



GROUND UP

**THE LATEST NEWS FROM
YOUR LEADING CIVILS PARTNER**

ISSUE 19 JULY 2024



PRODUCT SPOTLIGHT

FP McCann adopts the world's most advanced automated testing line process



INDUSTRY NEWS

Naylor launches MetroSewer a structured wall pipe system for use in foul water sewers



KEYLINE NEWS

Keyline and W M Donald working together to improve the experience of customers



GET A QUOTE

FP MCCANN ADOPTS THE WORLD'S MOST ADVANCED AUTOMATED TESTING LINE PROCESS AT ITS ELLISTOWN FACILITY

Area Sales Managers from across the FP McCann business attended a guided tour of newly installed quality control and pipe testing facilities at the Ellistown depot in Leicestershire. The new technology being utilised is believed to be the world's most advanced automated testing line.

HOW DOES THE AUTOMATED TESTING LINE PROCESS WORK?

Once precast concrete pipes are removed from the 24-hour curing process, they are immediately placed on the new four-position testing line. Position one is a set-down point; position two uses AI technology to inspect the pipe and give an overview of its quality; position three is a hydrostatic tester where all water testing takes

place; and finally, position four is where laser spigot measuring is carried out at five positions on the pipe. Following these processes, the laser-jet printer prints a unique identifying number on the pipe, along with a pass or fail.

Pipes leave the testing line and are transferred to a turntable which lines them up to be lifted by a forklift truck. Colour-coded lighting alerts the driver to which pipes have passed the QC process and can be transferred to stock, and which have failed and require remedial work.

Any pipes requiring remedial work are transferred to a separate area for analysis using a specialised app, which reads the pipe number and identifies

what work needs to be carried out to ensure compliance. Once fixed, the app is updated, and the pipe is placed into stock.

Following testing, only pipes marked with the pass symbol are loaded from the stockyard, and an additional manual check is then carried out by a quality inspector.

This state-of-the-art process allows FP McCann to be confident that every pipe leaving the depot and going to site is fully compliant with their quality standards.

For more information on FP McCann products, talk to the team at your local Keyline branch.

Branch locator > Find out more >

WAVIN LAUNCHES NEW B125 INSPECTION CHAMBER COVER



Wavin are excited to announce the launch of the new Osma B125, a new range of covers and frames designed to complement their extensive A15 offering. These products are perfect for gravity drainage installations and will be available to order from July 2024.

The Osma B125 covers and frames come in 450mm and 600mm square sizes, ideal for private residential and non-residential pedestrian areas, including single domestic driveways and public footpaths. With modern vehicles becoming larger and heavier, the B125 range supports a maximum weight loading of 12.5 tonnes, providing robust solutions for today's family cars and vans, which often exceed 2 tonnes.

Independently tested and certified by the British Standards Institution, the B125

rated covers meet the minimum requirements for non-trafficked public spaces, aiding local authorities and developers in their drainage needs. Key features include a 75mm frame depth, all-round square edges for easy installation into block paving, improved tarmac adhesion, and optional cover locking points for added security.



For more information about Wavin's latest Osma B125 range, please get in touch with your nearest Keyline branch.

Branch locator > Find out more >

ENERGISING INFRASTRUCTURE: TRACEY CONCRETE'S CABLE TROUGH SYSTEMS & COMMUNICATION CHAMBERS



Tracey Concrete offers an extensive range of Cable Trough Systems and Communication Chambers. These systems are meticulously designed to safeguard and accommodate all essential utility services.

Tracey Concrete products are made from reinforced precast concrete, ensuring durability and longevity. Their Cable Trough Systems and Communication Chambers present a superior alternative to the conventional practice of burying service lines. They provide easy and quick access for maintenance, enhancing operational efficiency while ensuring the security of your utility services. Tracey Concrete have recently expanded their manufacturing capabilities even further and are now producing Duct

Chambers in a range of dimensions from 900x900mm up to 3000x3000mm offering a variety of ducting openings to cater to diverse requirements.

Simple to install, Tracey Concrete Cable Trough Systems and Communication Chambers offer a solution for a broad range of industries. From Electrical, Power Stations, Data Centres, Highway Infrastructure, Rail Networks, and Domestic Installations, Tracey Concrete products deliver reliable performance.

To find out more please visit your local Keyline branch.

Branch locator > Find out more >

PRODUCT SPOTLIGHT



GET A QUOTE

NEW PRODUCT

NEW PACKAGING NOW AVAILABLE FOR HEIDELBERG MATERIALS' PACKED PRODUCTS



Heidelberg Materials produces the broadest range of packed products in the industry and some of the most well known.

Over the next few months, its cements, concretes and aggregates will be available in new, modern packaging to reflect the company's rebranding from Hanson UK last year.

All product names remain the same and the new packs have kept many of the

design elements of the former ones to allow a smooth transition.

Jack Vincent, National Account Manager at Heidelberg Materials said "We've developed eye-catching point-of-sale material that shows the old and new designs and highlights that the products are still the same quality customers expect from us."

Heidelberg Materials is committed to reducing carbon emissions at every

stage of its business to help it reach its sustainability ambitions. This includes supplying lower carbon packed products such as 40N concrete, which contains Regen GGBS, and Low Carbon cement.

For more information, talk to our expert teams in branch.

Branch locator Find out more

INTRODUCING IBSTOCK'S UTILITY TROUGH RANGE



Ibstock is a leading manufacturer of building materials, supplying a diverse range of concrete and clay products to sectors including rail, infrastructure, and utilities.

The Utility Trough range is manufactured at an advanced facility right here in the UK and when it comes to specifying Ibstock's concrete Utility Troughs, there are many benefits to consider:

- Reduced embodied carbon options – compared to traditional concrete mixes
- Standard off-the-shelf sizes available – minimising delivery wait time

- Bespoke capabilities available, to meet the exact needs of your project
- Heritage – more than 30 years' experience in the manufacture of concrete troughing

Ibstock's precast concrete Utility Troughs are used for a variety of purposes, from housing and protecting power and communications cables, through to pipes that carry gas, water, and chemicals. The troughs safeguard against malicious or accidental damage and are easily accessible for maintenance and repair work.

GET A QUOTE



Ask in your local Keyline branch to find out more about Ibstock's Utility Trough range.

Branch locator Find out more

INDUSTRY NEWS



GET A QUOTE

NAYLOR LAUNCHES METROSEWER



Manufactured from durable, high quality polypropylene, MetroSewer comprises a structured wall pipe system for use in adoptable and non-adoptable foul water sewer applications.

MetroDrain has been designed to ensure complete peace of mind in sewer applications that are required to meet the rigorous testing requirements of the water industry. Comprising of plain ended pipes in sizes 150mm, 225mm and 300mm, and a complete range of fittings, MetroSewer meets the requirements of EN 13476-3

and WIS 4-35-01 (Specification for thermoplastics structured wall pipes) guaranteeing resistance to internal puncture, water-jetting and the ability to meet longitudinal bending requirements. It is also compliant with Sewers for Adoption, Sewers for Scotland and OFWATs Design and Construction Guidance.

Other key benefits include the flexibility to tolerate ground movement without damage during installation, and a high level of chemical resistance to the wide range of substances found in both effluent and contaminated soils.

For more information about MetroSewer, please visit your local Keyline branch.

Branch locator Find out more

EXPLORE ENDLESS DESIGN POSSIBILITIES, WITH MARSHALLS COMMERCIAL PRODUCT VISUALISER



Discover Marshalls interactive product visualiser tool. Introduced earlier this year, the new visualisation tool is a fantastic resource for you to explore their complete range, instantly.

It's free and easy to use, allowing you to seamlessly experiment with different product combinations, colours, and finishes to tailor the ideal solution for your project. Additionally, you can select from various laying patterns and examine products up close.

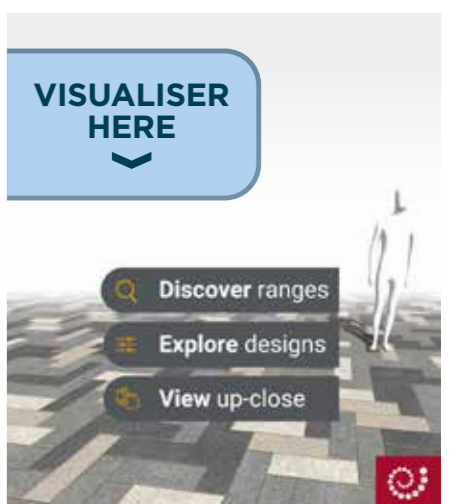
Marshalls latest products are also included, so whether you're aiming for a bold contrast with the new Modal X block paving range available in eight

colours and 15 plan sizes, or you're after a more understated blend with the unique granite-inspired Lunar block paving, Marshalls visualisation tool gives you the freedom to explore limitless possibilities with just a few clicks.

For further information on Marshalls products, please visit your local Keyline branch.

Branch locator Find out more

VISUALISER HERE



SUPPORTING PROSTATE CANCER UK

Keyline are proud to support Prostate Cancer UK's Men's Health Week campaign urging men to take the Prostate Cancer UK risk checker. The earlier prostate cancer is caught the easier it is to cure.

With 1 in 8 men affected it's vital that all men take 30 seconds to run their simple online risk checker, that's a dad, uncle, brother, partner or best mate.

Please click below to check your risk today.

Find out more >



KEYLINE IN THE COMPOUND WITH W M DONALD

Keyline Civils Specialist and W M Donald have worked together in Scotland for over 30 years, and in that time developed a close working relationship. Always looking to innovate and improve the experience of customers, Keyline identified a way to make the supply and delivery process more efficient for all parties.

As one of the largest civil engineering contractors in the North of Scotland, product requirements for projects can vary hugely – often leading the W M Donald team to travel to various Keyline branches to source the stock they needed. With each added journey a hit to productivity and an additional contribution to carbon emissions, Keyline sensed that a more effective solution could be found.

In a move that reinforced the commitment to the partnership on both sides, conversations between Keyline and W M Donald began in late 2021 to

transform the supply model. After some discussion, the Keyline team suggested an innovative centralised stock management system.

Instead of travelling to collect products at several branches, the W M Donald team would find all the stock they needed in one on-site location. A container was constructed at W M Donald's head office in Stonehaven, and supplied with utility stock.

In the new system, the container at W M Donald head office acts as a 'shop', where staff can simply retrieve the stock they

need and get straight back to work. Stock is now available to W M Donald 24 hours a day, seven days a week; helping the team handle any emergencies they have to deal with outside of normal operation hours. So far, at six months into the trial, the project has been a great success, boosting productivity, simplifying processes and lowering emissions.

To read the full case study please click below.

Find out more >



Why choose a cast iron below ground drainage system?

GET A QUOTE

pam building
SAINT-GOBAIN

WHY CHOOSE A PAM BUILDING CAST IRON DRAINAGE SYSTEM?

Cast iron is a sustainable material that is 100% recyclable, which means that it can be used and reused without losing its quality or properties. Cast iron drainage systems are made entirely from recycled materials, including scrap iron and cast iron, and can be recycled at the end of their useful life. The use of recycled materials in the production of cast iron drainage systems reduces the environmental impact of the manufacturing process, as it reduces the need for virgin raw materials and the associated emissions from mining and transportation.

INSTALLATION COST

The installation cost for cast iron drainage systems can vary depending on the specific project requirements, such as the size and complexity of the installation. However, PAM Building UK's systems are designed for ease of installation and our Ensign Drain range has a design life of up to 70 years.

BIM

BIM stands for Building Information Modelling and is a digital representation of a building or infrastructure's physical and functional characteristics. BIM can include information about the design, construction, and operation

of the building, and can be used for project management, cost estimation, and facility management. BIM enables collaboration between different stakeholders involved in a construction project, including architects, engineers, contractors, and facility managers. It can help to improve communication, reduce errors, and increase efficiency throughout the lifecycle of a building or infrastructure project.

MECHANICAL STRENGTH

Cast iron has excellent mechanical strength, making it a popular choice for drainage systems. It has a high tensile strength, which means it can withstand

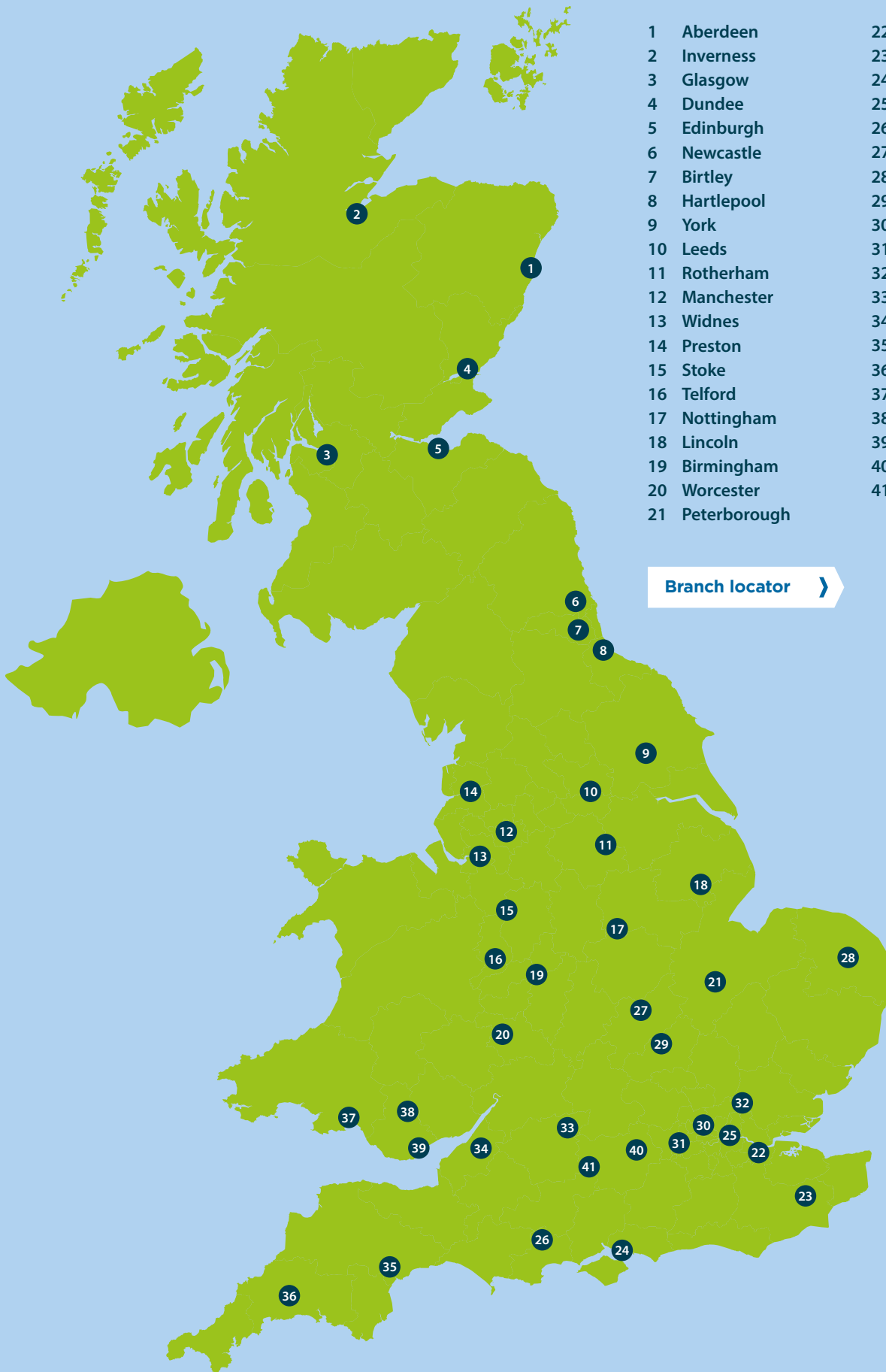
a lot of stress before breaking or deforming. Cast iron drainage systems are also resistant to impact and shock, making them a durable and long-lasting solution for both above and below-ground applications.

Want to learn more? Get in touch with your nearest Keyline branch.

Branch locator >

Find out more >

BRANCH LOCATIONS



- | | | | |
|----|--------------|----|---------------|
| 1 | Aberdeen | 22 | Northfleet |
| 2 | Inverness | 23 | Ashford |
| 3 | Glasgow | 24 | Portsmouth |
| 4 | Dundee | 25 | Canning Town |
| 5 | Edinburgh | 26 | Ferndown |
| 6 | Newcastle | 27 | Northampton |
| 7 | Birtley | 28 | Norwich |
| 8 | Hartlepool | 29 | Milton Keynes |
| 9 | York | 30 | Willesden |
| 10 | Leeds | 31 | Hayes |
| 11 | Rotherham | 32 | Braintree |
| 12 | Manchester | 33 | Swindon |
| 13 | Widnes | 34 | Bristol |
| 14 | Preston | 35 | Exeter |
| 15 | Stoke | 36 | Bodmin |
| 16 | Telford | 37 | Swansea |
| 17 | Nottingham | 38 | Treforest |
| 18 | Lincoln | 39 | Cardiff |
| 19 | Birmingham | 40 | Reading |
| 20 | Worcester | 41 | Basingstoke |
| 21 | Peterborough | | |

Branch locator >