



DESIGN AND TECHNICAL SUPPORT

WE ARE

Design and Technical
Services, and more.

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.



Staircases and Lift Shafts

Facade Systems

Roofing

Flooring and Lintels

Fencing and Landscaping

Retaining Walls

Rail and Infrastructure

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.

A low-angle photograph of a modern building facade. The building features blue brickwork and large windows. A decorative gold-colored band with a geometric pattern runs along the top edge of the building. The sky is a clear, light blue.

Supporting your project process from **Concept to Build**

Our qualified and experienced design and technical teams can help you deliver greater performance, aesthetics and cost control for your project. By supporting your design at the earliest possible stage, we have more opportunities to drive additional value into your project.

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NEED HELP TO CREATE AND SPECIFY YOUR PROJECT?

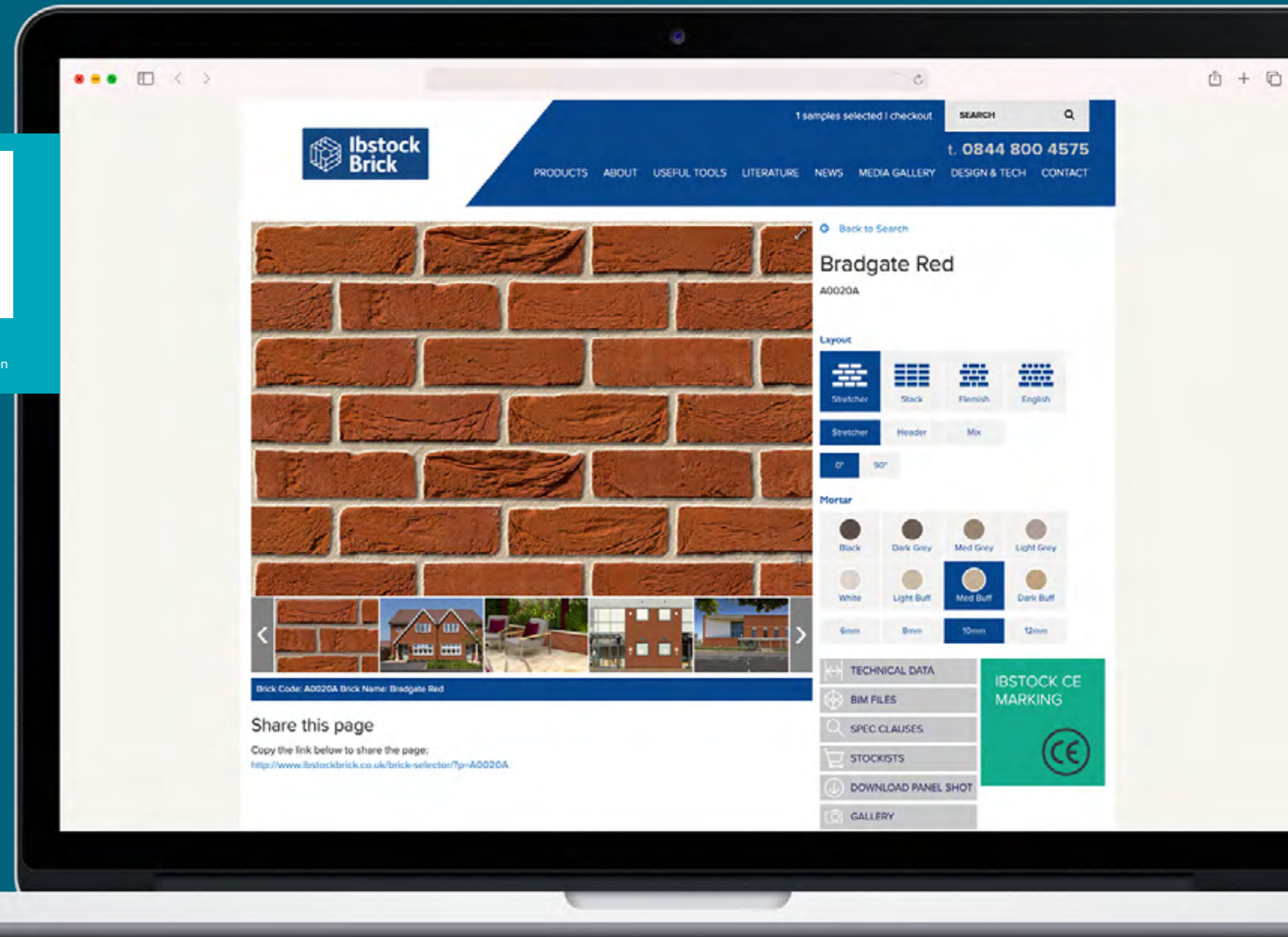
We're here to help you from the initial concept stage of a project, our unique product selector enables you to select any product from our range and see it in build.

**FIND THE PERFECT BRICKS
FOR YOUR PROJECT WITH THE
IBSTOCK BRICK SELECTOR.
BROWSE BY FACTORY, BRICK
COLOUR, TYPE, TEXTURE & SIZE.**

The layout and mortar colour can also be changed. **Scan the QR code opposite to see the selector in action.**



Scan the QR code above to see the selector in action

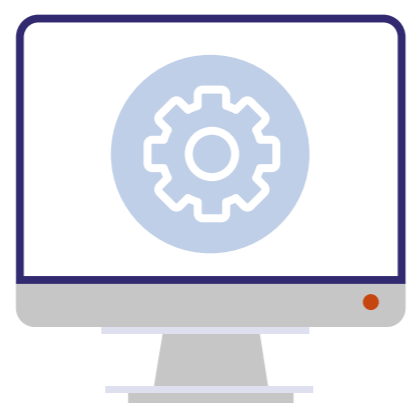


SUPPORTING YOU FROM CONCEPT TO BUILD



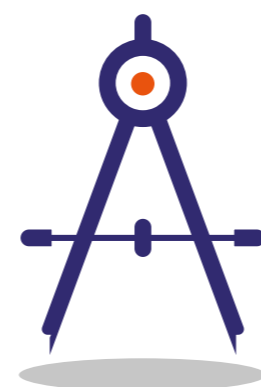
Concept

At the early stage of your project we offer **support** for your concept proposals by providing aesthetic and product specification guidance to help you crystallise your design vision.



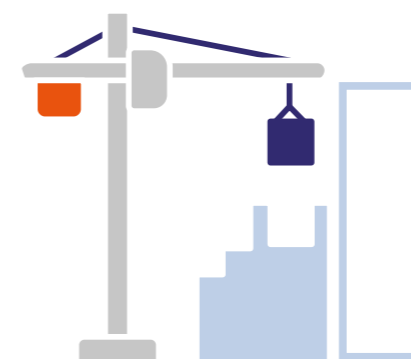
Design

At the design stage, we can support various key **technical elements** of brickwork construction. This can range from brick performance to the wider structure including mortar and/or fixing system guidance.



Plan

At the product planning stage we can form customised product data and schedules to support the **order placement** and delivery sequence for your project.



Build

We can support your **build phase** by offering a clear understanding on product build sequences. Guidance on good site practice can also be obtained by speaking to our technical advisors.

Need a top up with brick knowledge and education?

At Ibstock we have an industry **leading team** with a wide range of specialist technical and design skills. To keep us up to date, we also lead key technical committees, sit on industry bodies and support practising professionals and university students through Ibstock's comprehensive CPD and training programme.



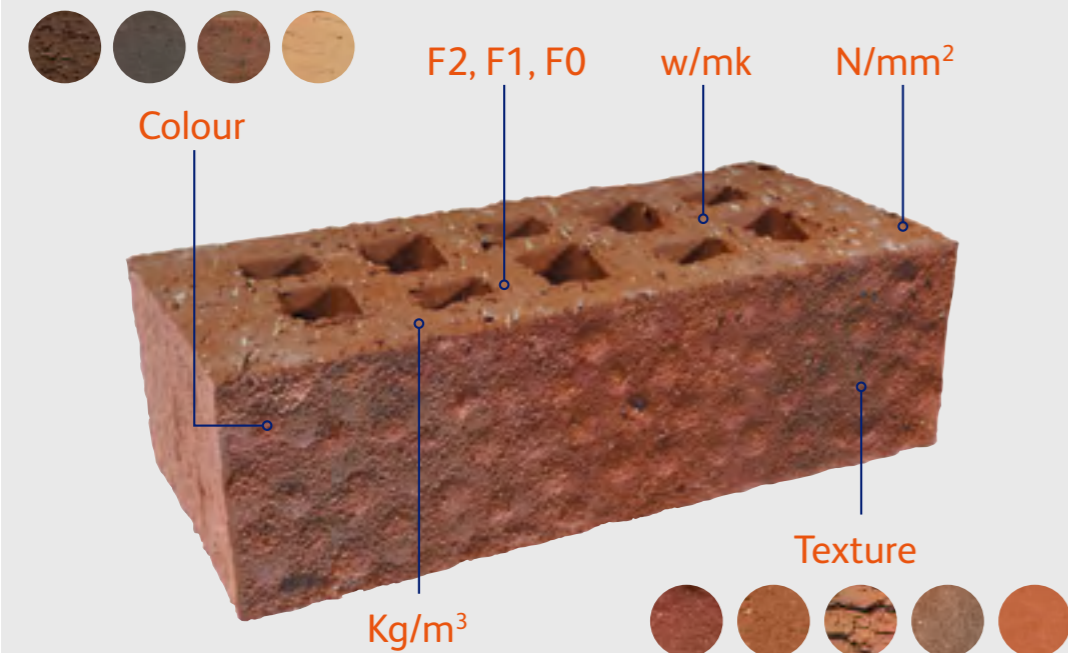


Supporting people and project process

With extensive knowledge and know how in brick design for traditional and modern construction methods, our design and technical team have supported thousands of UK projects.

Product specification

Our design and technical experts can offer you product **specification advice** for brick and associated materials relating to the performance, location, exposure and the aesthetic requirements of your project. Our **indepth knowledge** of our products, test data and design and specification standards can be called upon to ensure all information is on hand for the early stages of your project journey.

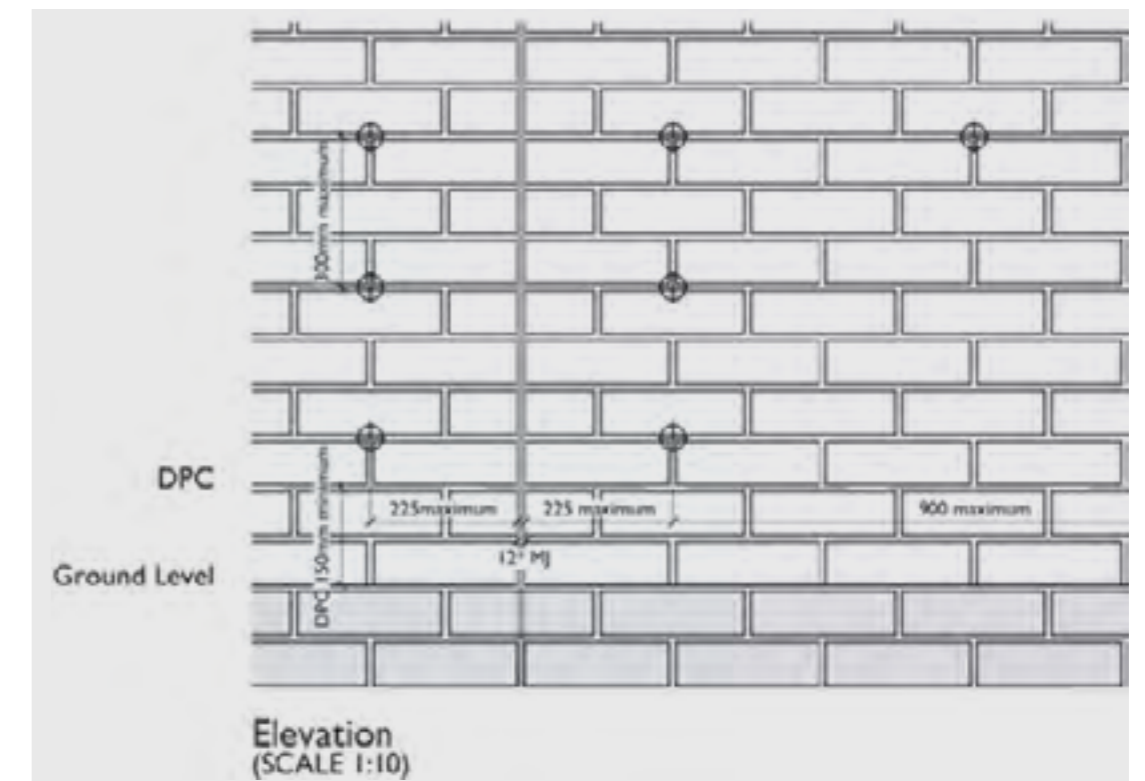


Technical support

Our technical team can give you **guidance** from personal and historical knowledge, sourced from large collections of technical publications which cover a wide range of brick topics. A swift response is available from our technical team by calling our technical helpline on **0844 800 4576** or emailing **technical@ibstock.co.uk**. Further technical support can be found on our website **www.ibstockbrick.co.uk**

Design support

Our design and technical team have a **wealth of knowledge** to support your requirements – from brick aesthetics, to brick detailing, DPC position, mortar designation and wall tie placement. In addition, we also offer trusted and reliable detailing advice and guidance for brick cladding systems such as Nexus and MechSlip. This support can be accessed by calling **0844 800 4576** or by emailing **design@ibstock.co.uk**



Bespoke brick component/ system design

Our specialist team of designers create **bespoke 2D or 3D drawings** for the bespoke element of your build. Our drawing details ensure component interactions and dimensions are visible, buildability is clear and material specification is known. The facility of our bespoke system design offers a smooth transition from design development to manufacturing once drawings have been signed off. Throughout this process we can also sense check the **suitability of each component** within the overall build of your project.



MechSlip



Product scheduling

Our experienced estimating team provide **accurate** schedules of all product and components required at the design phase of your project. The schedule is sense checked to ensure that you have the **most effective solution**, along with accurate quantities and pricing. This assists in ensuring that your budget requirements are met and enables you to plan product deliveries to match your build programme.

Digital information

We have over **250 BIM objects** and are continually developing meaningful digital information content which you can then use for your Building Information Modelling requirements (BIM). For project specific requirements, you may require geometric models, data sets or both, therefore, please contact us so we can prescribe your digital information requirements at design@ibstock.co.uk





Knowledge and education

Our technical team are also passionately committed to Continual Professional Development (CPD) for the specification community and architectural students at schools of architecture. We offer the following CPD programmes and bespoke lectures to industry professionals and educational institutions throughout the UK and Ireland.

An Introduction to Brickwork

Designed to provide information on the basic principles of brickwork for those new to specifying brickwork, or for those requiring a 'back to basics' refresher. The seminar addresses different **techniques of manufacturing** bricks to provide a variety of finishes and appearances – durability, mortar and the importance of setting out brick dimensions are covered. Along with an overview of DPC's, basic principles of movement and also the use of special shapes. Concludes with a look at some of Istock's the innovations in clay.



Achieving Quality Brickwork

Our 'Achieving Quality Brickwork' seminar covers the codes and working practices that result in **high quality finished brickwork**. This includes the industry recommendations on the appropriate use and correct choice of brick for the geographic locations.

Standards of workmanship, good working practices and the **relevant governing standards** for site based work are also discussed.

Designing for Movement

Our 'Designing for Movement' seminar covers the essential considerations that must be given to **brickwork movement characteristics**. How this movement should be accommodated, materials for movement joint fillers and sealants is covered, together with illustrations of examples, both good and bad.



Durability of Brickwork

Our 'Durability of Brickwork' seminar outlines the key design considerations and applicable criteria to **maintain long-term durability and satisfactory appearance** of brickwork. Discussions include brickwork exposure, codes of practice, correct brick selection and mortar specification and jointing. The seminar also covers the necessary detailing of DPCs, cavity trays, parapets and copings to ensure that brickwork remains durable.

Innovation in Brickwork

Our 'Innovation in Brickwork' seminar is designed to provide information on the **innovative products** that Istock has introduced. The presentation provides details on how the innovations can benefit both specifiers and their clients and how they can be used in work. Innovations included are:

- **Fireborn (large format bricks)**
- **Glazed bricks**
- **Tilebrick**
- **MechSlip and Generix**
- **Brickwork components**
- **Linear**
- **Precast brickwork and more...**
- **Brickfaced GRC**



Factory tour

We can offer informative tours around any of Istock's 21 factories, following the **manufacturing process from start to finish**. Within the group a variety of processes can be observed, ranging from traditional hand making and clamp firing through to extruding bricks and the latest tunnel kilns.

Ibstock Brick University (IBU)

The IBU is our flagship course which has been running for **21 years** and has received high praise from delegates. Calling on our wealth of technical knowledge and expertise these regular learning zones are dedicated to increase brick **knowledge from a technical and design perspective**. The duration of the course is 4 days and is ideal for Istock's customers to send new employees to learn about all things brick, or great as a refresher to top up your existing knowledge. Subjects covered include:

- **Brick manufacturing techniques and aesthetics**
- **Design services, special shapes and architectural drawings**
- **Good site practice, troubleshooting and workmanship**



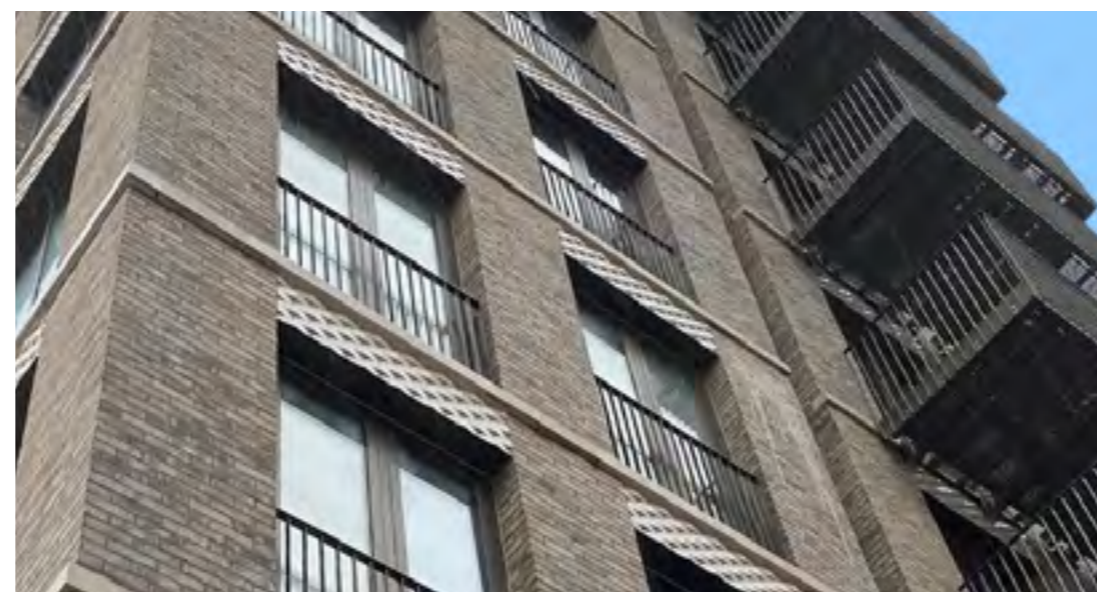
Nexus – Brick Slip Soffits and Lintels

This CPD aims to provide information on Ibstock's Kevington Nexus range, an **offsite manufactured, brick slip soffit system**.

We will take you through the creation and development of Nexus, highlighting the product components, the rigorous testing regime and certification process, installation and legislation requirements, specifically changes to Approved Document B (ADB). This will assist you in a **greater understanding** of the design implication for your project and also specification requirements.

NEXUS XI®

REACHING NEW HEIGHTS



MechSlip – Mechanically Secured, Real Brick Cladding System

Designed to provide information on the basic principles of the **MechSlip rain screen cladding system**, this technically focused seminar considers the features and benefits of a lightweight mechanically fixed brick cladding system as a modern method of constructing a brick façade.

The presentation addresses a multitude of topics with respects to the A1 and BBA approved system; highlighting the design flexibility, detailing and aesthetics that can be achieved; technical properties and product components; the **rigorous testing and performance for certification**; the principles of installation and legislation compliance. It concludes with an overview of some of the projects and innovations in MechSlip that Ibstock Kevington has to offer.

Carbon Conscious Design

Our Carbon Conscious seminar covers the impact design choices can have on the UK's built environment landscape. And, we'll help you understand how these can be explored to **improve the viability** of specifying sustainable materials that can contribute to Net Zero and ESG. Here's an overview of what you'll learn:

- **Sustainable choices – re-thinking preconceptions about today's building materials**
- **About bricks – how the humble clay brick can deliver on inspiring (and sustainable) design briefs**
- **Embodied carbon: Exploring how bricks compare to other building materials**
- **The value of transparency of product information and manufacturer data**
- **What you can do to drive more balanced approaches to specification**



To register for a CPD programme, please [click here](#).

For more information on how we can help or to discuss your project requirements, please contact us on:

FOR DESIGN QUERIES EMAIL
design@ibstock.co.uk

FOR TECHNICAL QUERIES EMAIL
technical@ibstock.co.uk

TO REGISTER FOR A CPD PROGRAMME
[click here](#)