

## Ibstock Brick Ltd



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### CPD Overview

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We are the leading clay brick manufacturer in the UK, with an extensive product range with 16 manufacturing sites across the country, strategically located near to extensive self-owned clay reserves. We supply significantly into the new build housing sector, the Repair, Maintenance and Improvement (RMI) market through builders' merchants and the specification sector through a number of our direct distribution channels.



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### Available CPD Material (5)

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#### Projecting and recessed brickwork design and durability

Projecting and recessed brickwork design can provide additional interest and texture in buildings and free standing walls. Although projecting and recessed brickwork isn't new, unique contemporary brick aesthetics are being achieved using these techniques. This CPD Article sets out what needs to be considered in designing projecting or recessed brickwork details. By the end of the CPD you should have a greater understanding of:

- Popular terminology for the anatomy of a brick and brick types.
- Why partially exposing the bed face of a brick is classed as a non-standard application of brick.
- The exposure and its effect on the projecting or recessed brick detail.
- The freeze thaw durability classification of brick, as defined in BS EN 771-1.
- Whether additional mechanical restraint or support will be required to a wall containing these feature

Material type: Article

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### An Introduction to Brickwork

This seminar will help you:

- Gain an understanding of the different brick making processes
- Identify and specify the right brick
- Know how mortar choice affects durability and appearance
- Understand brickwork bonds and setting out
- Understand the basics of movement and masonry

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology

Knowledge level: General Awareness

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### Achieving Quality Brickwork

Achieving Quality Brickwork covers the codes and working practices that result in high quality finished brickwork. The industry recommendations on appropriate use of brick and the choice of brick for the geographic locations are covered. Standards of workmanship with good working practices and the relevant governing standards for site based work are discussed.

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology

Knowledge level: General Awareness

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### Designing for Movement

This seminar outlines the essential considerations that must be given to all brickwork to accommodate movement, the largest contributor being expansion and contraction due to changes in temperature, along with irreversible moisture expansion.

The presentation examines the requirement for movement joints in modern brickwork construction, together with the movement characteristics of brick, which influence the location of movement joints. The seminar also discusses recommendations for movement joint fillers, sealants, and wall ties in relation to current standards and looks at the importance of the influence of other materials in the outer leaf.

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology

Knowledge level: General Awareness

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## Durability of Brickwork



This seminar aims to show:

- The importance of understanding the technical properties of different brick types.
- Design and technical considerations associated with brick, mortar and damp proof course specification, workmanship and installation.
- Good practice detailing of architectural brickwork features.
- Where to include movement joints in brickwork.

Material type:

Seminar

RIBA Core Curriculum:

Design, construction and technology

Knowledge level:

General Awareness

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## Classifications

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### Subject/Product Areas (CI/SfB)

Structure

External walls > Copings, cappings

External works

Landscaping, hard surfaces, pools > Paving

General products

Blocks and bricks > Clay bricks

### RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*