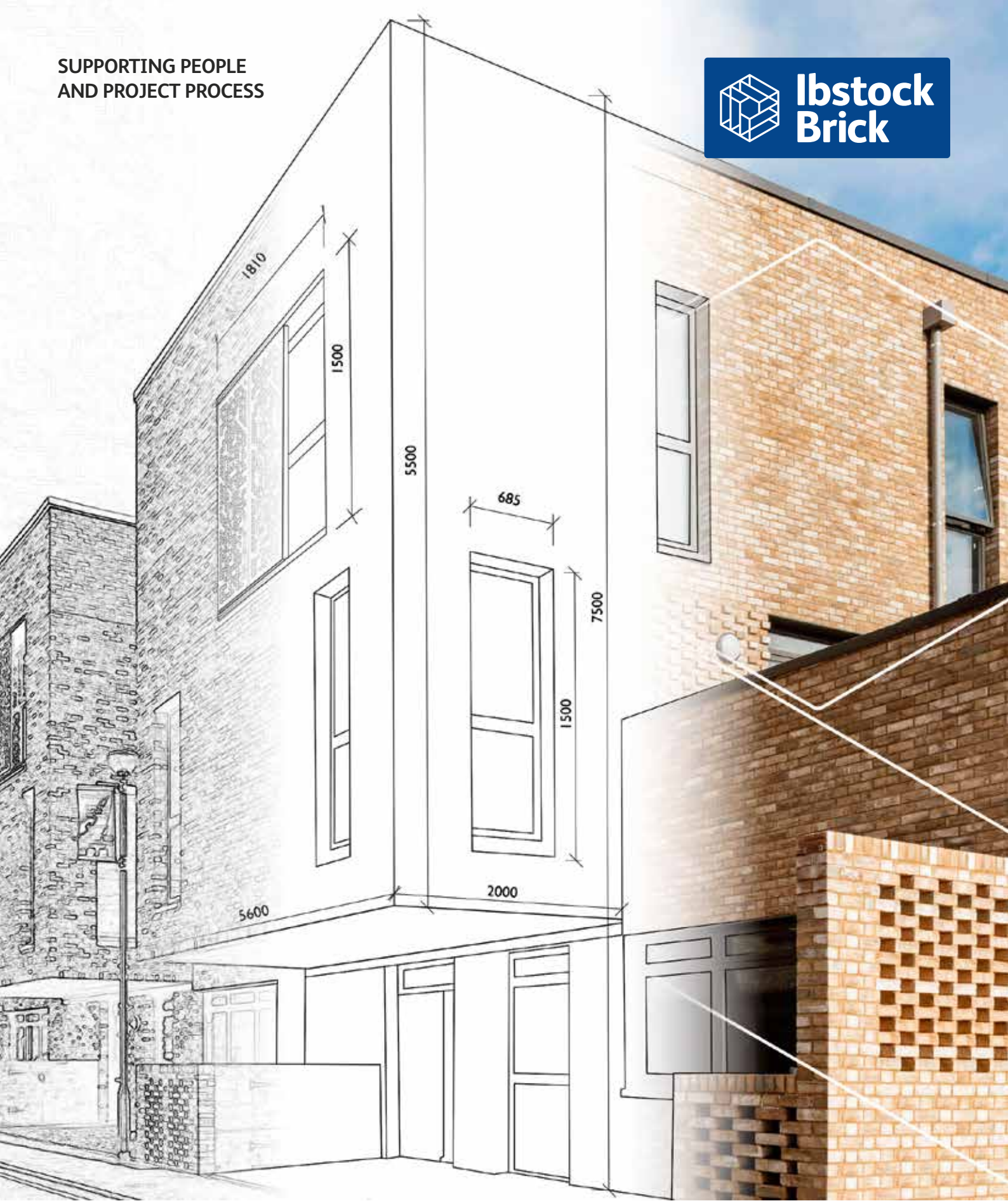


SUPPORTING PEOPLE  
AND PROJECT PROCESS



TECHNICAL AND  
DESIGN SUPPORT





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

## Knowledge and education



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.



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 practicing professionals and university students through Ibstock's comprehensive CPD and training programme.

We believe passionately in knowledge building and sharing and we continue to invest in this area to ensure that the best information value is passed on to both you and your project.



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



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 specification.



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

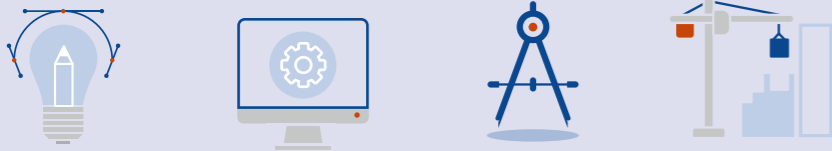


We can support your build phase by offering a clear understanding on product build sequences.

Guidance on good site practice can also be obtained by speaking to our technical advisors.

## Supporting people and project process

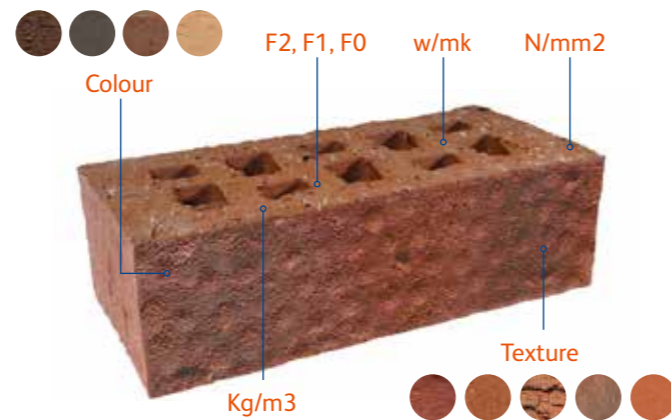
Our qualified and experienced design and technical teams can help you deliver greater performance, aesthetics and cost control for your project. By supporting your design at the earliest possible stage, we have more opportunities to drive additional value into your project.



### 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.

In depth 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.



### Design support

Fulfilling the vision of your project relies upon many key design elements coming together. 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, specific detailing for brick cladding systems such as Nexus and MechSlip, means that our experience ensures that we can be your trusted and reliable sounding board. This support can be accessed by calling 0844 800 4576 or by emailing [design@ibstock.co.uk](mailto:design@ibstock.co.uk)



### Technical support

Good preparation and site practice is essential for the final build quality of your project. 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 via our technical helpline (0844 800 4576) and email service on [technical@ibstock.co.uk](mailto:technical@ibstock.co.uk). Further technical support can be found on our website [www.ibstockbrick.co.uk](http://www.ibstockbrick.co.uk)

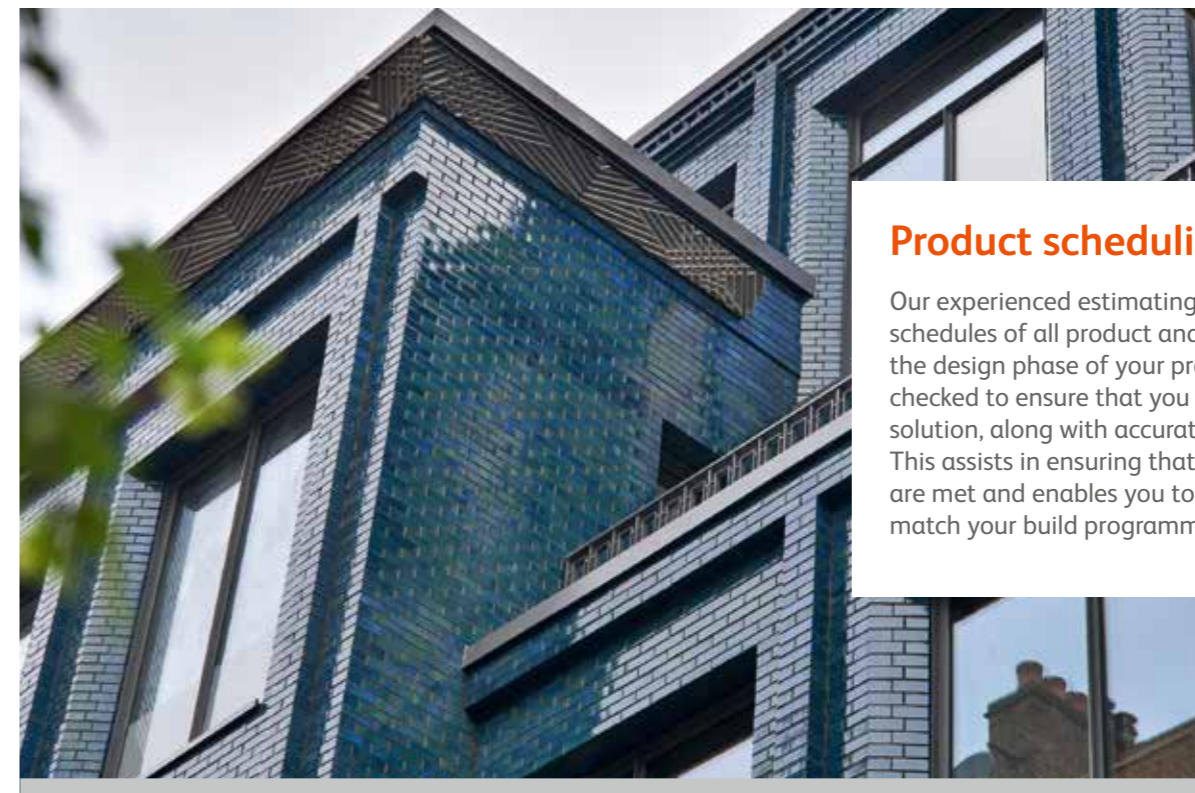
### Bespoke brick component/ system design

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](mailto:design@ibstock.co.uk).





## Knowledge and education

Our technical team are also passionately committed to CPD (Continual Professional Development) for the specification community and architectural students at schools of architecture. As such, we offer the following CPD programme and lectures which are available throughout the UK.



### An Introduction to Brickwork (RIBA accredited)

This presentation has been 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. It concludes with a look at some of the innovations in clay that Ibstock have to offer.

### Achieving Quality Brickwork (RIBA accredited)

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.

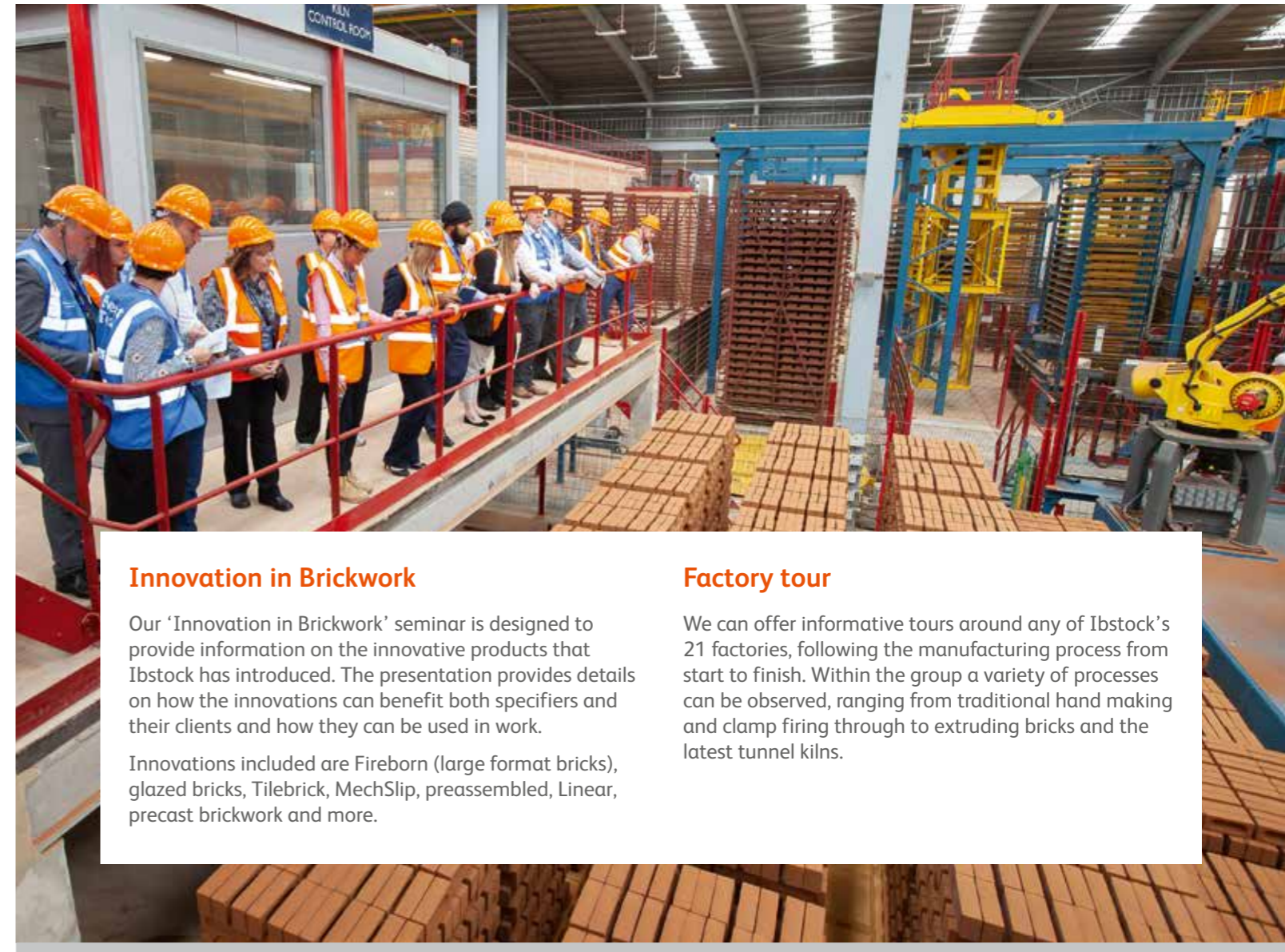


### Designing for Movement (RIBA accredited)

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 (RIBA accredited)

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 Ibstock 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, preassembled, Linear, precast brickwork and more.

### Factory tour

We can offer informative tours around any of Ibstock'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.



### IBU – Ibstock Brick University

The IBU is our flagship course which has been running for 21 years and has received high praise from delegates.

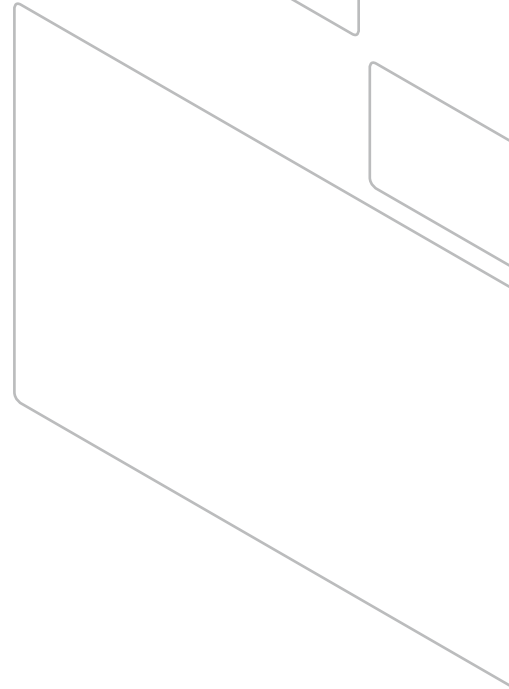
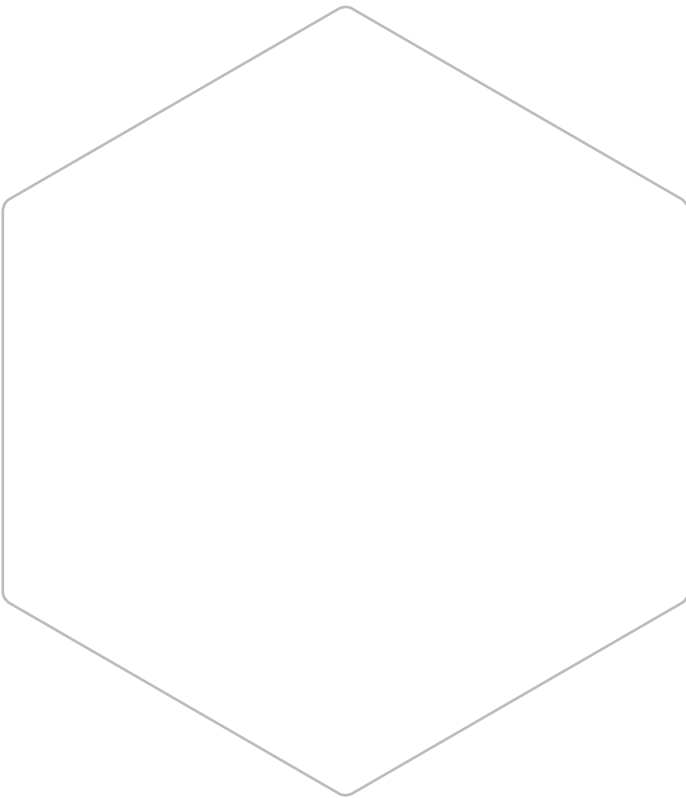
Calling on our wealth of technical knowledge and expertise these regular learning zones are dedicated to increase brick knowledge from a technical and design perspective. The duration of the course is 5 days and is ideal for Ibstock's customers to send new employees to learn about all things brick, or 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



**Ibstock  
Brick**



# Contact

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## TECHNICAL

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**Ibstock**  
At the heart of building