect any DN150 branch pipe. There is no need for accessories or fitting tools as Fernco Storm-T can easily be connected by hand, making it one of the easiest to install and most universal products of its kind on the market.

### UNIVERSAL FIT

Unlike other saddles, the Fernco Storm-T connects any DN150 pipe regardless of pipe material and outside diameter. The saddle features internal connection technology, creating a watertight seal against the internal surface of the lateral pipe which are generally the same diameter.

The saddle also connects many more host pipes compared to its equivalents, connecting any plastic stormwater pipe from diameters DN300-DN600 with only three different units.

- ST150-300: Connects any DN150 lateral pipe (160 PVC, Twinwall, Clay etc) into any DN300 plastic stormwater pipe.
- ST150-375-450: Connects any DN150 lateral pipe (160 PVC, Twinwall, Clay etc) into any DN375 up to DN450 plastic stormwater pipe.
- ST150-500-600: Connects any DN150 lateral pipe (160 PVC, Twinwall, Clay etc) into any DN500 up to DN600 plastic stormwater pipe.

The unique pushfit design makes it the fastest and most universal offering Fernco has ever designed and manufactured, enabling on-site installation times and costs to be kept to a minimum.

### INNOVATIVE PRODUCT LINES AT KEYLINE

Fernco Storm-T saddles are available via Keyline's national network of branches for a quick access, off the shelf solution for the most common connections.

Keyline has worked closely with Fernco on product training, stock profiling, and engineered project solutions. All of this ensures Keyline supplies new innovative products as soon as they become available.

### FERNCO FOR MARKET SOLUTIONS

"We are constantly listening to the market and striving to design products which truly reflect onsite issues. We've spent countless hours on site with customers to understand their pain points. Our R&D and manufacturing capabilities are dedicated to solving pretty much any common drainage connection issue."

### MADE IN BRITAIN

The Fernco Storm-T is Fernco's latest addition to its portfolio of 'Made in Britain' products, designed and developed working closely with British contractors and manufactured at its state-of-the-art facility in Barnsley, South Yorkshire.

To request a product demo, a training visit or need some specification help, contact your local Keyline team.

## SALES & INSTALLATION SUPPORT FROM BRETT LANDSCAPING



Brett Landscaping have launched a brand-new Sales & Installation support page, conveniently accessible online at your fingertips.

It's designed to help customers prevent any issues and/or find solutions to any issues you may have encountered with their products. You'll find support and advice covering everything from product queries to installation guides quickly and effortlessly.

There are dedicated sections covering different product categories, including block paving, porcelain paving, concrete paving, and kerbs. With easily navigated and comprehensive guidance on paving installations and product maintenance, you can have information for your customers when you need it.

Brett Landscaping paving ranges are available at all Keyline branches.



## FP MCCANN STORMCLEANSER™ INSTALLED IN UK'S FIRST ELECTRIC VEHICLE BATTERY FACTORY



FP McCann has supplied three proprietary StormCleanser™ hydrodynamic separator systems to a huge electric vehicle (EV) battery gigafactory extension in Sunderland.

Once operational, the expanded facility, the first of its kind in the UK, will have the capacity to supply batteries to power up to

100,000 electric vehicles. The batteries which will have 30% more energy capacity will be installed in Nissan's proposed new range of all electric crossover vehicles.

StormCleanser™ is designed as either a factory fitted system or retrospectively fitted on site, as in the case with this gigafactory project. They are installed as part of a standard precast concrete water management chamber and delivered to site for simple installation by the civils/groundworks team. The stainless steel vortex insert has no moving parts and provides exceptional longevity of service due to its high corrosion resistance.

Surface rainwater and any pollutants enter the chamber via the inlet pipe where the internal layout then enables low energy vortex flow patterns to form. This allows floatable materials to gather at the top of the system and heavier sediment to settle at the bottom of the treatment chamber for removal by standard gully suction equipment. A baffle plate located above the sediment storage sump prevents the re-suspension of solids.

StormCleanser™ can be installed in precast concrete drainage chambers ranging from 1200mm internal diameter up to 4000mm id, accommodating pipe diameters from 150mm up to 900mm. Modular and bespoke designs are available for multiple inlet orientation with a choice of flow direction providing optimum configuration performance.

## FORS GOLD ACCREDITATION SECURED FOR ANOTHER YEAR



We've once again successfully achieved accreditation in the 'Fleet Operator Recognition Scheme', achieving FORS Gold, the highest grade achievable within the scheme. FORS Gold is only awarded to an elite group of operators that demonstrate exemplary levels of safety, efficiency and environmental awareness.

The accreditation recognises Keyline's approach to progressively drive efficiencies, minimising our fleet's environmental impact with more efficient vehicles that deliver lower carbon emissions.

Nigel Worth, Keyline's Operations Manager - Central & North UK, said: "With another year of FORS Gold accreditation we're continuing to go from strength to strength in our commitment to continuous improvement of our fleet and its safety. FORS Gold accreditation provides an assurance of best practice for Keyline customers - ensuring safer and smoother deliveries, to dealing with a company that engages directly with the transport industry sector on transport legislations, standards and safety.

"It's also with thanks to our drivers that we have achieved FORS Gold once again.



A big part of achieving this standard is the training that our drivers undertake; keeping a consistent level of training among all of our drivers plays a big

contribution to the re-accreditation and we appreciate their commitment to training and doing their best to be the best."

## KEYLINE SAFETY FORUMS MAKE A DIFFERENCE

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In a recent interview, Keyline Head of Health, Safety and Environment, Gemma Wilkins outlined the recent work of our safety forums:

"I joined Keyline in the beginning of the year, and it's been a super busy year in safety.

We've had some outstanding commitment to our safety forums and that's been a huge focus for the strategy for the year and how we've developed what we're going to do going forwards.

We have developed our Vision Zero strategy, which is going to be the countdown to removing all pedestrians from our loading areas. How we do that has been developed by our colleagues and they've given us the solutions on what we can do next. We're not going to be able to answer all the questions this year, but it's been a great format for how we can lay the foundations for a better future for Keyline.

We've also been working really closely with our suppliers. They've been integral to the way we work and how we collaborate across the industry. So the changes

that safety forums and our strategy are instigating this year are likely to impact beyond Keyline into the other markets around us."



## NEW DRAINAGE CALCULATOR FROM ALUMASC

Alumasc Water Management Solutions (AWMS) has launched the latest version of its industry-leading online Drainage Calculator.

The updated calculator allows architects, specifiers and building engineers to design and quantify all their rainwater drainage requirements. It now features Gatic Kerbdrain, and is available for use immediately.

The updates provide the following benefits:

- Allows correct specification of Gatic Kerbdrain to ensure the channel is designed to meet predetermined rainfall designs
- Increased map functionality and search function to ensure correct specification dependent on rainfall and location
- Options to select Half Battered and Splayed profiles
- Factors in the permeability of differing finishes including concrete slab, asphalt pavements, brick and block
- Ability to share calculations via email
- Export calculations to PDF or Excel



Click  
**HERE**  
to access the  
online calculator

For more information about Gatic Kerbdrain, see your local Keyline branch.



## STORMFORCE: THE ULTIMATE ATTENUATION UNIT

It's no secret that attenuation tanks have a key role to play in improving urban water resilience. These large underground tanks work well as part of wider sustainable drainage systems (SuDS), which is set to become mandatory on large housing developments in 2024, capturing rainwater and releasing it back into the local environment at a controlled rate.

### WHY STORMFORCE

In response to changing regulations, Wavin positioned ease of installation at the heart of the creation of the new AquaCell NG. It is three times faster to install than the previous generation of attenuation and infiltration tank, and the intuitive design uses no pegs or clips, meaning units fit together without the need for extra parts or tools.

However, to make it even easier for groundwork contractors they also have the option of utilising Wavin StormForce.

Let Wavin take care of everything from design to manufacturer, supply and installation as well as following up with a full five-year warranty.



## MARSHALLS LUNAR®- NEXT GENERATION PAVING



A contemporary addition to the Marshall's concrete paving portfolio, Lunar has unique granite-inspired blends created using MaxiMix Technology™ for looks that last and stay true to design.

Lunar® block pavers are available in a versatile range of four colours and five sizes. With a smooth finish with pencil chamfered edges, creating a modern yet timeless classic look, they are perfect for both pedestrianised and trafficked areas.

View Lunar block paving at your nearest Keyline branch.



Click  
**HERE**  
to find  
out more

## HANDLE RAPID FLOW WITH EJ SWARM AQUA®



Swarm Aqua® complements the EJ Liberty Drain® grated system from EJ UK

By combining the benefits of a traditional grated system in Liberty Drain® with the hybrid, high-capacity slot system Swarm Aqua®, surface water management couldn't be easier. What's more, the combined range covers all sizes, loadings and applications.

Both systems are 100% recyclable, manufactured to BS EN 1433 A15-F900kN loading with smooth internal bores for rapid flow rates.



### LIBERTY DRAIN® GRATED SYSTEM

- Traditional grated system
- Ideal for domestic and industrial applications
- 8-point locking per meter
- Size range of 100-300mm wide
- Tongue & groove joints



### SWARM AQUA® LINEAR DRAINAGE SYSTEM

- Low to high capacity slot system
- Monolithic
- Size range from 150-600mm diameter
- Supplied in 2m lengths
- Cast iron & paving top available
- Lightweight
- Quick installation



# NEW WOMEN IN CONSTRUCTION NETWORK

Along with 17 other women working in the construction industry, three of our Keyline colleagues Michelle Kinsalla, Lesley Rowland and Sam Smith took some time away to learn from each other and celebrate everything that is brilliant about working in the sector.

The event marked the launch of a new network created by the cohort that will continue to support the next generation of women in construction and share ideas for new ways to drive greater diversity and inclusion in the industry.

Big thanks to Polypipe and Hanson UK for supporting the excursion, which was organised by Incentivise.



## GOING YELLOW: MADDIE ROSE DAY SEPTEMBER 2023



On the 22nd September we joined the industry to proudly support the 2023 Maddie Rose Day campaign and turned our logo yellow.

Maddie Rose was a much loved member of the Keyline team, an inspirational young woman who was dedicated to showcasing the aspirational careers available in the sector.

The Maddie Rose Campaign was set up in 2022 as a lasting legacy in celebration of her life. It aims to draw attention to the incredible careers available in the supplier and merchanting sector and to help inspire diverse young talent discover rewarding careers that enable them to reach their full potential.

To support this year's Maddie Rose campaign and the Construction Youth Trust's Negotiating Skills training we're sharing some of our colleague's top tips for negotiating in the workplace.

If you would like to support the Maddie Rose campaign by donating, you can do so through the [JustGiving page here](#).

