

ISSUE 13 JUNE 2023

GROUND UP

THE LATEST NEWS FROM YOUR LEADING CIVILS PARTNER



NEWS

Wavin welcomes Mexican Ambassador



PRODUCT SPOTLIGHT
Future proof solutions from Gatic



SUSTAINABILITY
How civils contributes to a sustainable future



GATIC ACCESS COVERS: FUTURE-PROOF SOLUTIONS BUILT ON PAST EXPERIENCE



PRODUCT SPOTLIGHT FEATURE



seal has been subject to independent BBA testing and has achieved BBA approval for guaranteed levels of gas-, air- and water-tightness, which cannot be attained when alternative options, such as composites, are retrofit into existing frames.

When correctly installed, this degree of fit also ensures Gatic covers will be non-rocking under traffic, and sealed against ingress of road dirt and other detritus.

WHEN ONLY AN INDUSTRY HEAVYWEIGHT WILL DO

Whilst smaller applications may be suited to lighter-weight cover options, the gruelling nature of civil infrastructure can often only be tolerated by a more robust solution. Gatic Access Covers are supplied recessed for concrete infill or as a solid top, according to specifier preference. In both cases Gatic Assist Lift can be specified, which makes it possible for the covers to be safely lifted by one person.

Gatic covers are capable of withstanding heavy-duty loads up to and including loading group F900 (35 tonne slow moving wheel load – test load 900kN) which is suitable for airfields, taxiways, civil airports and docklands. They meet maximum permanent set criteria specified in BS EN 124 for each loading group. All covers are load tested within their service condition.

COMPREHENSIVE FEATURES AND SUPPORT

Gatic Access Covers are supported by a range of additional features to guarantee their suitability to any project. Anti-slip surfaces, lifting keys that lock into place allowing operator control, keyway plugs (to prevent blocking), and vandal resistance are standard throughout the product range.

With so many sizes, configurations and options available, selecting the appropriate product for

each intended application is essential for it to achieve the service life and performance synonymous with Gatic. With this in mind, Gatic can help with the specification process and consider it a very important part of their service. With a workforce comprising members who have been with the company in excess of forty years, Gatic can boast unrivalled technical expertise and industry experience; a full support service to specifiers and contractors is available, including BIM and CAD.



With a history of installations dating back almost 100 years, the Gatic name has proved itself to be every bit as robust as its products. Since 1928, Gatic has continued to develop and innovate, resulting in a range of unrivalled access solutions capable of tackling the most punishing of modern industrial environments.

Yet, never a company to rest on its laurels, Gatic maintains a progressive approach to the rigorous challenges constantly presented by ongoing advancements in industry, transportation and commerce; our roads, ports and airports have never been busier, and their demands never greater.

EXACTING STANDARDS, UNIQUELY SEALED

Gatic access covers can be typically found in airports, ports, container docks, data centres, water treatment works, gas and electricity facilities, highways and tunnels. As a modular system manufactured using ductile cast iron components, Gatic Access Covers can be assembled into virtually any size or shape of cover, to protect and allow easy access to a comprehensive range of underground services across various commercial and industrial venues. These volatile applications require the guaranteed protection offered only by Gatic Access

Covers. Examples include:

- Manhole/pump/valve/transformer chambers
- Pipe and cable service trenches
- Cable draw pits
- Lighting pits
- Fuel and fire hydrant pits
- Machinery/plant access chambers
- Combined sewer/overflow chambers

The composition of the ductile iron is tightly controlled and the casting process is held to stringent limits. The covers and frames are pre-assembled at Gatic's factory achieving a 'metal to metal' fit within 0.25mm tolerance. This unique



AWMS: LEADING THE WAY IN SUSTAINABLE DRAINAGE

Under the AWMS umbrella, sit five brands well known for innovation, quality and longevity: Alumasc Rainwater Gutters & Downpipes; Skyline Architectural Aluminium; Harmer Building Drainage; Wade Building Drainage and Gatic Civil Drainage & Access Covers.

This extensive product range ensures the provision of Rain to Drain solutions that set the standard for urban water management.

Alumasc Water Management Solutions is part of the Alumasc Group.

For more information contact your local branch.



**STORMBLOC
OPTIMUM RANGE:
MORE CHOICE**

Click
HERE
to read more on
our website



Hydro International has unveiled its expanded Stormbloc® Optimum range, incorporating a new lighter version of the popular stormwater storage system to give designers even more options.

Developed by polymer specialists, REHAU, the new Stormbloc® provides a lightweight option alongside the heavy-duty Stormbloc® Extra to bolster the range and offer a complete, resilient geocellular storage system, providing underground storage and infiltration of surface water runoff to help prevent flooding as part of Sustainable Drainage Systems (SuDS). The new block represents a cost-effective option, particularly suitable for landscaped or light traffic areas.

Ben Puddy, Product Manager for Hydro International, comments, "The expansion of the Stormbloc® Optimum range enables engineers to meet drainage objectives in a wider variety of areas and provides them with a more cost-effective option, without compromising on functionality and maintenance."

To find out more ask at your nearest Keyline branch.



**EGEPLAST SLA
BARRIER PIPE:
FUTURE-PROOFED**

Click
HERE
to read more on
our website



The Egeplast SLA Barrier Pipe and fitting system enables completely secure connections and reliably eliminates the migration of pollutants into the drinking water supply.

It is specified extensively by housebuilders and utility companies across the UK and Europe when they require a durable, consistently high quality product suitable for use on brownfield developments.

The system is guaranteed for long term performance and comes with the widest range of fittings available on the market. All fittings have UK Water Reg 4 approval, have been tested in accordance with BS 8588 and pass the required permeation tests.

Egeplast SLA barrier pipe and standard fittings are available with short lead times. Special barrier pipe fabrications can also be manufactured to order.

Egeplast has a long track record in the development and manufacture of innovative future-proofed pipe systems and was the first company to develop barrier pipe in Europe over 30 years ago.



KEYLINE SUPPLIER EVENT 2023: BREAKING NEW GROUND

Held at the UK's iconic F1 racing circuit, this year's supplier event aimed to propel Keyline into pole position by building on relationships and partnerships established at last year's event.



Chris Woollard, Keyline's Commercial Director, explains what Breaking New Ground means to us and why it will continue to be a central pin of our strategy moving forward.

"We think that Breaking New Ground captures our strategy of becoming more than just a materials distributor. It evolves our proposition in terms of our technical offering and project tracking offering. It means we can service the whole market, from our suppliers to our mutual customers. And we can see it's working from what we see coming through from our local, regional and national proposition as well."

Chris also reiterated that sustainability, our people agenda and data are still crucially important to us as a business and form part of our Breaking New Ground approach.

"It's about us adapting to the market's needs and innovating in everything we do to operate in the best way possible. Breaking New Ground isn't about standing still; it's how we can continue towards our goal to be the leading civils partner to the construction industry."



WAVIN WELCOMES MEXICAN AMBASSADOR

Keyline supplier of the year 2022, Wavin, hosted Mexican Ambassador Josefa González-Blanco at its Chippenham facility on Wednesday 7th June to officially launch production of its innovative AquaCell NG at the site.

Speaking at the event, González-Blanco said: "It's both moving and fascinating to witness the impact of genuinely global collaboration. I can only imagine the pride that the Wavin team must feel today, especially when you consider the important role this type of flood defence technology will play in the years to come."

AquaCell NG is Wavin's latest attenuation tank which features a unique design – with both push-fit functionality and a 'stackable' structure. It is ideal for installation in tight urban locations, and is made of 100% recycled plastic, helping underpin projects' sustainability credentials.

Wavin is part of Orbia, a global purpose-led company based in Mexico that is passionate about the challenges that define how people will live and thrive tomorrow.

You'll find more information about AquaCell NG at your nearest Keyline branch.



PRODUCT SPOTLIGHT

5 REASONS TO CHOOSE CLARK-DRAIN CHAMBER ACCESS SYSTEMS

- Manufactured to meet bespoke requirements and specifications such as Ministry of Defence (MoD) specification JSP604, Ministry of Justice (MOJ) requirements and Civils related infrastructure projects
- Designed and manufactured on-site in the UK
- Fully fitted on-site and supplied as a complete system ready to go, in accordance with the Construction Playbook
- Bellmouth options available which are Mandrel test friendly
- Assembled chambers are supplied with a sump, grill and Anchor plate with fitted cable furniture and bolt-on steps available.

For more information, please ask your Keyline Civils team.



WORLD ENVIRONMENT DAY: HOW CIVILS CONTRIBUTES TO A SUSTAINABLE FUTURE

To celebrate this year's World Environment Day, we want to shine a light on some of the ways Keyline suppliers are creating a greener future.

Together, we are Breaking New Ground with Sustainable Leadership, by making a difference and creating a more sustainable future for generations to come.

ACO

One of ACO's most recent initiatives is its 'Water Positive' activity, which assists in delivering sustainable water management for the built environment by demonstrating how caring for water can be achieved through 3 core project considerations. Design, Technology and Environment.



MARSHALLS

Two recent innovative projects helping to accelerate their sustainability plans include locking captured carbon into concrete-facing bricks and cement-free concrete trials. Marshalls has become the first pre-cast concrete manufacturer in the UK to use CarbonCure Technologies' carbon mineralisation technology, a process which permanently locks captured carbon into concrete.



POLYPIPE BUILDING PRODUCTS

Polypipe Building Products is committed to being your sustainable manufacturing partner. They incorporate recycled materials into their products and champion low carbon technologies such as water based underfloor heating – which are ideal for pairing with low carbon heat sources such as air and ground source heat pumps. Their manufacturing processes are also built on a foundation of renewably sourced energy, electric forklifts, zero waste to landfill and on-site processing of waste plastics. To learn more about the Polypipe Building Products pledge of net zero carbon emissions and the steps they'll be taking along the way, visit Our Sustainability Framework - Genuit Group plc.



PRO SOLVE

ProSolve has recently expanded its HQ's #solar panel system, increasing the power supply from 10kW to 73kW, providing power for the whole building, including the dedicated electrical car charging points located at the front of the premises. It's all part of how the business is minimising how its operations negatively affect the #environment advances. Maintaining the ISO 140001 accreditation and identifying ways they can improve remains paramount to the businesses culture. ProSolve have also further enhanced their recyclable packaging on a range of primary products such as Ratchet Straps and Tapes. You can read more about ProSolve's sustainability on the link.



WAVIN

Wavin has introduced six global sustainability programs that cover innovation, social inclusion, circular economy, reporting, environmental impact and public affairs. Wavin's actions are helping to tackle some of the world's biggest challenges around water supply, sanitation, climate-resilient cities and building performance and their Recycore Technology in drain and soil pipes, uses over 50% recycled PVC whilst ensuring that products have at least the same proven and excellent performance characteristics as those made with virgin materials. Click on the link to read more about Wavin's sustainability initiatives.

