



**Ibstock**  
At the heart of building

# RAIL AND INFRASTRUCTURE SOLUTIONS

**LOW EMBODIED CARBON  
PRECAST CONCRETE  
MANUFACTURING CAPABILITIES**

**WE ARE**

Rail and Infrastructure and more.

**WE ARE**  
at the heart of building.

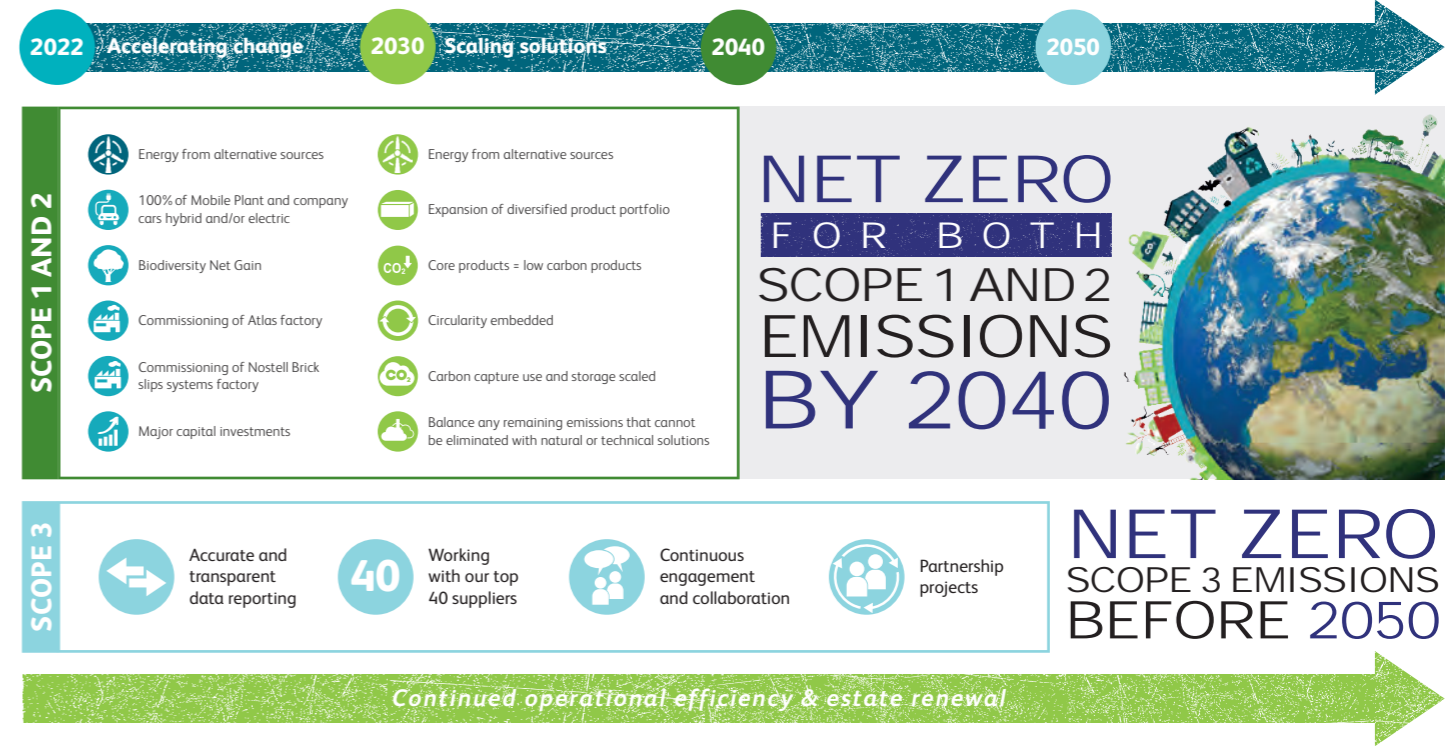
Ibstock's Rail & Infrastructure specialist brand Anderton Concrete combines rail troughs, signal bases, platform copers and other products for infrastructure – all harnessing the latest in concrete technology to minimise embodied carbon without compromising performance.

We manufacture solutions that are low carbon and, at times, highly bespoke to meet the requirements of our customers. Let our Anderton brand take you a step closer to Net Zero. Be part of the decarbonisation movement, leading the way in sustainable rail infrastructure.

**WE ARE at the heart of building. WE ARE Ibstock.**



**OUR SUSTAINABILITY  
COMMITMENT**



# WE ARE at the heart of building.

We offer a diverse range of building products, solutions and expert technical and design services that enable our customers to create inspirational spaces and places.

Everything we do revolves around our valued customers and we continuously strive to exceed their expectations. We pride ourselves on leading for new, innovative and sustainable products and solutions, both for today and for a new era of building.

**WE ARE at the heart of building. WE ARE Ibstock.**



**Bricks and Masonry**  
Our bricks and masonry range is truly comprehensive. Take the widest brick range in the UK and add in walling stone, architectural masonry, cast stone products and specials and you are sure to find a product for your project.

**Staircases and Lift Shafts**  
Our bespoke high quality, Longley precast staircases and lift shafts are designed to meet your projects exact requirements.

**Facade Systems**  
With the establishment of Ibstock Futures, Ibstock is demonstrating a clear ambition to grow into the Facades sector. With Ibstock Telling GRC, Mechslip, Nexus and Genbrix we already have some fantastic solutions for this space.

**Fencing and Landscaping**  
Ibstock offers a wide range of products for the fencing and landscaping sector – including high quality concrete fence posts from our Supreme brand or beautiful cast stone balustrades and pier caps from our Forticrete brand.

**Roofing**  
Our wide range of concrete roof tiles for the new build housing market, including the innovative SL8 and Gemini products, added to our high quality chimney options from Ibstock Kevington mean we've really got roofing covered.

**Retaining Walls**  
Whether it is a retaining wall solution to prepare a new site or for a major infrastructure scheme – our Anderton brand gives us the products and technical expertise to deliver.

**Flooring and Lintels**  
A comprehensive range of flooring solutions and lintel products, including high fire rated options – with nationwide coverage delivered through our Supreme and Longley brands.

**Rail and Infrastructure**  
Ibstock Rail and Infrastructure combines rail troughs, signal bases, platform copers and other products for infrastructure from our Anderton range – all harnessing the latest in concrete technology to minimise embodied carbon without compromising performance.

**Design and Technical Services**  
We are committed to providing the best possible design and technical support to our customers. From expert advice to a sector-leading training and CPD provision, Ibstock's range of design and technical services are especially configured to give architects and specifiers the access to the support they need at every stage on their project journey – from concept to build.

## RAIL SOLUTIONS



### C/1 CABLE TROUGHING

Designed to provide permanent cable protection with easy access for cable jointing, repair and cable additions on the rail network system.

- Lightweight, fire resistant cable route system
- EPD verified
- UK manufactured
- Available ex stock for fast, on time deliveries
- Full Network Rail approval status, Certificate Number PA05/00138 and PA05/0810 and Link Up accreditation.

### CABLE THEFT DETERRENTS

Cable theft costs the rail industry thousands of delayed minutes each year and is costly to replace – we have solutions to reduce theft.

- Ander-Fin™ – the simple route to secure cabling
- Ander-Loc – solutions for effectively deterring cable theft or vandalism in high risk areas
- Used in conjunction with our Cable Troughing
- Easy to install.

### PLATFORM SOLUTIONS

A composite, lower carbon solution to the problems of traditional multi-component systems, developed in conjunction with Network Rail.

- G-TECH range offering a **76% reduction in materials embodied carbon\*** compared to previous mix – the unique patented solution that combines a coper and a tactile within one unit
- Trestle Slab Coping Stone range is ideal for retrofit solutions
- Low Carbon Tactile Paving.

### SIGNAL BASES

A complete range of Concrete Signal Bases are available in standard sizes to complement our bespoke manufacturing capabilities.

- Off the shelf stock
- Up to 61 % reduction in materials eCO<sub>2</sub> compared to original mix in A1-A3 GWP – Fossil
- Complete with lifting eyes and bolt cradles
- Cable access ducting incorporated
- Drawings available on request.

\*35% reduction in embodied carbon based on A1-A3 GWP kgCO<sub>2</sub>/tonne

# CONCRETE UTILITY TROUGHS & LIDS

Delivering outstanding protection for your large power and communications services. Our UK manufactured range of Utility Troughs deliver up to 60% less embodied carbon than traditional concrete mixes.\*

## FEATURES

- Earth settlement protection
- Fire resistance
- Weather resistant to XF4
- Easy access for maintenance and inspection
- High-strength load bearing units up to D400 class
- Tested to BS EN 1433
- Off the shelf stock

## APPLICABLE EXAMPLES

- Utility cabling
- Electrical power supplies
- Gas supplies
- Pipes for chemical supplies
- Pipes for waste
- Prisons
- Ministry of Defence
- Hospitals
- Commercial infrastructure



Scan for more information.

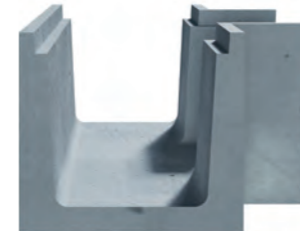
\*This figure was calculated and verified by our concrete materials team.



STRAIGHT UNIT UTILITY TROUGH



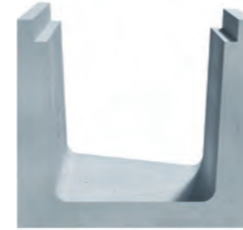
TEE UNIT UTILITY TROUGH



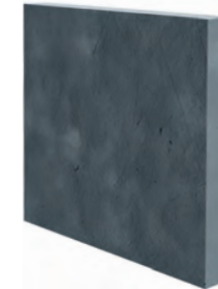
90 DEGREE CORNER UNIT UTILITY TROUGH



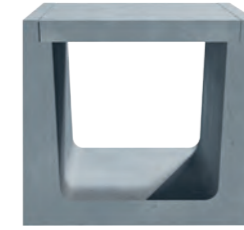
22.5 DEGREE ANGLED UTILITY TROUGH



STOP END UNITS



COMPOSITE LIDS



We have a full range of compatible precast concrete, steel tray and GRP (Glass Reinforced Polymer) composite lids.



## BESPOKE PRECAST

We manufacture your design off-site with the product precast to the exact individual specifications required, eliminating the potential resource, cost and risk implications associated with casting concrete on-site.

### Benefits include:

- Product consistency
- Cost effective
- Efficient – no need to wait for the concrete to cure
- Available in a low carbon mix
- Nationwide delivery with specialist crane offload haulier availability.



## STEPOC RETAINING WALL

The real alternative solution to shuttered concrete offering exceptional strength.

- A dry laid retaining wall system suitable for platform extensions, line side wall solution and maximising land use
- Saves up to 30% more time, stress and money compared to traditional methods
- Quick and easy to install, requiring no skilled labour
- Multiple uses including flood defence, basement construction, retaining walls, housing developments and swimming pools
- UK manufactured and available within a number of days.

**WE ARE**  
Retaining Walls and more.



## PRECAST CONCRETE STAIRCASES

Bespoke configurations of precast concrete staircases and landings, designed and installed to a project's exact requirements.

- Manufactured offsite and delivered to site ready to be assembled to minimise disruption
- Rapid installation on site
- Inherent fire resistance
- Excellent noise reduction and sound insulation
- Immediate floor to floor access for follow on trades.



## PRECAST CONCRETE LIFT SHAFTS

High quality precast concrete lift shafts, manufactured to bespoke individual requirements.

- Construction is completed off-site to minimise disruption and to assist with the build programme
- Rapid installation on site
- Build up to 6 storey shafts
- Inherent fire resistance.

**WE ARE**  
Staircases and Lift Shafts and more.





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