

# Vandersanden Brick



16 Stocks Bridge Way, Compass Point Business Park, St. Ives, PE27 5JL  
[www.vandersanden.com](http://www.vandersanden.com)  
Sarah Jefferson, Tel: +44 (0) 1954 268075, [inspiration@vandersanden.com](mailto:inspiration@vandersanden.com)

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## CPD Overview

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Vandersanden is a clay brick manufacturer renowned for its innovation, sustainability and craftsmanship.

The company produces a vast array of high-quality clay bricks, brick slips and brick solutions in different finishes and colours, ranging from reds and browns, to greys, creams and buffs that will inspire and enable the design and construction of beautiful buildings.

All Vandersanden bricks meet the EN771-1 standards as well as F2/S2 ratings for durability. As a company, Vandersanden is focused on sustainable manufacturing and all its brick factories are certified to ISO 14001, the recognised standard for environmental management.

The bricks are made from completely natural elements including clay, sand and water and 100% of the raw material is turned into a brick. It means the production efficiency is 100% and allows for zero waste.

Customers are at the heart of everything Vandersanden does and its aim is to build longstanding, collaborative relationships with its customers to truly understand their requirements. Its goal is to be the benchmark in innovation, environmental sustainability, society and towards its employees.

For more information about Vandersanden and to discover our complete range of specifier solutions, please visit [www.vandersanden.com](http://www.vandersanden.com).

Be informed and inspired by the potential of brick to transform your projects. Register for our specifier Inspiration Guide here

Over 1.1 million possibilities!  
Create, download and visualise beautiful brick facades with our New Texture Generator here

Stay up to date and discover new trends, techniques, and innovations with our RIBA CPDs here



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## Available CPD Material (7)

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### The Vandersanden Inspiration CPD series - CPD #7 Brick: circularity, sustainability and innovation

In this CPD we focus on providing information to be considered when specifying brick as a sustainable material.

We provide a brief introduction to brick as a building material, and then look at sustainability goals and definitions providing references and useful resources.

We look at how bricks are manufactured to ensure long term sustainability, and look at the important role innovation plays to reduce the use of clay through manufacture of thin bricks and manufactured brick slips, to meet the required standards for the circular economy.

This CPD also provides information on industry standards, health and safety, brick supply, management & handling. An essential CPD for all specifiers

By the end of the CPD you should have a greater understanding of:

- key features of clay brick, industry standards, health & safety, brick supply, management & handling
- options for reduced use of clay in manufacturing bricks and brick slips
- the end of life circularity of clay brick - reuse and recycling
- resources available to design to achieve sustainable outcomes/sustainable buildings
- innovations in brick for sustainability - the future of brick

Material type:

Seminar

RIBA Core Curriculum:

**Design, construction and technology**  
**Sustainable architecture**

Knowledge level:

General Awareness

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### Movement in brickwork

How to design to accommodate movement in brickwork and the possible causes and types of movement, including where to position vertical and horizontal movement joints in clay brickwork to allow for movement and prevent cracking. The seminar outlines the various movement joint materials and explains how including bed joint reinforcement in brickwork may be helpful in designing to accommodate movement. Technical considerations to be addressed for cavity wall construction and stability, both generally and in relation to movement joints. The seminar also provides information on the important considerations when designing and building with brick, including industry standards, health and safety, brick supply, management & handling.

- Understand the key features of clay brick
- Understand the anatomy of a brick and the different brick types
- Understand the causes and types of movement, how to accommodate movement and locate movement joints
- Understand bed joint reinforcement and technical considerations for cavity wall construction
- Understanding the key considerations when designing and building with brick

Material type:

Seminar

RIBA Core Curriculum:

**Design, construction and technology**

Knowledge level:

General Awareness

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Multiple formats

### Textured Brickwork

This CPD will help specifiers understand how texture can be used to enhance building aesthetics when designing with clay bricks. It will provide an introduction to well known example projects, the main brick types available, the relevant bonding patterns & technical considerations, and an overview of the texture effects that can be achieved when specifying and designing brick facades.

This material aims to increase understanding of:

- Where clay bricks come from and how they are made
- The anatomy of a brick and the different brick types
- Using well known architectural projects to provide design inspiration
- The commonly used bonding patterns used to achieve textured facades
- The basics of movement in brickwork and other key technical considerations.

This CPD can be delivered to you live and remotely.

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness

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### Together We Build Greatness Podcast Series: Episode 2: Why Brick?

A series of podcasts from Vandersanden covering everything from the basics of brick and the different brick options available, through to demonstrating the potential of brick through design inspiration and also technical innovation

Material type: Podcast

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

Knowledge level: Microlearning

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### Together We Build Greatness Podcast Series: Episode 1

This podcast series aims to inform and inspire architects and specifiers in the potential of brick as a building product. It covers everything from the basics of brick and the different brick options available, through to demonstrating the potential of brick through design inspiration and technical innovation.

Material type: Podcast

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

Knowledge level: Microlearning

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Multiple formats

### How to Avoid Brick Stains and Efflorescence

This CPD will help specifiers to understand the main reasons that brick stains and discolouration occur, and how they can address these issues either post construction or at the building design and specification stage. By the end of the CPD you should have a greater understanding of:

- The issues and what you need to consider during the specification stages
- The available options to rectify and eliminate the issues both prior to and after construction
- Solutions to ensure that the beauty of a brick facade and therefore the architecture can withstand the rigours of time

This CPD can be delivered to you live and remotely

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness

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Multiple formats

### Brick Basics

This CPD will provide an introduction to clay bricks used in construction. Topics covered include the main brick types available, the main bonding patterns and key technical considerations when specifying and designing brick facades. By the end of the CPD you should have a greater understanding of:

- Where clay bricks come from and how they are made
- The anatomy of a brick and the different brick types
- The benefits of brick in architecture
- The commonly used bonding patterns (UK) and the influence of joints and mortar
- The basics of movement in brickwork and other key technical considerations

This CPD can be delivered to you live and remotely.

Material type: Online Learning, 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)

External works

Landscaping, hard surfaces, pools > Paving

General products

Blocks and bricks > Clay bricks

Blocks and bricks > Brick, blockwork reinforcement

### RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*