



# ACCESS SOLUTIONS FOR UTILITIES AND INFRASTRUCTURE

WATER ▼ TELECOMS ▼ ENERGY



# ABOUT WREKIN

**At Wrekin, we're not just in the business of creating carriageway ironworks, access covers and custom steel solutions – we're in the business of making every day better.**

Our journey is marked by innovation and a commitment to putting customer relationships at the heart of our business. It's what has propelled us to the forefront of the civil engineering landscape, especially when it comes to safety critical solutions.

With over four decades of experience, our technical expertise and leadership have allowed us to develop market leading innovations that set us apart. We give the specifier, engineer, contractor and merchant solutions to long standing issues with reduced environmental impacts.

Our roots run deep in the world of highway ironwork. We are dedicated to crafting, manufacturing, and supplying the finest gully grates and manhole covers on the market. They're intelligently designed, rugged and built to withstand the ever-growing demands placed on our roads and infrastructure. We take great pride in our partnerships with prominent water and telecommunication utilities across the UK, ensuring that motorists and pedestrians can embark on safer journeys, and network operators can utilise their assets safely and efficiently.

**We're here to make the world beneath our feet a safer, more efficient, and sustainable place.**



## **Wrekin Products is a part of Civitec Group.**

The Group brings together leading civil engineering brands with a shared ambition to drive progress through collaboration. Our collective expertise spans design, manufacturing, and innovation, delivering specification-led solutions that solve complex infrastructure challenges. United by a commitment to sustainability and digital transformation, we harness technologies like AI and data analytics to improve efficiency and reduce waste. With diverse skills, shared values, and a culture that empowers our people, we're shaping smarter, stronger, and more sustainable infrastructure for the future.

# WORKING IN PARTNERSHIP WITH THE UTILITIES SECTOR

Our extensive range of below ground network access solutions provide the strength, precision and confidence demanded by those maintaining our essential underground networks.

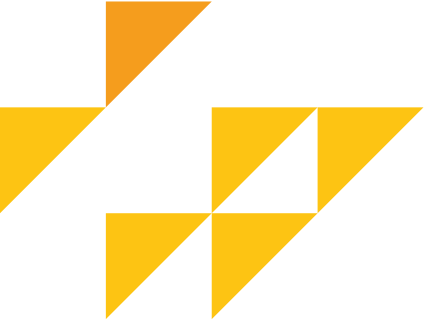
We're helping water, telecoms and energy providers meet increasing performance, sustainability and safety expectations through robust, proven access systems. Our ductile iron and steel ranges are designed to last, reducing disruption and delivering whole-life value where it matters most.



**UTILITIES CLIENTS WE COLLABORATE WITH...**



# SUSTAINABILITY AT EVERY STAGE



**Sustainability is a responsibility that shapes how we design, manufacture and deliver our access solutions.**

By focusing on long-term performance and resource efficiency, we help our customers build networks that last, while reducing environmental impact across the full lifecycle of our products.

Our ductile iron and steel access systems are engineered for durability and whole-life value. **The longer an asset performs without requiring replacement, the lower its carbon footprint becomes. This principle guides every product we create.**

## THE SEA STARTS HERE

**Our 'The Sea Starts Here' campaign highlights the important role roadside drainage plays in protecting the wider water environment.**

Anything entering a gully can ultimately travel through surface water networks into rivers and the sea, contributing to pollution challenges that utilities continually work to reduce.

By incorporating clear, durable messaging into our gully gratings, we help utilities raise public awareness at the point of impact, supporting their commitments to improving water quality and reducing contamination at source. It's a simple, cost-effective way to enhance existing infrastructure while reinforcing shared environmental responsibilities.



Our ESG report details our environmental, social and governance commitments and progress.





TOUGH. TAILORED. TRUSTED

# STEEL ACCESS COVERS FOR UTILITY INFRASTRUCTURE

**We design and manufacture high-quality fabricated steel access covers, engineered to meet the demands of modern infrastructure and tailored to your exact specifications.**

Our bespoke service covers the full process, from free site surveys and custom CAD design to fabrication. Working closely with you from concept to completion, we deliver reliable, safe and easy-to-maintain access solutions built around your project's needs.

Whether it's a one-off design or a complete tailored package, our steel solutions provide the strength, precision and flexibility you can rely on.



## Tailored and proven solutions

No two chambers are the same. We offer a full range of standard and bespoke sizes, configurations and finishes - ensuring the cover fits the job. Developed alongside major utilities, our designs meet strict technical standards and perform reliably in the field.



## Designed for safe and efficient maintenance

Ease of access and operator safety are built into every cover. Features such as lift-assist options, integral hinges, fall protection and non-slip finishes support quicker, safer inspections and interventions.



## Strength and long-term performance

Covers are strengthened to carry loading up to 16.5 tonne SMWL. Additional galvanising thicknesses apply for greater life expectancy, especially in coastal areas, delivering lasting reliability.



## Secure by design

From simple locking bars to advanced high-security mechanisms, our covers provide effective protection against unauthorised access and tampering - tailored to meet your operational risk requirements.



### STEEL ACCESS COVERS OPTIONS

- ▶ Drainage tubes for moated frames
- ▶ Uprand covers to prevent water ingress
- ▶ Laser cut asset numbers / badging to lids
- ▶ Earthing points to frames
- ▶ Dropped down safety grilles for reduced gaps between grilles and cover frames
- ▶ Frame sockets with demountable handrails
- ▶ Under lid signage / warning signage
- ▶ LPCB Rated covers and frames
- ▶ EPDM Seals available for certain chemicals, acids etc.

### Steel access covers are rarely one-size-fits-all.

We work closely with utility providers to understand the specific operational, safety and environmental requirements of each site, shaping solutions around real-world challenges.

#### FLEXIBLE BY DESIGN

Our steel access covers can be adapted to suit a wide range of applications. From improving water management and asset identification to supporting safer access and enhanced security, we offer flexibility in both design and configuration to meet individual project needs.

#### ENGINEERED TO SUIT THE ASSET

By collaborating early in the process, we help ensure covers and frames integrate seamlessly with surrounding infrastructure. Our in-house steel fabrication capability allows us to respond quickly, refine details and deliver solutions that perform reliably throughout their service life.

#### BUILT FOR LONG-TERM PERFORMANCE

The result is an access solution that protects critical assets, supports safe working practices and delivers confidence for utility operators. Every steel cover is designed not just for today's requirements, but for the demands placed on the asset over time.



# CLEAN WATER INFRASTRUCTURE

## Secure, precise, and easy to maintain.

For potable water and distribution networks, precision and safety are paramount. Our clean water access solutions are engineered to ensure performance, corrosion resistance and ease of operation in all site conditions.

### Our range includes:



**Grade A & B surface boxes**  
for meter chambers and valve access



**Hydrant boxes and inspection covers**  
for clean water applications



**HaloHinge™ covers** designed for safe, single-person operation

All products are manufactured to the same high standards of material integrity and surface finish demanded by BS EN 124-2, BS5834 and Water UK's Design and Construction Guidance.

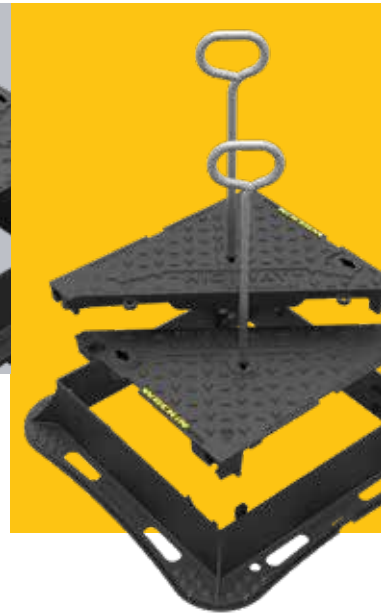
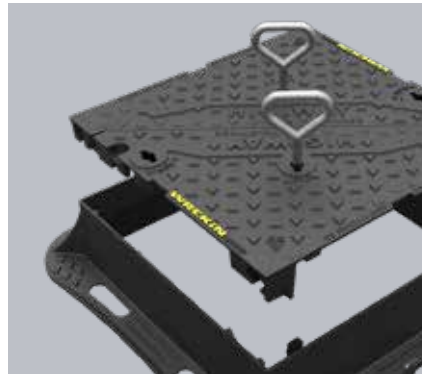


# HIGHWAY HALOHINGE

## D400 MANHOLE COVERS

HaloHinge features covers that are fully removable using standard BS 7903 lifting keys, but can also hinge to 100 degrees, remaining captive within the frame and free from the risk of accidental closure. This controlled motion makes the cover exceptionally easy to open, reducing the physical effort required and supporting safe, efficient access.

The hinges are located on the inside of the frame. This simple yet unique design allows for the infill surfaces to be compacted against the straight edges of the frame with ease, unlike other alternatives that have protruding hinges that are difficult to compact around. Compacting equipment over the hinge housing can apply destructive forces to the hinge housing and foundation, making inboard hinges a superior solution.



### KEY FEATURES



Covers open sequentially, with standard BS7903 lifting keys.



Enables safe, single-person access, reducing the need for multiple operatives.



Inboard hinges prevent dirt and debris clogs, and protect hinge housing from damage during compaction.



Safety-stop hinges prevent covers falling once hinged open.

### BENEFITS:

- ▶ Enables safe, single-person access, reducing the need for multiple operatives
- ▶ Eliminates cover displacement and hinge damage
- ▶ Protects surrounding surfacing during installation
- ▶ Fatigue-tested to exceed 100,000 cycles
- ▶ BS 7903 compliant for keyway and lifting provision





# PRODUCTS BUILT TO LAST

# **WASTEWATER**

# **INFRASTRUCTURE**

## **Reliable, longlasting access solutions for foul and surface water networks**

We design and manufacture ductile iron access covers and gratings that perform in the most demanding wastewater environments. From large-scale treatment works to local highway chambers, our products are engineered for strength, safety and durability across every stage of the network.

### **FOOTWAYS AND LIGHT DUTY AREAS** **B125 ACCESS SOLUTIONS**

Our B125 covers and gratings provide reliable performance for footways, pavements and other areas with lighter traffic loading. Designed for stability and consistent seating, they deliver the same quality, durability and ease of installation found across our whole product range.

B125 solutions are ideal for pedestrian zones, verges, landscaped areas and service corridors where safe access and long-term integrity are essential. Their refined geometry and secure fit help prevent movement, protect surrounding surfacing and maintain a neat finish in public spaces.

### **SECURELY SEALED** **SAFESEAL**

SafeSeal enhances the performance of our access covers with a practical sealing system designed to prevent water ingress, odour escape and seat wear. The slide-out seal allows quick, tool-free replacement during routine maintenance, reducing downtime and simplifying asset management.

A labyrinth-style profile adds an extra level of protection, creating a controlled pathway that minimises the transfer of water or debris. This robust sealing arrangement supports long-term performance and helps maintain the integrity of both the chamber and surrounding surfacing.





CHOOSING THE RIGHT ACCESS COVER FOR YOUR NETWORK

# UNITE™ OR HIGHWAY

**Unite and Highway are our two leading solutions for wastewater and highway environments, each engineered to solve different site challenges.**

Both ranges are fully compliant with BS EN 124 and CD 534 guidance, but their design priorities vary. This allows you to choose the cover that best fits your loading conditions, maintenance requirements and long-term performance goals.

Unite is designed for outstanding durability and long-term stability, making it ideal for high-stress environments and locations where minimising maintenance is a priority. Highway focuses on strength, reliability and value, delivering proven performance across large parts of the UK network. Together, they provide flexible options for foul water, surface water and highway installations.

## WHEN TO CHOOSE UNITE™

- ▶ Exceptional fatigue resistance for heavy or persistent traffic
- ▶ Engineered seating that significantly reduces long-term wear
- ▶ Outstanding stability on sites with known failure history
- ▶ Designed to minimise maintenance interventions
- ▶ Retrofit sealing plate compatibility for added resilience

## WHEN TO CHOOSE HIGHWAY

- ▶ Proven, reliable performance for everyday highway and utility locations
- ▶ Widest choice of sizes and formats for network flexibility
- ▶ Strong frame geometry that beds consistently in varied reinstatement conditions
- ▶ Ideal for large-scale replacement programmes and standardised asset use
- ▶ Cost-effective option without compromising durability

## BOTH RANGES OFFER



Full BS EN 124 compliance



Compatibility with modern bedding materials



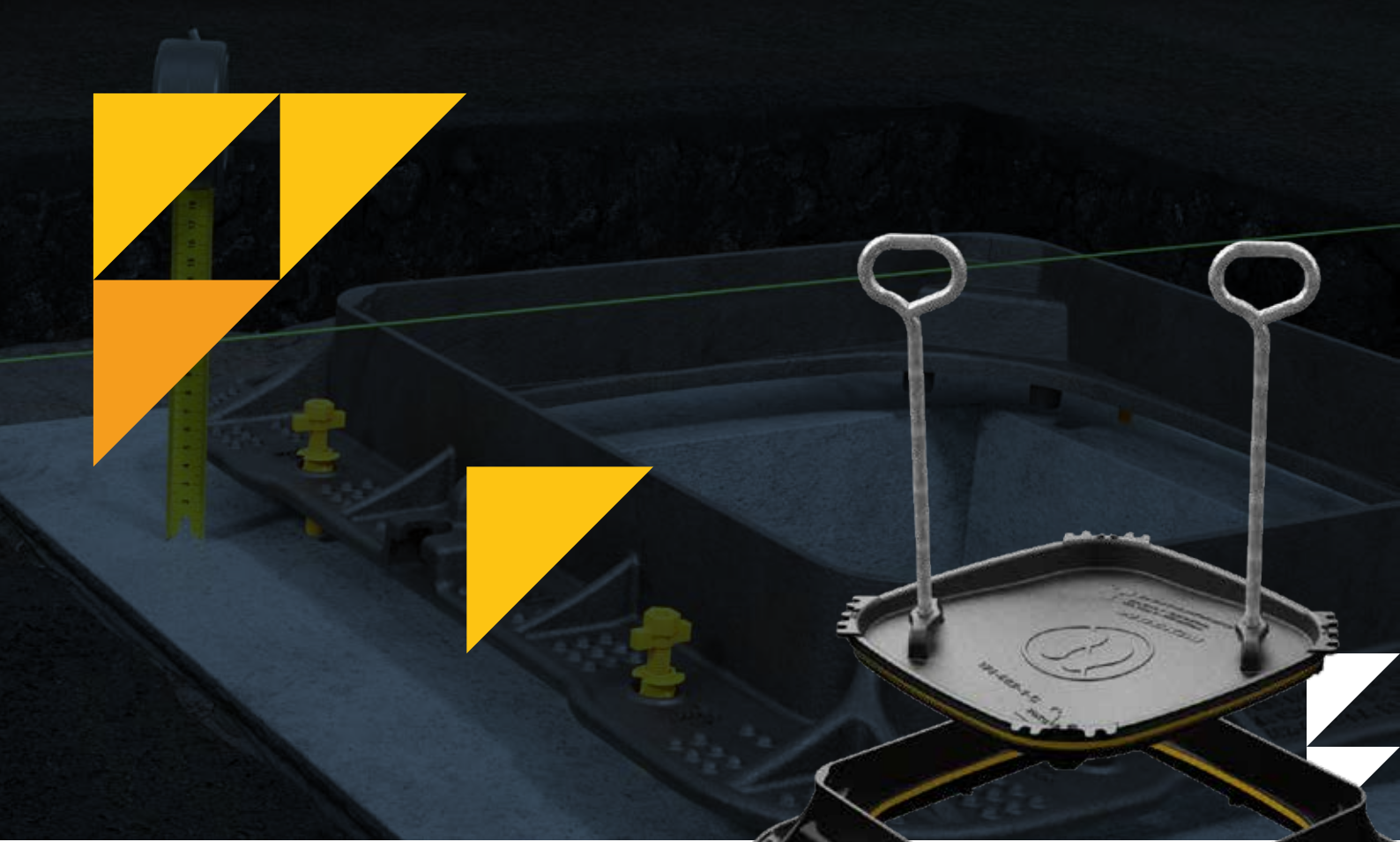
Safe, secure lifting with BS 7903 keyways



Durable ductile iron construction



Long, proven service life



# OPTIONS, ACCESSORIES & INNOVATION

**Innovation is at the heart of everything we do.**

We continually refine our access solutions to improve installation speed, operator safety, and long-term performance - helping utility partners reduce time, cost, and carbon across every project.

From engineered accessories to purpose-designed systems, our enhancements give real, measurable value throughout the product's life cycle.

## **SEALING PLATES**

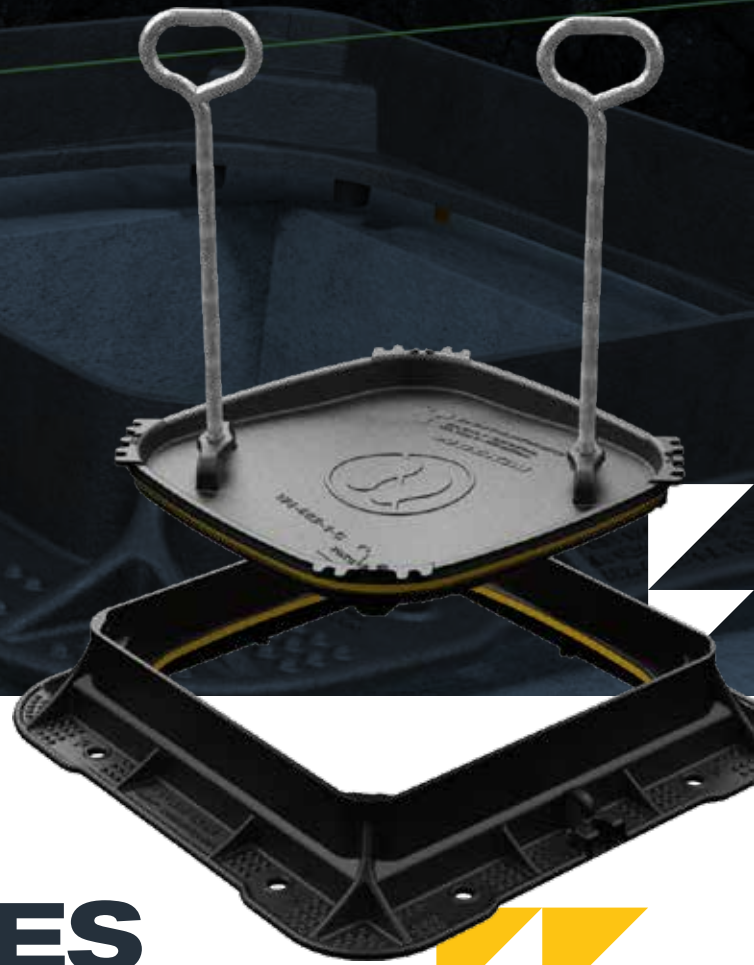
### PRECISION-ENGINEERED PROTECTION

Unite\* and Highway SealAble manhole covers are fully compatible with our range of No Leak and Low Leak sealing plates, thanks to the built-in internal accessory receiver. This internal skirt provides a sealing face to mate with different specifications of seal plate, depending on the application requirements.

*\*only available on Unite products with reference ending in "/KUE".*

This simple solution provides easy, effective and retrofittable flood and odour control to access chambers. It does not need to be specified at point of order, unlike nearly all flood and odour plate alternatives.

Achieves compliance to Class 3 leak tightness performance in accordance with Table 1 of Section 2 within WIS 4-26-01 when fitted with no leak (/NL) sealing plate.



## SCREWLIFT

Our covers and frames are engineered for simple, accurate installation, with built-in compatibility for ScrewLift to make fine frame-levelling adjustments quick and reliable.

ScrewLift provides an adaptable levelling method that allows installers to match frame height with surrounding surfaces with ease. By delivering controlled, incremental adjustment, it supports best-practice installations that provides durability and help maintain long-term stability.

### Benefits:

- ▶ Allows precise frame-levelling with minimal effort
- ▶ Reduces installation time and improves site efficiency
- ▶ Helps achieve consistent results across multiple installations
- ▶ Prevents the unnecessary repeated handling of heavy ironwork during installation, increasing installer safety



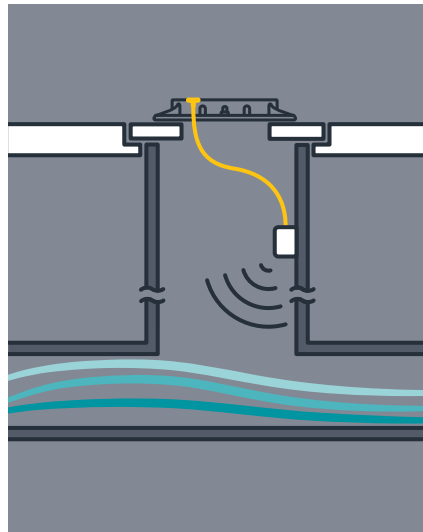
## RETROFITTABLE ANTENNA OPTIONS

Unite and Highway access covers are the only ranges on the UK market to include provisions for communications equipment, such as antennas, to be installed within the cover.

The ID bolt provision allows for communications equipment already present in the chamber, to connect to cellular networks via an antennae above ground. This negates the need to have separately installed antennae adjacent to the cover and frame, saving significant time, effort and cost.

### Benefits:

- ▶ Antennas can be housed securely within the cover
- ▶ Supports applications such as water meter and sewer level monitoring
- ▶ Provides strong above-ground signal performance from equipment located within the chamber



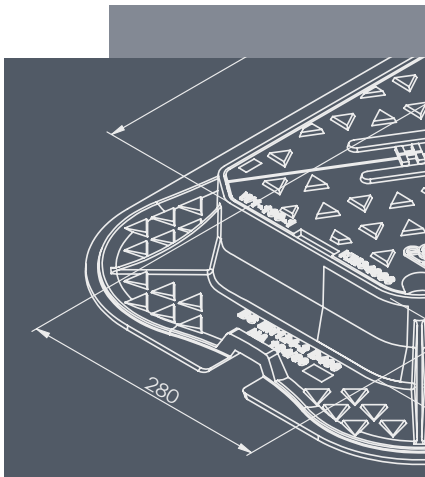
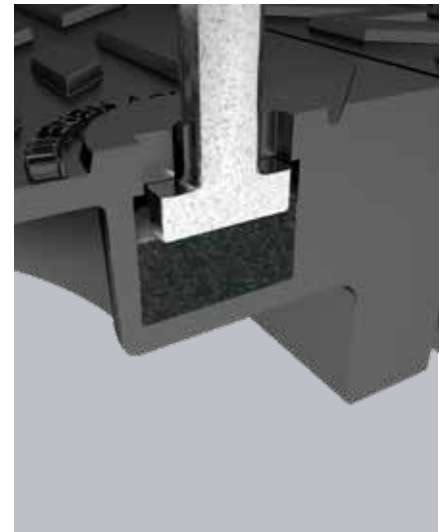
## GRITBLOCKER

Access cover keyways can quickly become clogged with grit and debris, making it difficult for operatives to insert lifting keys safely. Clearing these blockages often requires time-consuming manual work in the carriageway, increasing risk and disruption.

GritBlocker is a simple, effective anti-blockage insert made from durable elastomeric foam. It sits securely within the keyway to prevent debris build-up while still allowing a lifting key to be inserted with ease. This helps maintain safe, reliable access across busy sites.

### Benefits:

- ▶ Prevents keyway obstruction
- ▶ Reduces the need for reactive maintenance
- ▶ Supports safe, efficient access in high-traffic locations



## WREKIN INNOVATIONS

**For over 40 years, we have approached ironwork with a simple belief: there is always a better way to solve the challenges our customers face.**

We never see a manhole cover or gully grate as a basic component. Instead, every new product is an opportunity to improve safety, simplify installation and deliver long-lasting performance.

By listening to contractors, utilities and local authorities, we develop practical innovations that make a real difference on site. From advanced hinge systems to smarter installation methods, our solutions are shaped by genuine industry needs and a commitment to constant improvement.



THE FLOWABLE INSTALLATION SYSTEM

# FRAMESET

Installations can cost 10x more than the ironwork itself. And when they fail early the real price is social disruption, risk to the public and network operators, and repeated financial and carbon cost. But there is a solution...

## REWRITING THE RULES

We're known for innovating from the ground up. FrameSet is the latest evolution in that thinking - a complete installation system built around the real needs of utility providers and Local Authorities alike.

From smarter installation tools to inbuilt support, every aspect of FrameSet is designed to deliver accuracy, speed and safety.

## FRAMESET COMPRISES OF:



Unite or Highway  
Ironwork



Envirobed or  
similar flowable  
mortar



NEW Screwlift  
raising system

## WHAT MAKES FRAMESET DIFFERENT?

FrameSet is more than just ironwork - **it's a defined, engineered ironwork installation method.**

Each feature has been purposefully developed to address common causes of early-life failure - from incorrect levelling and bedding depths to material mismatches and misaligned frames. The result is a high-performance, repeatable process that's difficult to get wrong.

Designed for use with flowable bedding mortars that meet or exceed CD534 standards, FrameSet is ideal for local authorities and contractors seeking right-first-time installations that last - protecting both short-term investment and long-term maintenance budgets by helping prevent early-life failure and ensuring the full service life of the ironwork is achieved.

**With FrameSet, you benefit from:**



### Built-in frame lifting points

Ensuring safe, accurate placement onto the chamber without cantilevering, reducing manual handling risks and alignment issues



### Precision levelling

With the ScrewLift adjustment feature - helping installers match the road's camber and gradient for better surface alignment, reduce impact-related damage, and eliminate unsafe packing under the flange



### Training and site visits available

For added assurance, we can offer expert training and on-site installation support



## DESIGNED TO DO MORE, FOR EVERYONE

Whether you're on site or specifying from the office, FrameSet is built to support better decisions and better outcomes.

With supporting tools, literature and training aids, FrameSet brings peace of mind - and proof of best practice - to every install.



**Reduce installation time**



**Minimise operatives' time in live traffic**



**Lower carbon and material waste**



**Improve durability and reduce callouts**

## KEY FEATURES OF THE FRAMESET SYSTEM

### Flowable Bedding Mortar Compatibility

- ▶ Uses high-performance mortars such as Envirobed® CD534 flowable.
- ▶ Exceeds CD534 standards: fast curing, high early strength ( $\geq 20$  MPa in 3 hrs).

### ScrewLift Levelling System

- ▶ Integrated & retrofittable.
- ▶ Enables precise, tool-assisted levelling using Allen keys or socket/spanners.

### Full Structural Support

- ▶ Emphasises no cantilevering or voids beneath frame flanges.
- ▶ Minimum bedding thickness of 50mm beyond flange edges.

### Chamber Adaptability

- ▶ Compatible with varied chamber materials (brickwork, precast, biscuits, blockwork).
- ▶ Allows for custom adjustments using ring beams, brick courses, or UniForm adjustment units.

### Enhanced Safety and Handling

- ▶ BS 7903-compliant lifting points.
- ▶ Manual handling considerations and tool-based alignment reduce installer risk.

### Controlled Pouring and Bedding

- ▶ Detailed damming methods (mortar or inflatable devices).
- ▶ Consistent, void-free encapsulation of the frame via controlled flow pouring.

### Reinstatement and Surface Finishing

- ▶ Complies with SROH standards: e.g., asphalt compaction, +6/-3 mm flush tolerance.
- ▶ Supports hot-lay and cold-lay materials with defined cut-back zones.

# INNOVATIONS FOR TELECOM NETWORKS

## Supporting the roll out of next generation networks.

As telecom networks expand to meet rising demand, reliable and safe access to underground infrastructure has never been more important. We work closely with the sector to design access solutions that protect critical cabling, speed up installation and improve safety for engineers on site.

Our telecom access covers and toby boxes are built around performance, durability and ease of use, giving providers confidence in every installation.



## **PULSE**

### DESIGNED THROUGH COLLABORATION

Pulse is our advanced access system created in direct partnership with leading telecom providers, including Openreach. By working together from the early design stages, we shaped a solution that addresses the sector's key priorities

#### **Key benefits include:**

- ▶ Enhanced load distribution
- ▶ Safer lifting and improved handling
- ▶ Inverted T-flange frame for increased bedding stability
- ▶ Secure, lockable access for high value network assets

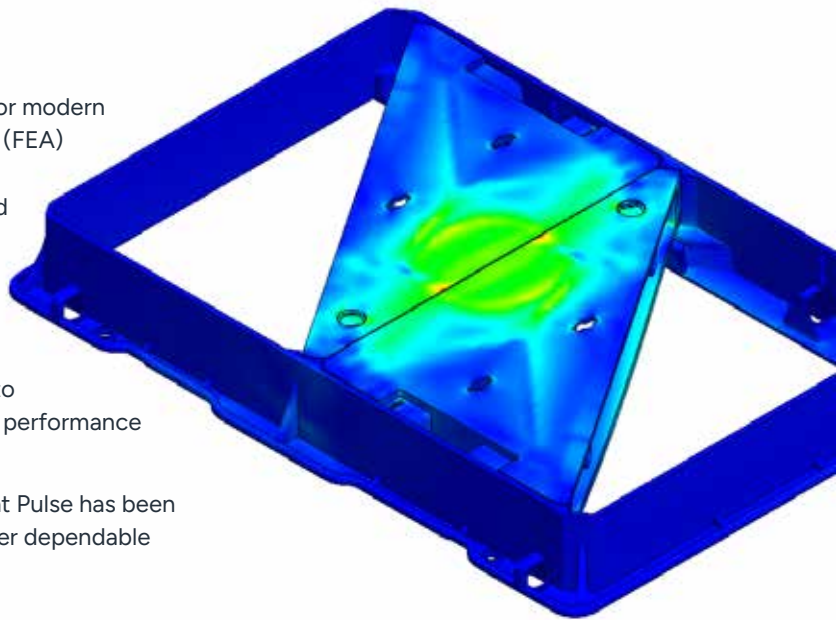
This collaborative approach ensures that our solutions support both day-to-day operations and the long-term resilience of the network.

## FINITE ELEMENT ANALYSIS

To ensure Pulse delivers the strength and stability required for modern telecom networks, we use advanced Finite Element Analysis (FEA) during development. This modelling allows us to assess how the cover behaves under load, identifying stress patterns and optimising material distribution long before physical testing takes place.

The FEA heat map illustrates how the structure manages and disperses force across the cover and frame. By understanding this behaviour in detail, we refine the design to improve durability, reduce movement and ensure consistent performance across busy installation environments.

This analytical approach gives our customers confidence that Pulse has been engineered not only to meet industry standards, but to deliver dependable service throughout its lifespan.



## PULSE KEY FEATURES & BENEFITS



### Inverted T-flange frame

The core of Pulse is its unique frame profile, created to improve bedding stability, protect chamber walls and distribute loads evenly - reducing stress concentrations that cause cracking.



### Non-welded, single-piece frame construction

Large frames are cast as a continuous unit, removing fatigue points common to welded systems and boosting long-term durability.



### Inboard locking system (security capable variants)

Locking mechanism sits safely within the frame, protected from traffic and compaction, ideal where secure access is required.



### Compliant, certified, and load rated

Available in D400 and E600 load classes, Pulse meets and exceeds BS EN 124, CD 534 v0.2.0, DMRB and MCHW requirements and is BSI kitemarked.



### Compatible with rapid-set or flowable bedding mortars

Works with bedding systems such as UniPak or CD 534 compliant mortars for efficient, compliant installations.



### Integrated lifting points for safe installation

Built-in lifting locations reduce manual handling risk, enable safe mechanical lifting and ensure balanced, precise placement during installation.



## WORKING WITH THE INDUSTRY

By staying close to telecom providers and installation partners, we continue to refine our designs to support safer access, faster reinstatement and better long-term performance.

### BRANDED PULSE COVERS

We offer client-branded Pulse options to support clear asset identification on site and help contractors identify assets effectively.

This also allows clients to present a consistent, professional appearance across their network.



CUSTOM DESIGN SOLUTIONS

# BESPOKE MANHOLE COVERS

Alongside our standard manhole cover ranges, we also offer bespoke designs. We have been lucky enough to work on some amazing projects, such as an iconic LGBTQ+ access cover with Thames Water and commemorative covers for Abbey Road and the Whitechapel Fatberg, amongst others.

Whether you are looking to subtly to disguise your manhole cover or something extravagant to shine proud and celebrate, we are able to help design and manufacture the perfect solution for you.



Find out more  
[wrek.in/bespoke](https://wrek.in/bespoke)

## MATERIAL SELECTION

We've mastered the art of fusing the tough demands of civil engineering with a keen eye for beauty and customisation. Our bespoke ductile iron manhole covers aren't just incredibly durable; they're also canvases for artistic flair and a way to stamp a message or identity onto the streets of the UK.

Whether it's paying homage to the iconic Abbey Road album cover or embracing the vibrancy of LGBTQ+ themes, Wrekin Products makes sure every manhole cover is more than just a utility item—it's a piece of storytelling, brightening up our urban spaces and enduring through time.



### EVERY RAINBOW NEEDS A LITTLE WATER TO SHINE **LGBT+ COVER**

We created and installed the first ever commemorative access cover, commonly referred to as a manhole cover, dedicated to the LGBTQIA+ community.

The revolutionary cover, which was created as part of a partnership with Thames Water, was designed to symbolise and immortalise the organisation's loyalty and commitment to increasing diversity on the streets of the UK.

A unique milling and colouring process was followed so that icons, logos and the iconic rainbow colours can be showcased on the exterior of each ductile iron cover, ensuring pedestrians will not fail to miss the one-of-a-kind design.



### 50TH ANNIVERSARY CELEBRATION **ABBEY ROAD**

There aren't many more famous roads in the United Kingdom than Abbey Road. Over fifty years ago, four men in flares walked in sync across a zebra crossing in North London and created one of the most memorable LP covers of all time.

To symbolise this historic landmark, we created a one-off, tribute manhole cover. The Abbey Road LP album cover art has now been immortalised in ductile iron thanks to a partnership with Thames Water.



### STEEL ACCESS SOLUTIONS **BESPOKE STEEL PRODUCTS**

We work with you to understand your project requirements and are happy to attend site surveys and provide bespoke CAD design services where required. Our range includes steel access covers, headwall products including trash screens, raked gratings, hand railing systems and sewers for adoption compliant safety grilles, to ladders, steps iron, safety chains and signs.

We can also make covers to suit niche applications or specialist requirements. A recent example is our cover for Sidmouth Amphitheatre, which required a unique design as well as a one-of-a-kind opening mechanism.



# ACCESS SOLUTIONS FOR ENERGY INFRASTRUCTURE



**Energy infrastructure depends on reliable, secure access to the assets that sit above and below ground. From substations and switchgear to cable routes and meter points, our ductile iron and steel access systems are designed to perform in these critical environments.**

We provide a comprehensive range of surface boxes, access covers and bespoke steel fabrications that support the needs of electricity distribution and renewable energy projects. Each product is engineered for strength, stability and long-term performance in both urban and rural locations.

Our access solutions deliver the resilience required in high-load, high-security areas such as:



**Primary and secondary substations**



**Cable joint bays**



**Wind and solar farm substations**



**Battery energy storage sites**

With consistent seating, robust construction and long service life, our covers help protect vital assets while ensuring safe, quick access for operational teams.





## BESPOKE STEEL SOLUTIONS FOR SPECIALIST APPLICATIONS

Energy infrastructure locations often require non-standard chamber sizes, unique clear openings or project-specific configurations. Our in-house steel fabrication capabilities allow us to create **tailored access systems** that meet these exacting requirements.

From large multi-part covers to reinforced frames designed for heavy plant areas, we manufacture steel solutions that integrate seamlessly into modern energy infrastructure.

### HOW WE FIT INTO THE ENERGY ASSET STORY

Our role is simple: to help energy operators and contractors access, maintain and protect the assets that keep the network running.

#### We do this by delivering:

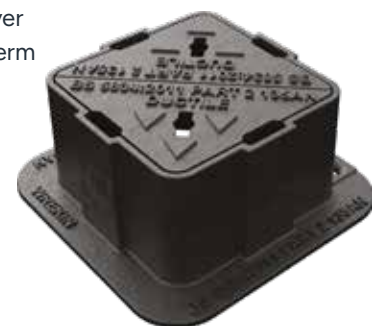
- ▶ Long-lasting products that reduce maintenance
- ▶ Secure designs that protect critical infrastructure
- ▶ Clear environmental data through EPDs
- ▶ Tailored solutions for complex or high-risk sites

## DUCTILE IRON ACCESS SOLUTIONS

Our ductile iron surface boxes provide secure, long-lasting access for energy networks. We offer a wide range of options for both carriageway and footway installations, each engineered for stability, durability and clear identification on site.

We supply surface boxes with unique badging for assets such as gas and electric, helping operatives quickly identify the service beneath.

For locations that demand higher resilience, our double triangular surface box options deliver enhanced performance and long-term reliability across busy or high-load environments.





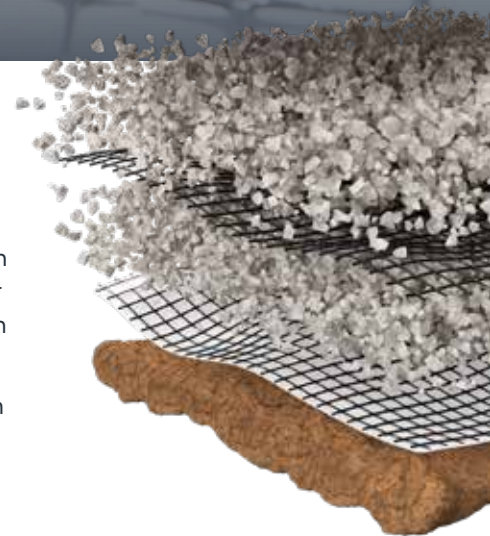
# COMPOUNDS AND HAUL ROADS

## How Geoworks geosynthetics enhance the performance of compounds and haul roads.

Across the UK's utilities sector contractors face constant pressure to deliver programmes safely, reliably, and at pace. Whether establishing temporary compounds, creating safe access routes for plant, or ensuring dependable ground conditions around ironwork installations, performance on site begins from the ground up.

That's why we take a holistic approach to site infrastructure. While we are best known for our industry-leading ironwork, our wider group also includes Geoworks, specialists in geosynthetic technologies.

Together, we deliver a complete foundation for effective, long-lasting utility works.



## BUILDING BETTER COMPOUNDS AND ACCESS ROADS WITH GEOSYNTHETICS

Temporary compounds and haul roads provide the backbone of most utility projects, yet poor ground conditions are one of the most common causes of disruption, delay and safety concerns. Geosynthetics, such as geotextiles and geogrids, offer an efficient, cost-effective solution for stabilising ground and improving constructability.

### GROUND STABILISATION AND LOAD DISTRIBUTION

Our geogrids and geotextiles reinforce weak or variable soils, distributing loads more evenly and reducing rutting or deformation under heavy vehicles. This ensures compounds remain safe, level and serviceable throughout the project lifecycle.

### REDUCED AGGREGATE REQUIREMENTS

By enhancing the structural performance of the ground, geogrids enable contractors to reduce the quantity of imported aggregate needed to build working platforms and haul roads.

This not only lowers material costs but also supports sustainability goals by reducing vehicle movements and embodied carbon.

### IMPROVED SITE RESILIENCE

Consistent access - whatever the weather - is essential for maintaining programme certainty. Geosynthetic layers help prevent softening and waterlogging, allowing haul roads to withstand repeated trafficking in challenging UK conditions.



## STRENGTH FROM THE GROUND UP

With Wrekin Products and Geoworks working seamlessly as one group, utility providers gain a joined-up, dependable approach to site infrastructure—combining advanced ironwork with proven geosynthetic solutions.

From access roads to reinstatement, and from compounds to critical network assets, we provide the foundation for better, safer and more sustainable utility projects across the UK.



Geotextiles



Geogrids



Geopaving



Geocells



Geomembranes



Geomats



## SUSTAINABLE URBAN DRAINAGE

The development of ponds, drainage systems, and water storage facilities is essential for managing stormwater and mitigating flood risks. However, these projects can face significant challenges, including water contamination, structural damage, and the loss of stored water.

Geosynthetics offer practical solutions to these problems through containment and protection, ensuring the efficiency, durability, and environmental compatibility of SuDS components.



# WE'RE HERE TO SUPPORT YOU

## **EXPERT GUIDANCE, TECHNICAL INSIGHT AND DEDICATED CUSTOMER SERVICE**

**Whether you need product advice, installation guidance or support with specifications, our team is here to help.**

We work closely with utilities, contractors, engineers and merchants across the UK to provide clear, practical assistance at every stage of a project.

From early design conversations to on-site support and long-term maintenance guidance, we are committed to making your job easier and ensuring our access solutions deliver lasting performance.

## **TECHNICAL SUPPORT AND RESOURCES**

We provide a wide range of tools and guidance to help you specify, install and maintain our access solutions with confidence. Our technical team is available to offer practical support, answer detailed product questions and ensure you have everything you need for a successful project.

### **OUR SUPPORT INCLUDES:**

#### **Product data sheets**

Clear, accurate information covering dimensions, materials, loading, compliance and compatibility across our ductile iron and steel ranges.

#### **Installation guidance**

Step-by-step advice on best practice for fitting covers, frames and accessories, helping you achieve consistent, high-quality results on site.

#### **Environmental Product Declarations**

Independently verified EPDs for all ductile iron products, giving you transparent lifecycle data to support responsible specification.

#### **ESG information**

Access to our latest ESG Report, detailing our environmental, social and governance commitments and progress.



[wrek.in/services](https://wrek.in/services)





### **BIM files**

A comprehensive library of BIM objects to support digital design, coordination and accurate specification within modern infrastructure projects.

### **CPD and training**

In-person and virtual sessions delivered by our specialists, designed to deepen product knowledge and support professional development.

### **Download Centre**

A comprehensive online library where you can access brochures, certificates, guidance documents, performance data and installation resources.

### **Specification support**

Assistance with selecting the right products for your project, including load class advice, installation method recommendations and compatibility guidance.

Whatever stage your project is at, we're here to provide clear, practical support that keeps your work moving and ensures lasting performance from our access solutions.

## **GET IN TOUCH**



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