V2.04.2025

Forterra is a leading manufacturer of a diverse range of clay and concrete building products, used extensively within the construction sector, and employs over 1,600 people across 15 manufacturing facilities in the UK.

We are one of the largest brick and aircrete block manufacturers in the country, and the only producer of the iconic London Brick. Other trusted brands include Thermalite, Conbloc, Ecostock, Butterley, Cradley, Red Bank, Bison Precast and Formpave.

forterra.co.uk

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Roman Way
Northampton
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FORTERRA

THE ORIGINAL LONDON BRICK

ECOSTOCK BRICK

BUTTERLEY BRICK

CRADLEY SPECIAL BRICK

forterra.co.uk

THE BRICK GUIDE

FORTERRA

THE BRICK GUIDE

HELPING TO CREATE LASTING LEGACIES

Forterra is a leading manufacturer of clay and concrete building products. Some of its brands have been around since the 19th century, providing a constant and reliable source of high quality materials for the UK's construction industry.

FORTERRA TODAY

Forterra continues to be a prominent investor and innovator in the development of building materials and employs almost 1,600 people across 15 manufacturing sites. Alongside craftsmen employing centuries-old techniques to create bespoke products for restoration or one-off projects, the company also operates state-of-the-art manufacturing facilities with an annual production capacity of over half a billion bricks.

At its seven brick manufacturing facilities, some of the industry's best-known clay brick brands are produced. These include the Butterley range of wire-cut extruded bricks, the Ecostock range of pressed, thrown and waterstruck bricks, Cradley special shaped and bespoke bricks, and the original London Brick of which Forterra is the only producer in the country. London Brick has been in continuous production since 1877, its distinctive 'frog' formation making it easy to handle and the clay brick of choice for training future generations of bricklayers.

New Desford, the largest and most efficient brick factory in Europe, officially opened in May 2023. Desford will manufacture 180 million bricks per annum, enough to produce 25,000 new homes and provide customers with an additional 120 million domestically produced bricks.

We manufacture bricks in a wealth of red, buff, yellow, brown, blue and grey colours, and in several textures: smooth, with a consistent, uniform character; light textured, which is modern and uniform, with an indented or printed finish; heavy textured, with a harder and rougher texture for a more rustic brick with a consistent finish; and tumbled, a distressed and irregular shape associated with reclaimed bricks.

INTRODUCING OUR BRANDS

In continuous production since 1877, the iconic London Brick has been used in the building of almost a quarter of England's housing stock. It's an astonishing legacy for a product that is still made in the same way as it was over 140 years ago.

Today, London Brick is produced primarily for the residential renovation, maintenance and improvement (RMI) market. The 23 styles and colours in its range are designed to match the five million homes built using London Bricks as owners look to improve and extend their homes.

Ecostock bricks are manufactured at our Measham facility one of the UK's largest, most advanced, fully automated soft mud brick manufacturing plants in UK.

We produce three kinds of this soft mud brick, stock pressed with a smooth, sand faced finish; stock thrown, which have a traditional handmade appearance; and waterstruck, which have a smooth but irregular surface. Ecostock bricks are available in a wide selection of red, buff, grey and yellow colours.

The Butterley name has been synonymous with brick manufacturing in the UK for over 150 years and is the largest brick offering from Forterra producing around 300 million bricks a year.

The current range of Butterley wirecut extruded bricks has a wealth of colours and finishes to suit both classic and contemporary architecture. Choose from red, buff, yellow, brown, blue and grey bricks in a smooth, uniform finish; a modern, lightly textured finish; a more rustic looking heavy textured; or tumbled, which has the distressed, irregular look of reclaimed bricks.

The Cradley Special Brick team create products for heritage restoration projects alongside those for renovations, extensions and modern builds, whether it's producing a large run of British Standard bricks or carefully crafting a bespoke special.

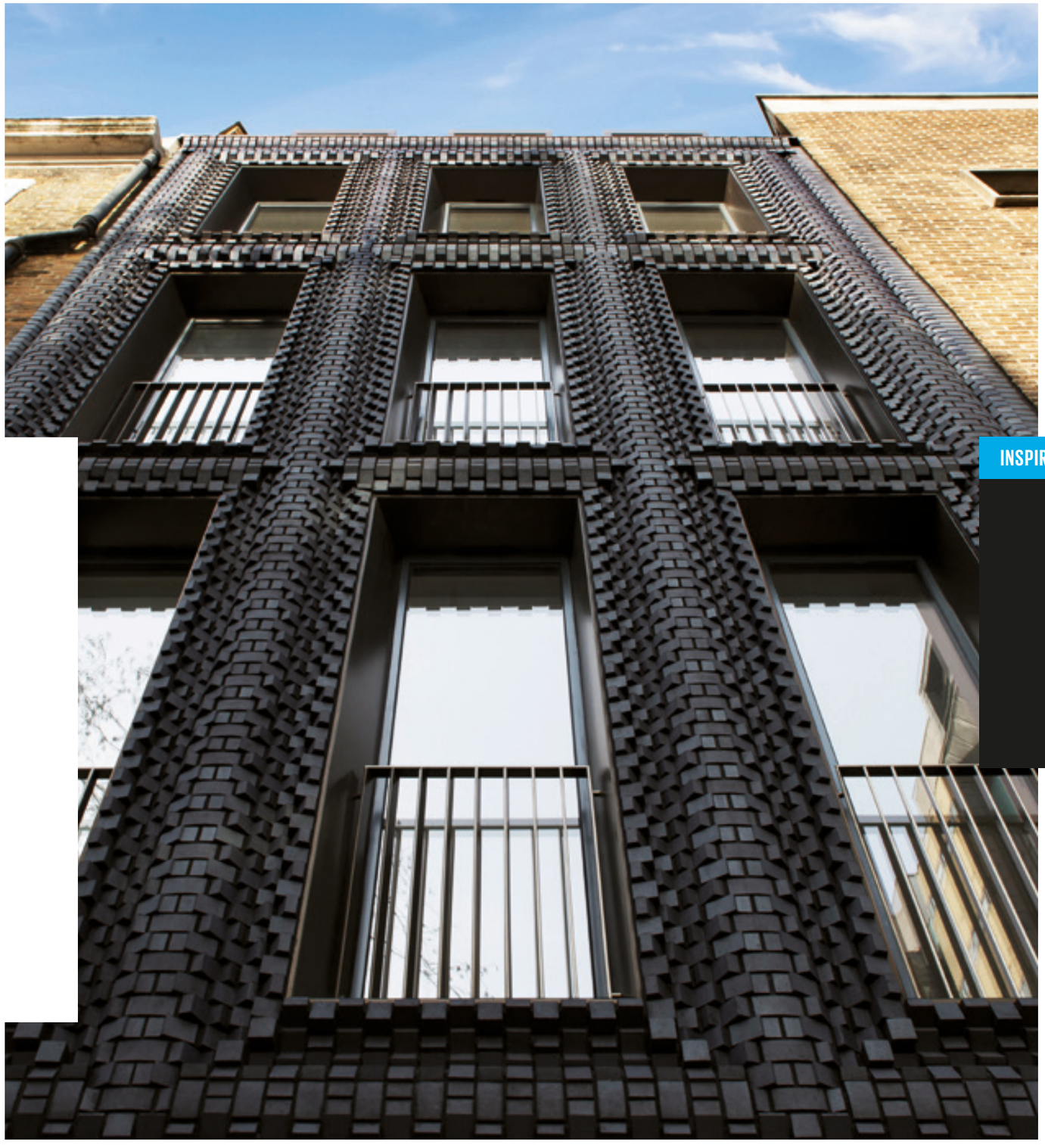
With over 8,000 unique special shaped brick patterns on file alongside standard ones, the Cradley Special Brick range is one of the most comprehensive in the UK.

CONTENTS

Disclaimer
Photographic representation of our brick colours does not always accurately portray the true colour of the product and we recommend a sample is requested before ordering. The colours in this brochure are as true as can be obtained by the normal printing process. All dimensions are in mm, drawings not to scale and all sizes nominal. Forterra is committed to a programme of continuous product development and reserves the right to alter specifications without prior notification.

CLAY BRICK, SUSTAINABLE DURABLE BEAUTIFUL

The wide variety of textures, colours, sizes and shapes of clay brick available from Forterra provide endless possibilities for aesthetic design, from traditional to contemporary.



INSPIRATIONAL ARCHITECTURE

Forterra has worked with architects, engineers and house builders to maximise the potential of clay brick, creating buildings that combine outstanding aesthetics with benefits that only brick can provide: durability, little to no maintenance, and recyclable at the end of its use. It also contributes to thermal mass, resulting in buildings which need less energy for heating.

HAMPTON RURAL BLEND

RED BRICKS

BUTTERLEY BRICK

Texture
Rolled Back

BUTTERLEY BRICK

Texture
Rolled Back

BUTTERLEY BRICK

Texture
Dragfaced

BUTTERLEY BRICK

Texture
Indented

ARUNDEL MIX

ECOSTOCK BRICK

Texture
Creased

ATHERSTONE RED

ECOSTOCK BRICK

Texture
Smooth Sanded

ATHERSTONE RED MULTI

ECOSTOCK BRICK

Texture
Smooth Sanded

AUTUMN GLOW

ECOSTOCK BRICK

Texture
Creased

AUTUMN GLOW MULTI

ECOSTOCK BRICK

Texture
Creased

CASE STUDY

OVERSLADE LANE

This prestigious three-storey new build property in the village of Bilton was designed following close liaison with the local planning authority to ensure empathy to other nearby homes.

The selection of Forterra's Autumn Glow facing brick was central to the project's success in addressing the concerns of the local planners while enabling the client to meet their personal aesthetic requirements.

The enhanced durability designation allowed the creation of a seamless brick facade.

ARCHITECTS
JOHN HALTON DESIGN LTD

CONTRACTORS
T. BALFE CONSTUCTION LTD

BOXHILL MELD

ECOSTOCK BRICK

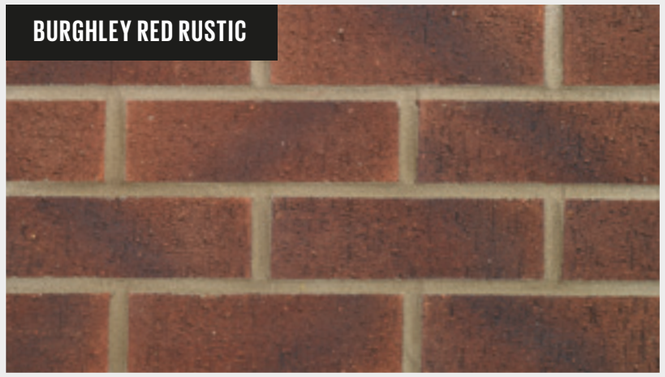
Texture
Creased

BRECKLAND MULTI RESERVE

BUTTERLEY BRICK

Texture
Rolled Back

BURGHLEY RED RUSTIC



BUTTERLEY BRICK

Texture
Rusticated

CANTERBURY MULTI STOCK

ECOSTOCK BRICK

Texture
Creased

CHELSEA SMOKED RED

CATON RUSSET MIXTURE

BUTTERLEY BRICK

Texture
Indented

CASE STUDY

SCHOONER WHARF

Schooner Wharf is a new build, mixed tenure housing development in a prominent location in Cardiff Bay.

It comprises 85 one and two-bedroomed apartments, and 32 two, three and four-bedroomed affordable houses and townhouses designed to meet Welsh DQR, Lifetime Homes and RNIB Standards. It was commissioned by Cardiff Community Housing Association (CCHA) in response to a need for affordable housing and is the first open market scheme to be developed by CCHA.

The site layout is based upon the continuation of taller, linear waterside development. The 85 apartments are situated in a seven-storey waterside apartment building, creating an eastern boundary. While the 32 high quality affordable homes are laid to the west, reflecting the existing residential developments which drop in height and scale away from the waterside.

The apartment building is clad mainly Forterra Chelsea Smoked Red, a charred red brick, referencing the site's industrial history and helping it to blend with its context.

The structural frame of the apartment block is an offsite light gauge metal frame (MetFrame), which would have required extensive engineering, i.e., the inclusion of hot rolled steel, to allow conventional brick laying at higher levels. However, this issue was overcome with the use of a brick slip system used at the upper levels where the façade steps in vertically, and above large and corner window openings.

Chelsea Smoked Red, a charred red brick, references the site's industrial history and helping it to blend with its context.

ARCHITECTS
AUSTIN SMITH LORD

CLIENT
MORGANSTONE

RED BRICKS

CHATSWORTH MULTI

BUTTERLEY BRICK

Texture
Rolled Back

CHELSEA SMOKED RED

ECOSTOCK BRICK

Texture
Creased

CHERTSEY ANTIQUE BLEND

ECOSTOCK BRICK

Texture
Creased

CHESHIRE RED MULTI

BUTTERLEY BRICK

Texture
Indented

RED BRICKS


CLUMBER RED MIXTURE

CHILTERN

THE ORIGINAL LONDON BRICK

Texture
Indented

CLAYDON RED MULTI

THE ORIGINAL LONDON BRICK

Texture
Indented

CLOCKHOUSE MIXTURE

ECOSTOCK BRICK

Texture
Creased

CHIDWELL MULTI

BUTTERLEY BRICK

Texture
Indented

CLUMBER RED

BUTTERLEY BRICK

Texture
Smooth Sanded

CLUMBER RED MIXTURE

BUTTERLEY BRICK

Texture
Smooth Sanded

COUNTY MULTI DRAGFACED

BUTTERLEY BRICK

Texture
Dragfaced

65 & 73mm

COUNTY MULTI RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

65 & 73mm

COUNTY MULTI SMOOTH

BUTTERLEY BRICK

Texture
Smooth

65 & 73mm

COUNTY RED DRAGFACED

BUTTERLEY BRICK

Texture
Dragfaced

65 & 73mm

COUNTY RED RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

65 & 73mm

COUNTY RED SMOOTH

BUTTERLEY BRICK

Texture
Smooth

65 & 73mm

ORDER YOUR BRICK SAMPLES

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DARK MULTI RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

65 & 73mm

DARK MULTI SMOOTH

BUTTERLEY BRICK

Texture
Smooth

65 & 73mm

DARK TAME VALLEY

BUTTERLEY BRICK

Texture
Dragfaced

EDWARDIAN DRAGFACED

BUTTERLEY BRICK

Texture
Indented

FARMSTEAD ANTIQUE

BUTTERLEY BRICK

Texture
Indented

FULWOOD MULTI

BUTTERLEY BRICK

Texture
Indented

HAMPTON RURAL BLEND

CASE STUDY

WESTON HILLS

An architect designed, self-build house with annexe for a multi-generational family built to zero-carbon standards.

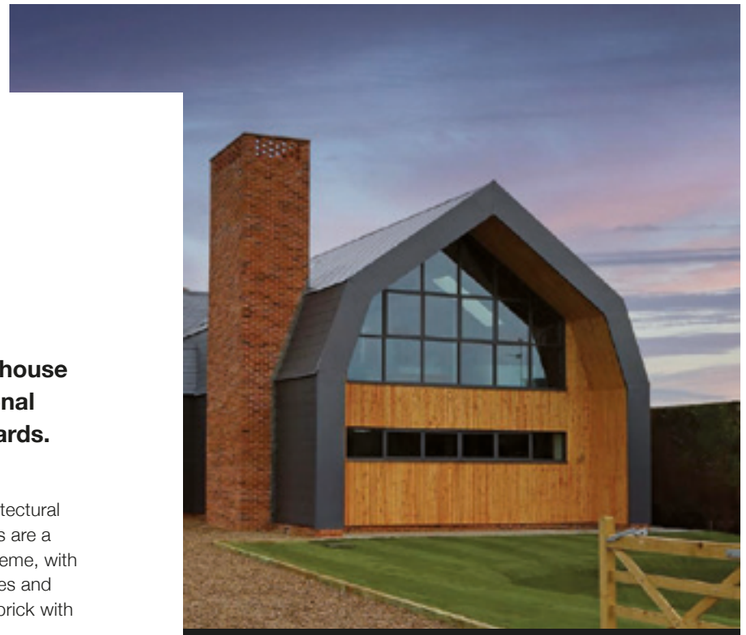
The scheme's design is influenced by the architectural vernacular of the area. The surrounding houses are a legacy of the Land Settlement Association scheme, with distinctive mansard roofs, steeply sloping gables and dormer windows, constructed in a simple red brick with terracotta plain tiles.

The mansard is reflected in the new house with the roof extending down to form the walls. Instead of terracotta tiles, large format slate has been used to form a modern equivalent. The house is mainly slate tile; however, it was felt important to also reflect local brickwork. As such, brickwork was used for two huge brick-faced chimney stacks that rise through the gable.

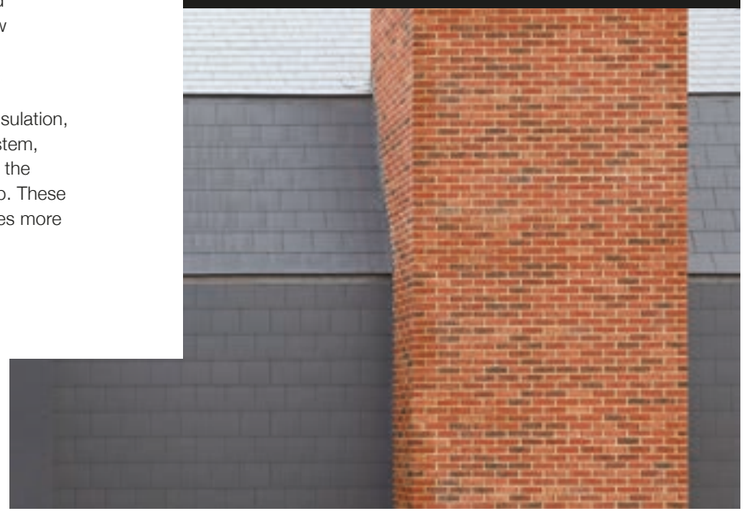
To form a contrast with the very smooth grey of the slate, a textured red brick with slight colour variation was sought. White mortar lightens the brickwork while recessed mortar joints are used inside to provide shadow to each brick. Perforated brickwork surrounds the stone coping on both chimney stacks, adding visual interest to the building through both the materials and the shadows created by the brickwork perforations.

Ecostock bricks were used, which are manufactured using the latest technology in sustainability and production efficiency, producing bricks with low embodied energy as well as advanced colour consistency, dimensional accuracy and quality.

The structure incorporated huge amounts of insulation, a mechanical ventilation with heat recovery system, and a solar photovoltaic array at the bottom of the garden, along with a ground-source heat pump. These installations will ensure that the house generates more electricity than it could ever use.



The brick selected was stock thrown Hampton Rural Blend from Forterra's Ecostock range. It has a rustic finish resembling handmade brick.



ARCHITECTS
STUDIO 11 ARCHITECTURE

RED BRICKS

GEORGIAN

THE ORIGINAL LONDON BRICK

Texture
Sandfaced

HAMPTON RURAL BLEND

ECOSTOCK BRICK

Texture
Creased

HARTHILL RED

BUTTERLEY BRICK

Texture
Dragfaced

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RED BRICKS

HEATHER

THE ORIGINAL LONDON BRICK

Texture
Sandfaced

65 & 73mm

HEATHER MULTI

BUTTERLEY BRICK

Texture
Sandfaced

KIMBOLTON RED MULTI

BUTTERLEY BRICK

Texture
Indented

KIRTON ARDEN RED

BUTTERLEY BRICK

Texture
Indented

LAGGAN MIXTURE

LAGGAN MIXTURE

BUTTERLEY BRICK

Texture
Dragfaced

LANGWITH RED RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

LINDUM COTTAGE RED MULTI

BUTTERLEY BRICK

Texture
Smooth Sanded

MANDARIN MIXTURE

BUTTERLEY BRICK

Texture
Dragfaced

MEADOW RED

BUTTERLEY BRICK

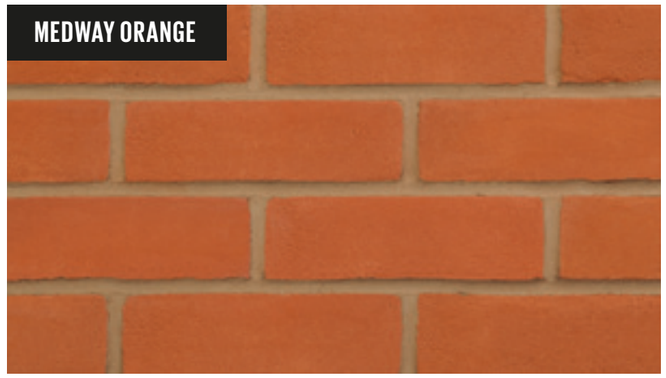
Texture
Indented

MEDWAY BLEND

ECOSTOCK BRICK

Texture
Smooth Sanded

MEDWAY ORANGE



ECOSTOCK BRICK

Texture
Smooth Sanded

MORAY RED MIXTURE

BUTTERLEY BRICK

Texture
Rusticated

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RED BRICKS

OAKTHORPE RED MULTI STOCK

NOTTINGHAM RED RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

OAKTHORPE RED MULTI STOCK

ECOSTOCK BRICK

Texture
Creased

OAKTHORPE RED STOCK

ECOSTOCK BRICK

Texture
Creased

OLD ENGLISH BRINDLE RED

BUTTERLEY BRICK

Texture
Indented

OLD ENGLISH ROSE RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

RED BRICKS

OLD TRAFFORD RED

BUTTERLEY BRICK

Texture
Dragfaced

QUEENS BLEND

BUTTERLEY BRICK

Texture
Dragfaced

RANNOCH MULTI RED

BUTTERLEY BRICK

Texture
Indented

REGENCY

THE ORIGINAL LONDON BRICK

Texture
Sandfaced

ROSSENDALE SMOOTH RED

BUTTERLEY BRICK

Texture
Smooth

RUFFORD RED MULTI

BUTTERLEY BRICK

Texture
Dragfaced

RUSSET MIXTURE

BUTTERLEY BRICK

Texture
Dragfaced

RUSTIC

THE ORIGINAL LONDON BRICK

Texture
Rusticated

65 & 73mm

RUSTIC ANTIQUE

THE ORIGINAL LONDON BRICK

Texture
Rusticated

65 & 73mm

SANDFACED

THE ORIGINAL LONDON BRICK

Texture
Indented

SHERWOOD RED MIXTURE

BUTTERLEY BRICK

Texture
Indented

SOUTHDOWN MULTI

BUTTERLEY BRICK

Texture
Rolled Back

ST ANNES RED SMOOTH 75MM

BUTTERLEY BRICK

Texture
Smooth

75mm

SUNSET RED

THE ORIGINAL LONDON BRICK

Texture
Indented

CASE STUDY

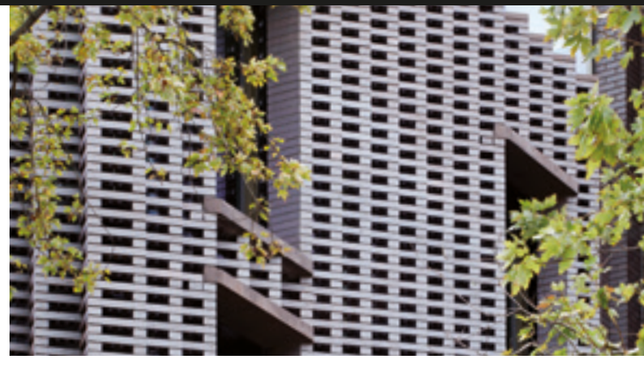
YORK HOUSE

Originally an anonymous, almost forbidding, seven-storey office block constructed in the 1980s, York House on Pentonville Road in Islington has been transformed into a contemporary, light-filled co-working space fit for 21st century use.

The original building frontage was set back from the road, but the addition of a new five-story front extension introduces an attractive double-height entrance with offices above. Using similar engineering bricks to the main, original, building the new construction allows light to flood in through the structurally self-supporting perforated brick lattice, angled at 45 degrees to gain stiffness. A cross-laminated timber structure sits behind while openable windows allow fresh air to circulate.

The brick selected for the project was Blue Brindle Smooth - a high quality smooth brick that matches closely the masonry of the original building. The complexity of the lattice work structure required special shapes of brick and perforation to allow visibility through the bricks at the right points. Working closely with the architect, it took the team nine months of developing and testing to get the strength of the product right. Three lengths of brick were produced and used in the construction of the extension: 215s were used in the building of the chevron parapet, 345s were used on the parapet and alongside the entrance, and 440s were used to create the latticework on the main entrance.

At roof level, a new cross-laminated timber structure, clad in a perforated zig-zag aluminium screen, echoes the front extensions while softening the building edge.



ARCHITECTS
DE METZ FORBES KNIGHT

SURREY HILL RED MULTI

ECOSTOCK BRICK

Texture
Creased

TAME VALLEY RED MIXTURE

BUTTERLEY BRICK

Texture
Indented

TEVIOT RED

BUTTERLEY BRICK

Texture
Indented

TUDOR

THE ORIGINAL LONDON BRICK

Texture
Indented

65 & 73mm

TWEED RED BLEND

BUTTERLEY BRICK

Texture
Sandfaced

VICTORIAN MIXTURE

BUTTERLEY BRICK

Texture
Dragfaced

VICTORIAN MIXTURE

VILLAGE RUSSET RED MIXTURE

BUTTERLEY BRICK

Texture
Indented

VILLAGE SUNGLOW

BUTTERLEY BRICK

Texture
Indented

WENTWORTH MIXTURE

BUTTERLEY BRICK

Texture
Dragfaced

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WEST SUSSEX BLEND

ECOSTOCK BRICK

Texture
Creased

WESTCROFT RED MULTI

ECOSTOCK BRICK

Texture
Creased

WINDSOR

THE ORIGINAL LONDON BRICK

Texture
Indented

CASE STUDY

BURLINGTON HOUSE

Burlington House is a residential development of 91 one, two and three-bedroomed apartments. It sits within the Piccadilly Basin Masterplan designed to transform derelict buildings and post-industrial land into a vibrant and successful part of Manchester's city centre.

The irregularly-shaped site sits adjacent to the Grade II listed Jackson's Warehouse, the Rochdale Canal, and other heritage buildings, so it was important that the development be sensitive to its context. Designed in consultation with English Heritage, the building's architecture has moved away from the static rectilinear forms of traditional residential blocks towards a more dynamic structure.

Its outward appearance is that of a carved block, hewn from a solid material. This is achieved through the use of Forterra's Yorkshire Red Blend light textured bricks. Its colour echoes the rich pinks, reds, oranges and brown tones of the historic warehouses and built environment.

ARCHITECTS
SIMPSON HAUGH

Yorkshire Red Blend's colour echoes the rich pinks, reds, oranges and brown tones of the historic warehouses and built environment.

RED BRICKS

WOODSIDE MIXTURE

BUTTERLEY BRICK

Texture
Indented

WOODSTOCK BLEND RESERVE

BUTTERLEY BRICK

Texture
Rolled Back

WORCESTERSHIRE RED MULTI

BUTTERLEY BRICK

Texture
Indented

YORKSHIRE RED BLEND

BUTTERLEY BRICK

Texture
Sandfaced

INTRODUCING OUR WATERSTRUCK BRICK RANGE

A combination of timeless beauty and cutting edge production technology, the Shelton waterstruck adds an extra dimension to Forterra's Ecostock range of bricks, developed with the needs of architects and developers in mind.

The relatively smooth, sand-free texture of waterstruck bricks is a result of using water rather than sand to release these soft mud bricks from their moulds. The process of water striking the brick creates a lightly textured surface unlike that of any other brick.

Shelton waterstruck are manufactured using the latest technology in sustainability and production efficiency and meet the requirements of BES 6001 Responsible Sourcing certification.

ECOSTOCK BRICK

Texture
Waterstruck

ECOSTOCK BRICK

Texture
Waterstruck

ECOSTOCK BRICK

Texture
Waterstruck

ECOSTOCK BRICK

Texture
Waterstruck

BUFF BRICKS

BELGRAVIA GAULT BLEND

BUFF BRICKS

ECOSTOCK BRICK

Texture
Creased

BUTTERLEY BRICK

Texture
Rusticated

BUTTERLEY BRICK

Texture
Indented

ECOSTOCK BRICK

Texture
Creased

CUMBRIA BUFF RUSTIC

BUTTERLEY BRICK

Texture
Dragfaced

HARBOROUGH BUFF MULTI

BUTTERLEY BRICK

Texture
Indented

HEREWARD LIGHT

THE ORIGINAL LONDON BRICK

Texture
Sandfaced

HONEY BUFF

THE ORIGINAL LONDON BRICK

Texture
Indented

INGLEBOROUGH BUFF MULTI

BUTTERLEY BRICK

Texture
Dragfaced

KENSINGTON CREAM

ECOSTOCK BRICK

Texture
Creased

LEICESTERSHIRE RUSSET MIXTURE

BUTTERLEY BRICK

Texture
Indented

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MILTON BUFF

THE ORIGINAL LONDON BRICK

Texture
Indented

NENE VALLEY STONE

THE ORIGINAL LONDON BRICK

Texture
Indented

OLD ENGLISH BUFF MULTI

BUTTERLEY BRICK

Texture
Rusticated

RUFFORD BUFF MULTI

BUTTERLEY BRICK

Texture
Smooth Sanded

BUFF BRICKS

CATHEDRAL CREAM

SHERWOOD BUFF MIXTURE

BUTTERLEY BRICK

Texture
Indented

CASE STUDY

PENNYWELL LIVING

This large urban regeneration project in Pennywell, Edinburgh, included 719 new dwellings over four different brownfield areas with existing communities between them, meaning that linkage with the existing communities is essential.

The homes are arranged around a central open space within an area characterised by low density housing.

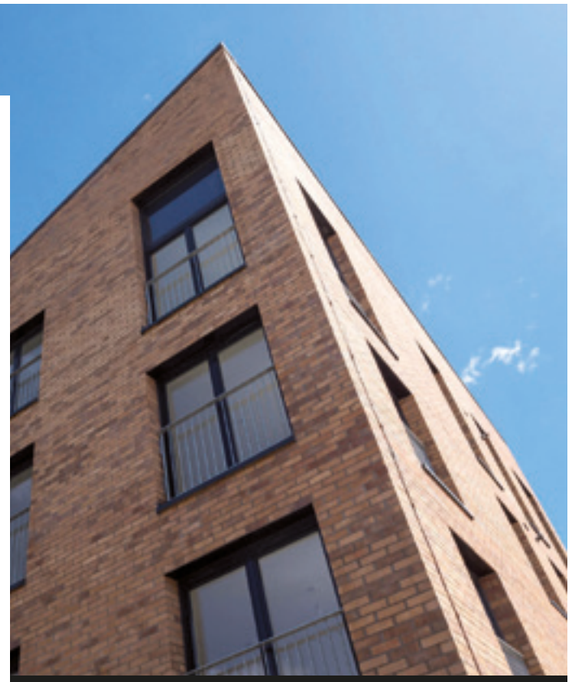
The predominant material in the overall development is brick - chosen for its durable, long-lasting qualities and ability to introduce consistency and identity. Zinc cladding, white brick and render, with key entrances defined by coloured blocks, also feature.

The design used a simple palette of materials and approach to detailing to bring a consistent and clear identity. The focus is on attractive, simple proportions, both in the form of the buildings and in the development of the elevations.

Two types of brick were proposed: one a red/brown multitone and the other a light brown/red multitone; to be used in conjunction with grey and dark grey roof tiles.

The architecture used throughout the development provides quality and variety. The buildings complement each other and create a distinct character and identity. The feature materials add to the rhythms and patterns in the elevations to create variety in the streetscape and mark key corners and frontages.

The extensive development is a result of an investment of £42 million by the City of Edinburgh Council and includes £7.9 million grant funding from the Scottish Government.



Village Harvest Multi was chosen for its durable, long-lasting qualities and ability to introduce consistency and identity.

ARCHITECTS
BARTON WILLMORE

BUFF BRICKS

SITTINGBOURNE BLEND

ECOSTOCK BRICK

Texture
Creased

VILLAGE GOLDEN THATCH

BUTTERLEY BRICK

Texture
Indented

VILLAGE HARVEST MULTI

BUTTERLEY BRICK

Texture
Indented

VILLAGE OATMEAL BUFF MULTI

BUTTERLEY BRICK

Texture
Indented

YELLOW BRICKS

YELLOW BRICKS

ARDLEIGH YELLOW STOCK

ECOSTOCK BRICK

Texture
Creased

ASHWELL YELLOW MULTI

BUTTERLEY BRICK

Texture
Indented

GOLDEN BUFF

THE ORIGINAL LONDON BRICK

Texture
Sandfaced

IRONSTONE

THE ORIGINAL LONDON BRICK

Texture
Indented

CASE STUDY

THE ELMS

The village of Ewerby sits within the heart of the Lincolnshire Fens, amidst a heavy farming community highlighted and punctuated by the local architecture.

Historically, Lincolnshire villages produced their own, indigenous facing bricks from brick pits, and most farm buildings and tied cottages within this community are constructed from Ewerby Yellow facing brick. Together with local Ancaster limestone and handcrafted clay pantiles, this forms the palette of materials that are considered indicative of the local vernacular architecture. As such, careful consideration needed to be given to the choice of materials used in building The Elms.

Combining existing detailing and colourings gave architects D.B. Lawrence Associates a strong initial concept for their first stage design process. Sourcing bricks and materials that blend with their surroundings can be challenging, but they were successful in achieving this for The Elms.

A yellow stock brick sourced from Forterra was an important part of the concept. The brick was used alongside the use of local Lincolnshire limestone quarried seven miles away at Ancaster. Handmade clay pantiles were sourced to match existing roof tiles.

The brickwork was constructed in English Bond to achieve the desired aesthetic and reflect the existing surrounding outbuildings. Complementary stone quoins, cills and heads together with dog-tooth oversailing courses to the eaves and verges were also used.

The overall intention of the dwelling is to replicate a barn, and careful thought and detailing to the large openings have helped to create the desired effect.

Ardleigh Yellow Stock Brick was specified due to it being a high quality facing brick that would blend in with the surrounding architecture.

ARCHITECTS
D.B. LAWRENCE ASSOCIATES

YELLOW BRICKS

LONGVILLE STONE

THE ORIGINAL LONDON BRICK

Texture
Indented

OLD ENGLISH MIXTURE RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

SAXON GOLD

THE ORIGINAL LONDON BRICK

Texture
Indented

ORDER YOUR BRICK SAMPLES

0330 123 1017

BROWN BRICKS

BROWN BRICKS

BUTTERLEY BRICK

Texture
Rusticated

BUTTERLEY BRICK

Texture
Rusticated

65 & 73mm

BUTTERLEY BRICK

Texture
Smooth

65 & 73mm

BUTTERLEY BRICK

Texture
Sandfaced

65 & 73mm

GOLDEN BROWN SANDFACED

BUTTERLEY BRICK

Texture
Sandfaced

65 & 73mm

MIXED BROWN BRINDLE RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

65 & 73mm

OCHRE BROWN

BUTTERLEY BRICK

Texture
Indented

OLD ENGLISH RUSSET

BUTTERLEY BRICK

Texture
Indented

VILLAGE HONEY GOLD

BUTTERLEY BRICK

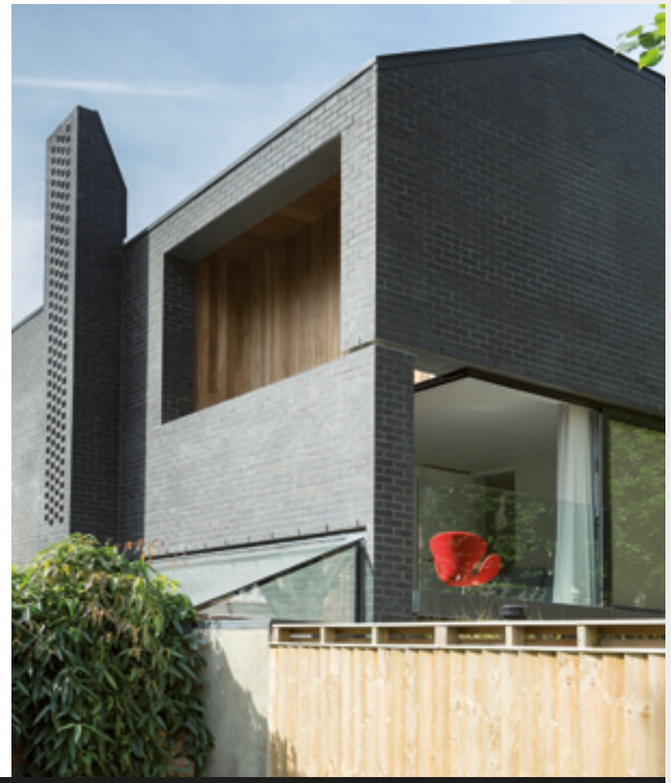
Texture
Indented

CASE STUDY

BRINKWORTH

Commissioned in north London, this new-build project within a conservation area needed to be discrete and respectful to fit in with the surrounding environment.

Forterra's Dark Moroccan Smooth Butterley brick was used to adhere to the necessary requirements along with a pitched roof and flush and square bay windows. The post-modernist build respects the immediate environment with regard to both material and form.



ARCHITECTS
BRINKWORTH

This build was shortlisted for a BDA Brick Award in the Individual Housing Development category.

BLUE, BLACK & GREY BRICKS

BLUE BRICKS

BLUE RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

65 & 73mm

BLUE SMOOTH

BUTTERLEY BRICK

Texture
Smooth

65 & 73mm

BLACK BRICKS

CARBON BLACK RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

BLACK BRICKS

BUTTERLEY BRICK

Texture
Smooth

THE ORIGINAL LONDON BRICK

Texture
Indented

ORDER YOUR BRICK SAMPLES

0330 123 1017


CARBON BLACK SMOOTH

GREY BRICKS

ECOSTOCK BRICK

Texture
Creased

THE ORIGINAL LONDON BRICK

Texture
Indented

CHATSWORTH GREY RUSTIC

BUTTERLEY BRICK

Texture
Rusticated

COTSWOLD

THE ORIGINAL LONDON BRICK

Texture
Indented

DAPPLE LIGHT

THE ORIGINAL LONDON BRICK

Texture
Sandfaced

DUNEDIN GREY STOCK

ECOSTOCK BRICK

Texture
Creased

GRANITE ASH

BUTTERLEY BRICK

Texture
Indented

GREYFRIARS GAULT BLEND

ECOSTOCK BRICK

Texture
Creased

MILTON HALL DARK BLEND

ECOSTOCK BRICK

Texture
Creased

MILTON HALL LIGHT BLEND

ECOSTOCK BRICK

Texture
Creased

BESPOKE BLENDS SERVICE

COUNTY RED SMOOTH AND
DARK MULTI SMOOTH BLEND

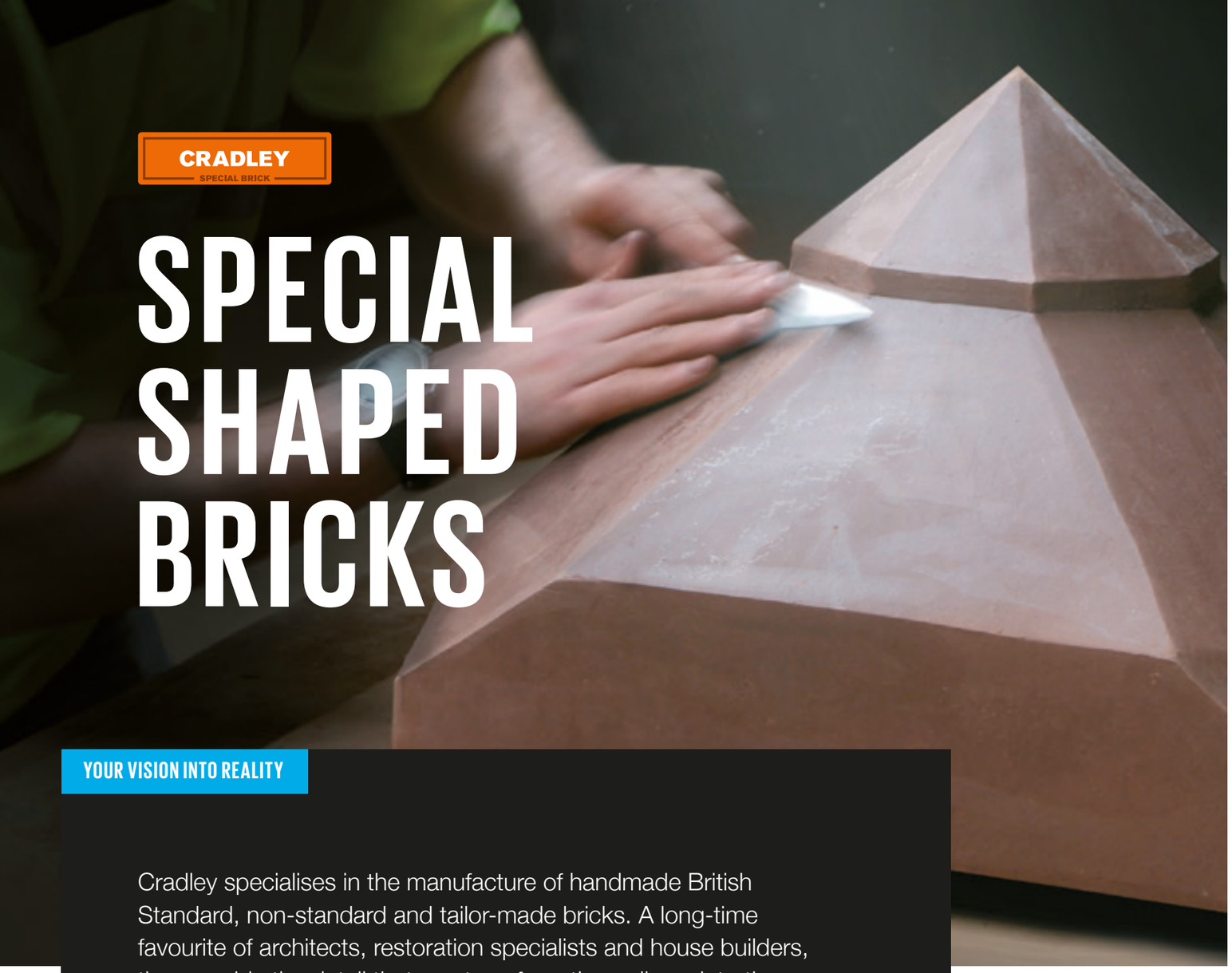
CREATE YOUR OWN

Forterra's blended brick service allows you to create your own bespoke combination of brick colours and textures from our Butterley, Ecostock and London Brick ranges.

Blending brick colours and textures is an effective method of achieving a bespoke aesthetic that satisfies architects and planners. Bricks can be blended to produce an even distribution of colour or texture across the whole facing brick façade, or to create intricate brick patterns typical of the Victorian era.

FOR TIPS ON BRICK BLENDING

SEE PAGE 75



CRADLEY
SPECIAL BRICK

SPECIAL SHAPED BRICKS

YOUR VISION INTO REALITY

Cradley specialises in the manufacture of handmade British Standard, non-standard and tailor-made bricks. A long-time favourite of architects, restoration specialists and house builders, they provide the detail that can transform the ordinary into the extraordinary and, occasionally, the award winning.

Cradley can produce non-standard and bespoke brick specials to almost any design, shape and in a variety of different sizes to create unique brickwork features and detailing.

The Cradley Special Brick team create products for heritage restoration projects alongside those for renovations, extensions and modern builds, whether it's producing a large run of British Standard bricks or carefully crafting a bespoke special.

Whatever the complexity, scope or scale of your project, the team will work with you to find the best solution for your timescale, budget and, of course, aesthetic requirements – whether you need one or 100,000 special shaped bricks.

BRITISH STANDARD SPECIAL SHAPED BRICKS

AN.1 SQUINT
(left or right hand)

Red Buff Black

AN.5 SINGLE CANT
(left or right hand)

Red Buff Black

AN.6 DOUBLE CANT

Red Buff Black

AN.12 DOUBLE CANT STOP END

Red Buff Black

BN.1 SINGLE BULLNOSE
(left or right hand)

Red Buff Black

BN.2 DOUBLE BULLNOSE

Red Buff Black

BN.5 SINGLE BULLNOSE HEADER ON FLAT

Red Buff Black

BN.19 EXTERNAL RETURN TO DOUBLE BULLNOSE ON EDGE AND TO BULLNOSE DOUBLE HEADER ON FLAT

Red Buff Black

PL.2 PLINTH HEADER
(left or right hand)

Red Buff Black

PL.3 PLINTH STRETCHER

Red Buff Black

PL.4 PLINTH INTERNAL RETURN - LONG
(left or right hand)

Red Buff Black

PL.7 PLINTH EXTERNAL
(left or right hand)

Red Buff Black

THE INTERLOCK

Located in London's Fitzrovia – where Riding House Street opens to Wells Street – sits The Interlock, a new five-storey mixed-use building designed by Bureau de Change architects for developer HGG London, a company established to commission design-driven innovative architecture.

Riding House Street hosts an extraordinary breadth of architectural styles. From John Nash's All Souls church at its most easterly point, the street skips haphazardly from 19th Century terraces to post war commercial buildings; concrete slab structures and 20th Century apartment blocks. The street's piecemeal aesthetic is unified by the use of brickwork which serves as the façade material of choice, at times so abundant that it forms the road surface.

Abandoning the traditional dimensions of London brick, a collection of 44 misshapen and seemingly un-stackable clay blocks were developed.

The patterns visible across the surface are informed, in part, by the interactions between materials and structure. The bricks appear to lap up against glazing, swell and bow between floors and are inset frame-like to denote the building's perimeter. For passers-by, the bricks appear to morph and twist like cogs. By modelling the facade in 3D, each facet could be individually adjusted to meet structural and fabrication requirements without diluting the integrity of the surface form.

Staffordshire Blue Clay was selected as a contrast to the areas existing brickwork. The marl clay was set into 14 hand-crafted steel moulds and fired in oxidation to create the matt blue finish. After firing, these 14 'parent' bricks were divided to form the 30 'offspring'. Construction of the 5,000 block landscape took place over three months. The fabrication team used 1:1 printed templates that set out the number, typology and location of each brick. When collated on site, these 188 templates appeared like a construction manuscript, with each brick a different note to lay.

Co-founder and Director of Bureau de Change Billy Mavropoulos explained: "We worked iteratively with the team at Forterra – adapting and reviewing the bricks in 3D. We were walking the line of what would be technically possible, but through this process, found a point that was both buildable and produced the richness and movement we were trying to achieve."

We worked iteratively with the team at Forterra - adapting and reviewing the bricks in 3D.

ARCHITECTS
BUREAU DE CHANGE ARCHITECTS

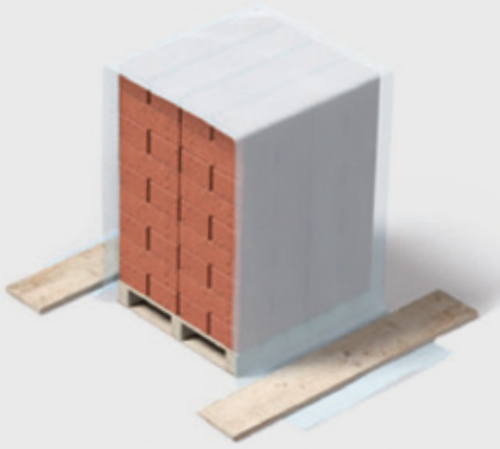
TECHNICAL & DESIGN CONTENT

PROFESSIONAL TIPS FOR BETTER BRICKWORK

Make life easier with these simple tips which can save you time and money on your build.

BRICK STORAGE

Bricks should be stored on a level, free-draining surface that is protected from the elements. Packs should be protected from inclement weather (rain and frost) using re-usable tarpaulin or similar over the top of the consignment.

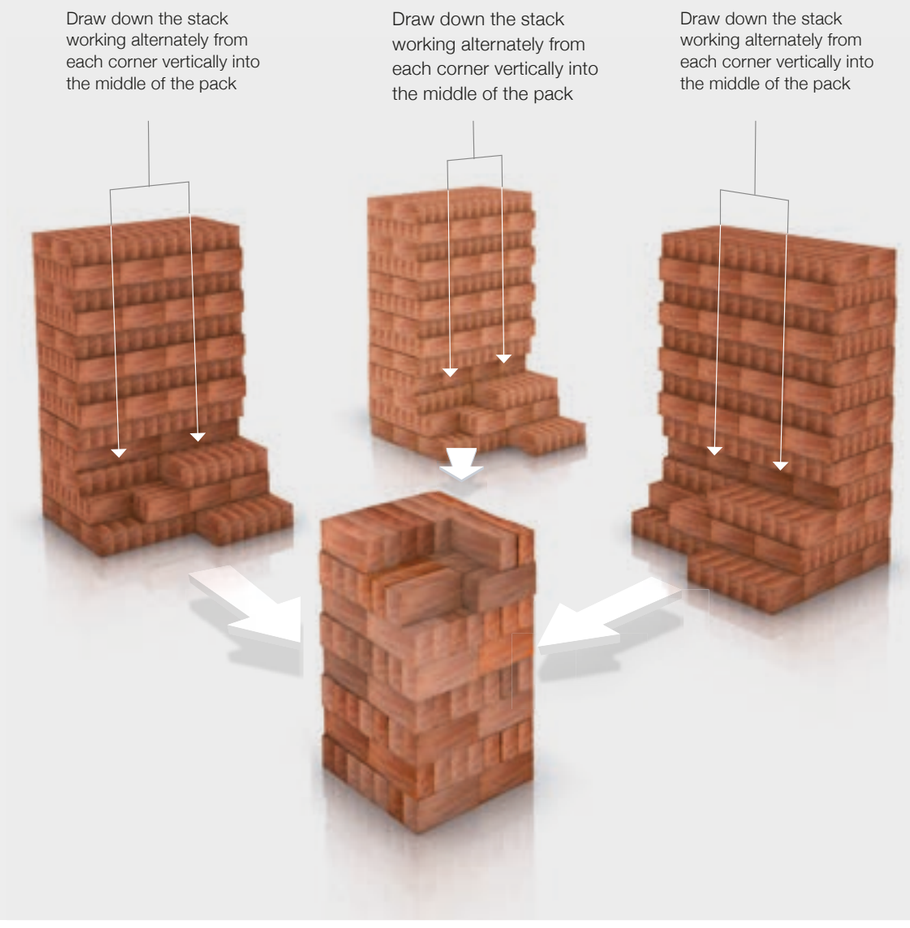


PROTECTION OF NEWLY BUILT BRICKWORK

When work stops or is interrupted by inclement weather conditions, brickwork should be protected immediately with waterproof sheeting held in place with a suitable fixing. If new brickwork is not protected, lime stains, efflorescence and patchy mortar colour can occur. It should also be noted that the laying of brickwork should be discontinued when the temperature falls below 3°C or when frost is imminent.

BLENDING BRICKS

Bricks should be loaded-out from a minimum of 3 packs and overlapped between deliveries, where possible. It is advisable to draw from the packs in vertical rather than horizontal slices. Doing this helps avoid colour patchiness or banding in the brickwork.



DURABILITY RATINGS
CYCLIC FROST RESISTANCE

These declarations are important when considering the specifications of a brick in certain constructional positions.

Durability Recommendation
"F2/S2" brick due to regular saturation and exposure to cyclic frost in these building locations. Smooth faced, Class B Engineering bricks are sometimes preferred to reduce organic growths in these locations.

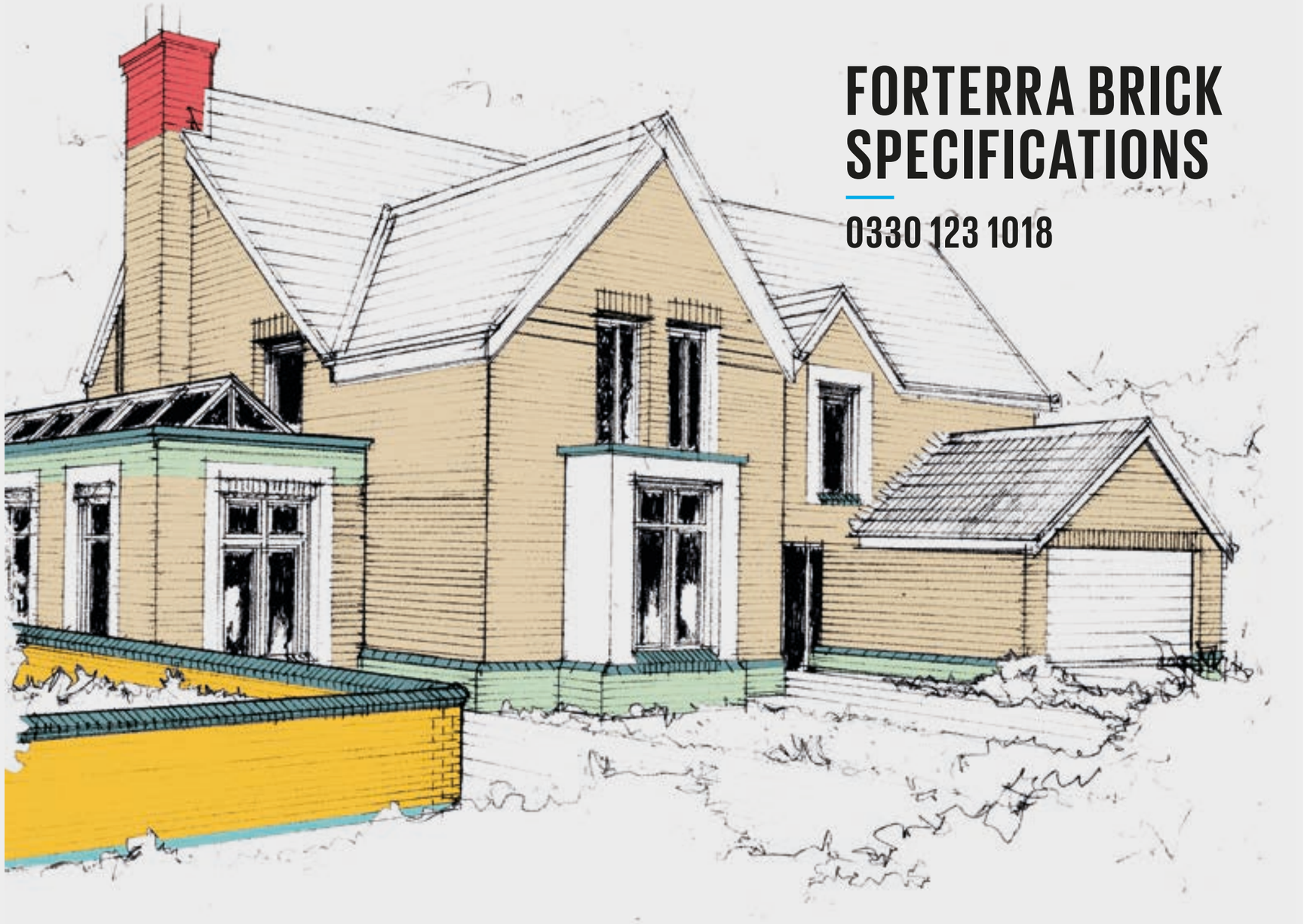
Durability Recommendation
Class B Engineering brick.

Durability Recommendation
"F1 or F2" brick subject to geographical and topographical exposure conditions (please refer to Forterra Technical Department for further advice).

Durability Recommendation
"F2/S2" brick with a water absorption =<7%, Forterra soft mud or Class B Engineering brick.

Durability Recommendation
"F2/S2" brick.

Durability Recommendation
Solid Class B Engineering brick.



FORTERRA BRICK SPECIFICATIONS

0330 123 1018

FROST PROTECTION

It is important to follow the below mentioned good building practice details when constructing walls and other vulnerable structures. Care should always be taken to observe relevant design details and current codes of practice.

FREESTANDING WALLS

Freestanding walls can be subjected to severe weather conditions. In order to minimise frost damage careful consideration must be paid to the following aspects of design:

Class B quality bricks should be used from foundation level to 150mm (minimum) above ground level (M12 mortar or 1 : ¼ : 3). this will also act as a rigid DPC.

The main body of the wall should be constructed in “F2/S2” quality facing bricks (M6 mortar or 1 : ½ : 4½).

All copings must be “F2/S2” with a water absorption =<7%, Forterra soft mud or Class B Engineering brick (M12 mortar or 1 : ¼:3)

We recommend that drip channels are introduced on all copings to shed rain clear of the wall face.

Drip channels should have sharp edges and be free from mortar or other obstruction.

Copings should overhang the wall face by at least 40mm.

“F1” quality bricks must not be used in any component of a freestanding wall.

Mortar joints are not impervious to moisture. This is resolved by using a high bond continuous damp proof membrane immediately below the copings, projecting at least 13mm beyond the mortar. A flexible DPC should be avoided at all times as this will reduce overall structural stability.

EARTH RETAINING WALLS

Where brickwork is in direct contact with retained earth, it is exposed to ground water which invariably contains salts.

To minimise the risk of effloresence on the exposed face of the wall, a waterproof barrier between the retained earth and the brickwork should be provided.

The waterproof barrier will also aid in the minimisation of frost damage and sulphate attack.

All other detailing should be in accordance with that stated for a freestanding wall.

Rendering of the wall is not recommended under any circumstances.

A cement rich M12 mortar (1 : ¼ : 3 cement : lime : sand or equivalent) should be used for cappings and copings on both freestanding and retaining walls.

FROST ATTACK

In extreme conditions even frost resistant F2 bricks have been known to fail. Where there is a likelihood of long term saturation during cyclic frost conditions, it is advisable to choose a brick of high strength and low water absorption as an added precaution.

BRICK DESIGN CONSIDERATIONS

BRICK BOND PATTERNS

The purpose of bonding is to make brickwork uniform in structure and composition and to maximise its strength, durability and visual appeal. Here are five of the most popular bonding patterns used in the UK.

Stretcher Bond

Stack Bond

English Bond

Flemish Bond

Header Bond

TALK TO OUR TECHNICAL TEAM

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MORTAR COLOURS

Mortar colour can have a significant impact on the look of a building as mortar typically represents around 17% of the total visible brickwork area. When choosing mortar colours it may be advisable to construct sample panels on site.

MORTAR JOINT PROFILES

The purpose of finishing joints is to improve the rain resistance and visual appeal of the wall by compacting the surface of the mortar and pressing it into contact with the bricks. Below are five mortar joint profiles commonly used in the UK.

Recessed*

Mortar is raked out to leave the edge of the brickwork exposed, picking out individual bricks, creating a shadow effect.

Weathered Struck

The inset edge of the joint should be around 2mm and the forward edge should finish on the edge of the brick.

Weathered Struck & Cut

The inset edge of the joint should be around 2mm and the forward edge should project around 2mm beyond the brick surface.

Bucket Handle

The mortar is ‘tooled’ to leave a concave, rounded joint.

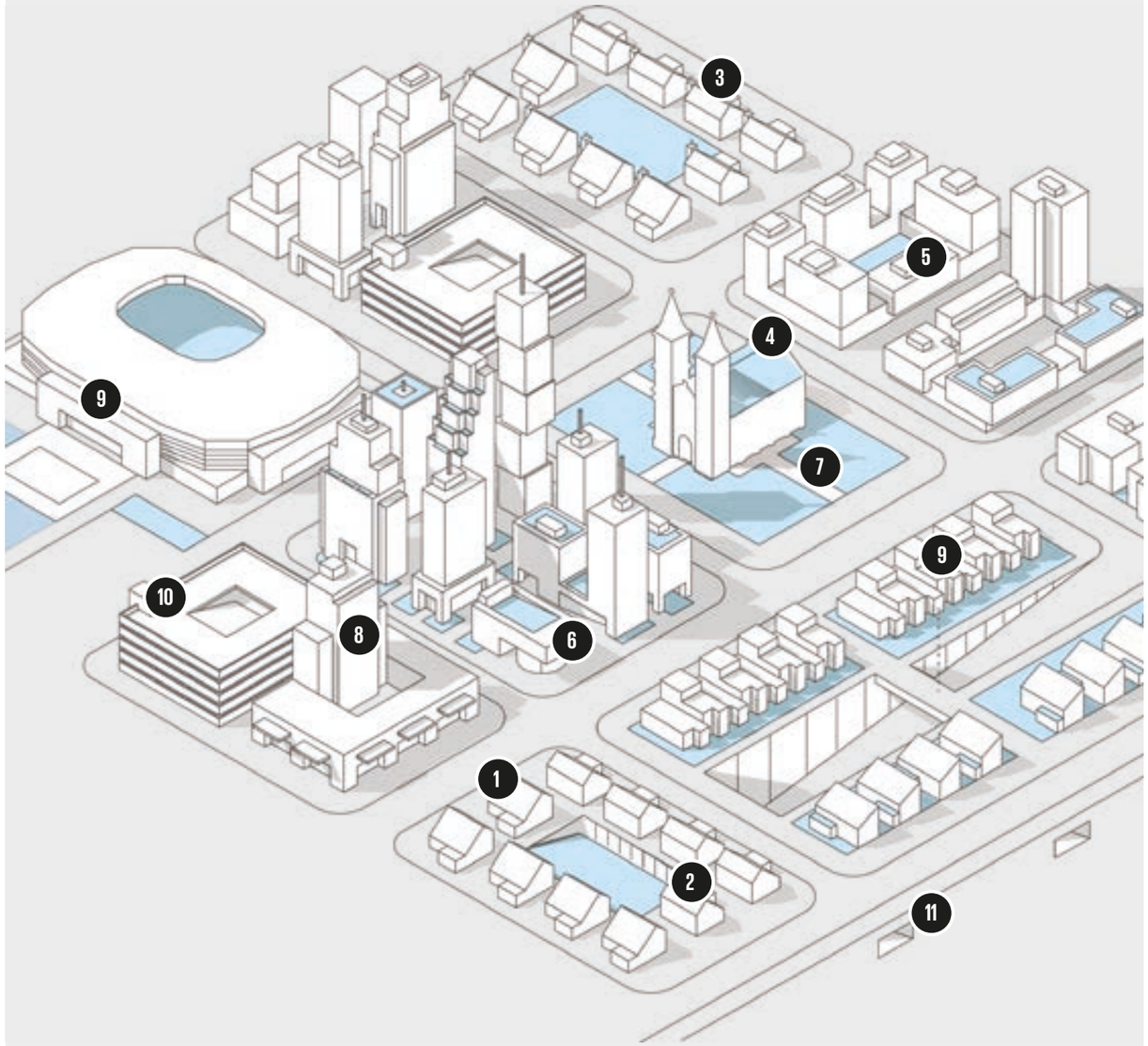
Flush

The edge is finished flush with the brickwork surface.

*Recessed joints are not recommended - where recessed joints are specified, please contact the technical department for further guidance.

THE COMPLETE FORTERRA RANGE

Our extensive product range covers all your construction requirements, from initial ground work through to finished build.



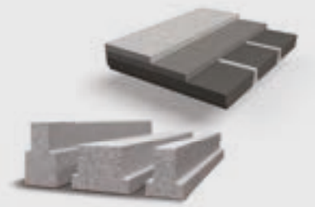
1. BRICKS & BLOCKS

LONDON BRICK
ECOSTOCK
BUTTERLEY

THERMALITE
CONBLOC

2. PRECAST CONCRETE

JETFLOOR
BEAM & BLOCK



3. CHIMNEY & FLUE SYSTEMS

RED BANK

4. RIDGE TILES & FINIALS

RED BANK

5. AIR BRICKS & CAVITY WALL BRIDGING DUCTS

RED BANK

6. SPECIAL SHAPED BRICKS

CRADLEY

7. PERMEABLE PAVING SYSTEMS

FORMPAVE

8. WALLING & CLADDING SYSTEMS

SUREBRICK

9. PRECAST CONCRETE

HOLLOWCORE

10. PRECAST CONCRETE

STAIRS AND LANDINGS

11. PRECAST CONCRETE

BOX CULVERTS

TALK TO OUR SPECIALISTS

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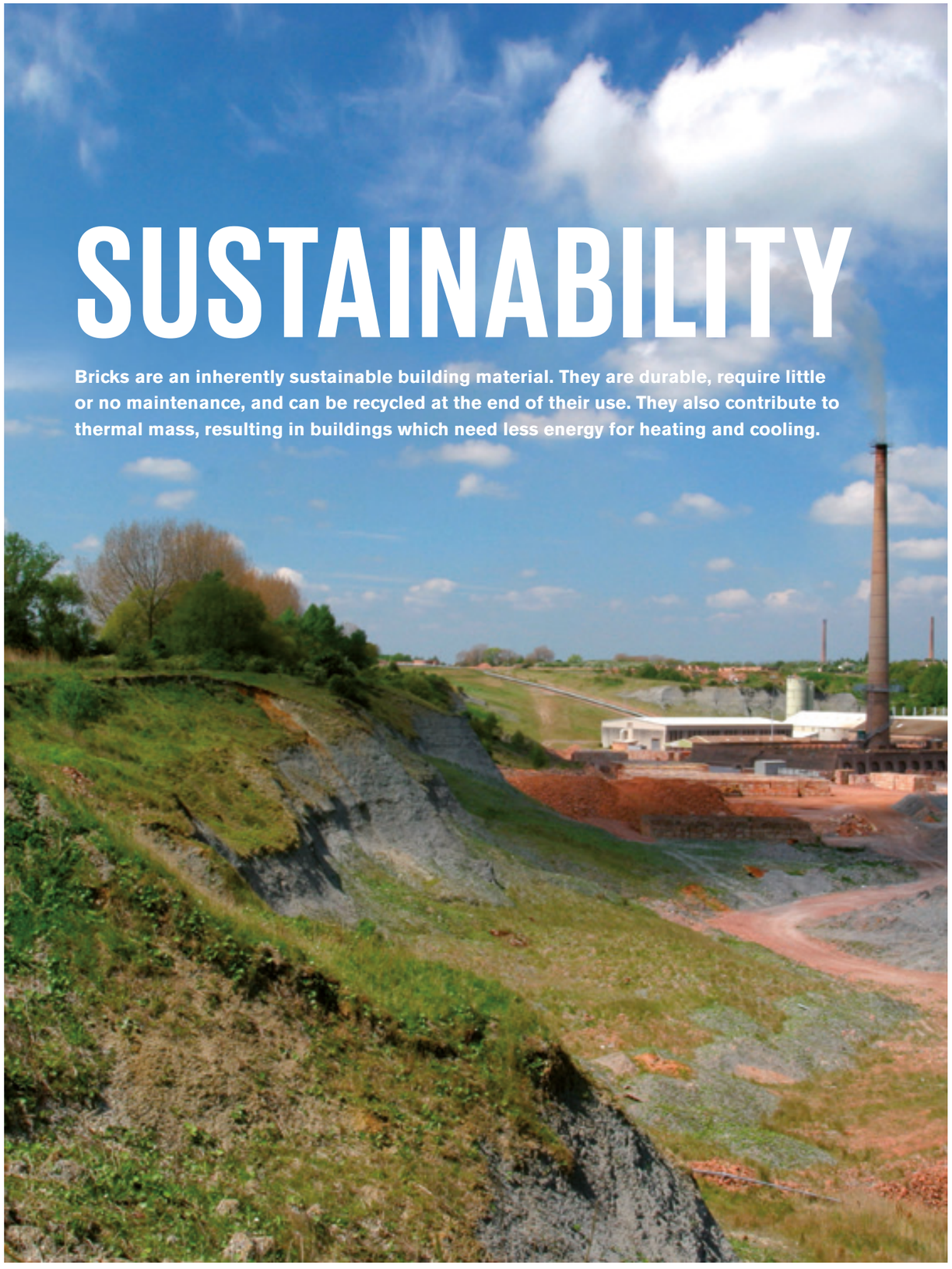

SUSTAINABILITY

Bricks are an inherently sustainable building material. They are durable, require little or no maintenance, and can be recycled at the end of their use. They also contribute to thermal mass, resulting in buildings which need less energy for heating and cooling.

THE CLAY BRICK: INHERENTLY SUSTAINABLE

The history of the clay brick can be traced back for centuries, its versatility and longevity proven through countless historic buildings that are centuries old. Development of new technologies and improvements in efficiency have significantly reduced the energy intensity required during manufacture.

Typical buildings constructed from clay brick have lifetimes exceeding 150 years, the streets of the UK are lined with homes constructed in Victorian times. These robustly built homes are now highly sought after due to their well-proportioned interiors, and typically larger than average outside spaces. The clay brick construction alongside the availability of outside space has allowed extension and structural adaption of these buildings to modify and modernise them as needs have changed. The timeless beauty and longevity of these buildings is a continuous advert for clay brick construction, however, times do change and on occasion brick buildings reach the end of their useful life and are demolished. The bricks themselves can be reclaimed and reused if in good condition, or alternatively be crushed and fed back into construction activity as an alternative raw material.

Our latest factories are significantly less carbon intensive than previous generation facilities, however, the carbon intensity of clay brick manufacture remains significant, due to kilns that are fired by natural gas and the carbon released from the clay during the firing process.

When considering the longevity of a clay brick building, the full lifecycle impact of the embodied carbon is incredibly low, alongside this, brick structures require little to no maintenance through their lives, whilst other comparable materials may require additional applications of protective coatings or surface treatments to enhance their lifetime.

As our climate changes, with more extremes of temperature, clay brick is well placed to construct buildings suitable for such a changing environment. The thermal mass properties of clay bricks naturally absorb heat, creating a heat buffer and helping prevent the inside of buildings overheating during the summer. During the colder months, bricks store heat through sunny days and slowly release this back as the temperature falls, helping to warm the building.

Brick sustainability

- Little or no maintenance required in use
- Contributes to thermal mass
- Provides heat and noise insulation
- Excellent fire resistance
- Allows the flexibility for buildings to be altered for re-use
- Recyclable
- A natural and traditional building material with pleasing aesthetic qualities
- A+ rating in the BRE Green Guide Forterra brick sustainability
- All bricks are certified as 'very good' under BES 6001 - Responsible

Sourcing of materials

- All bricks are manufactured in accordance with ISO 14001 - Environmental Management System
- A significant number of Forterra bricks include recycled content
- Locally sourced raw materials
- Strict waste minimisation schemes

TO FIND OUT MORE ABOUT HOW FORTERRA EMBEDS SUSTAINABILITY THROUGHOUT ITS BUSINESS IN THE UK VISIT OUR WEBSITE.

forterra.co.uk

Brick name	Page	Size (mm)	Colour	Manufacture	Texture	Factory	Configuration	Dimensional tolerance mean	Dimensional tolerance range	Dry weight per brick (kg)	Durability rating	Active soluble salts	Water absorption (%)	Comp. strength (N/mm^2)	Pack size
Abbey Blend	P9	215 x 102.5 x 65	Red	W	RB	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Abbey Red Multi	P9	215 x 102.5 x 65	Red	W	RB	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Abbey Weathered	P9	215 x 102.5 x 65	Red	W	DF	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Arden Special Reserve	P9	215 x 102.5 x 65	Red	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	2	F2	S2	14	40	500
Ardleigh Yellow Stock	P53	215 x 102.5 x 65	Yellow	TH	C	Mea	Frogged 2-12% Voids	T2	R1	2.36	F2	S2	13	30	495
Arundel Mix	P10	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Ashwell Yellow Multi	P53	215 x 102.5 x 65	Yellow	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.15	F2	S2	15	30	495
Atherstone Red	P10	215 x 102.5 x 65	Red	P	SS	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Atherstone Red Multi	P10	215 x 102.5 x 65	Red	P	SS	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Autumn Glow	P10	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Autumn Glow Multi Stock	P11	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Aviemore Grey Blend	P63	215 x 102.5 x 65	Grey	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.1	F2	S2	21	20	495
Belgravia Gault Blend	P45	215 x 102.5 x 65	Buff	TH	C	Mea	Frogged 2-12% Voids	T2	R1	2.36	F2	S2	13	30	495
Blue Rustic	P61	215 x 102.5 x 65	Blue	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.5	F2	S2	7	75	448
Blue Rustic 73mm	P61	215 x 102.5 x 73	Blue	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.8	F2	S2	7	75	384
Blue Smooth	P61	215 x 102.5 x 65	Blue	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	448
Blue Smooth 73mm	P61	215 x 102.5 x 73	Blue	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.8	F2	S2	7	75	384
Boxhill Meld	P12	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Braemar Buff Rustic	P45	215 x 102.5 x 65	Buff	W	RU	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Brecken Grey (London Brick)	P63	215 x 102.5 x 65	Grey	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Breckland Multi Reserve	P12	215 x 102.5 x 65	Red	W	RB	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.4	F2	S2	7	75	504
Brindle (London Brick)	P62	215 x 102.5 x 65	Black	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Brown Rustic	P57	215 x 102.5 x 65	Brown	W	RU	Kirt	Vertically Perforated 11-16% Voids	T2	R1	2.15	F1	S2	19	20	495
Burghley Red Rustic	P12	215 x 102.5 x 65	Red	W	RU	Kirt	Vertically Perforated 11-21% Voids	T2	R1	2.15	F1	S2	17	25	495
Burwell Buff	P45	215 x 102.5 x 65	Buff	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	1.9	F2	S2	20	30	500
Canterbury Multi Stock	P12	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Carbon Black Rustic	P61	215 x 102.5 x 65	Black	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Carbon Black Smooth	P62	215 x 102.5 x 65	Black	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Cathedral Cream	P45	215 x 102.5 x 65	Buff	TH	C	Mea	Frogged 2-12% Voids	T2	R1	2.36	F2	S2	13	30	495
Caton Russet Mixture	P13	215 x 102.5 x 65	Red	W	IT	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Chatsworth Grey Rustic	P64	215 x 102.5 x 65	Grey	W	RU	Kirt	Vertically Perforated 11-16% Voids	T2	R1	1.95	F1	S2	26	20	495
Chatsworth Multi	P15	215 x 102.5 x 65	Red	W	RB	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Chelsea Smoked Red	P15	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Chertsey Antique Blend	P15	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Cheshire Red Multi	P15	215 x 102.5 x 65	Red	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	2	F2	S2	14	40	500
Chidwell Multi	P16	215 x 102.5 x 65	Red	W	IT	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Chiltern (London Brick)	P17	215 x 102.5 x 65	Red	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Claydon Red Multi (London Brick)	P17	215 x 102.5 x 65	Red	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Clockhouse Mixture	P17	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Clumber Red	P17	215 x 102.5 x 65	Red	W	SS	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Clumber Red Mixture	P18	215 x 102.5 x 65	Red	W	SS	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	17	30	495
Cotswold (London Brick)	P64	215 x 102.5 x 65	Grey	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
County Multi Dragfaced	P18	215 x 102.5 x 65	Red	W	DF	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
County Multi Dragfaced 73mm	P18	215 x 102.5 x 73	Red	W	DF	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.8	F2	S2	7	75	464
County Multi Rustic	P18	215 x 102.5 x 65	Red	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.5	F2	S2	7	75	504
County Multi Rustic 73mm	P18	215 x 102.5 x 73	Red	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.8	F2	S2	7	75	464
County Multi Smooth	P18	215 x 102.5 x 65	Red	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
County Multi Smooth 73mm	P18	215 x 102.5 x 73	Red	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.8	F2	S2	7	75	464
County Red Dragfaced	P19	215 x 102.5 x 65	Red	W	DF	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
County Red Dragfaced 73mm	P19	215 x 102.5 x 73	Red	W	DF	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.8	F2	S2	7	75	464
County Red Rustic	P19	215 x 102.5 x 65	Red	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.5	F2	S2	7	75	504
County Red Rustic 73mm	P19	215 x 102.5 x 73	Red	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.8	F2	S2	7	75	464
County Red Smooth	P19	215 x 102.5 x 65	Red	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
County Red Smooth 73mm	P19	215 x 102.5 x 73	Red	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.8	F2	S2	7	75	384
Cumbria Buff Rustic	P46	215 x 102.5 x 65	Buff	W	DF	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Dapple Light (London Brick)	P64	215 x 102.5 x 65	Grey	P	SF	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Dark Moroccan Rustic	P57	215 x 102.5 x 65	Brown	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Dark Moroccan Rustic 73mm	P57	215 x 102.5 x 73	Brown	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.8	F2	S2	7	75	384
Dark Moroccan Smooth	P57	215 x 102.5 x 65	Brown	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Dark Moroccan Smooth 73mm	P57	215 x 102.5 x 73	Brown	W	SM	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.8	F2	S2	7	75	384
Dark Multi Rustic	P20	215 x 102.5 x 65	Red	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Dark Multi Rustic 73mm	P20	215 x 102.5 x 73	Red	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.8	F2	S2	7	75	464
Dark Multi Smooth	P20	215 x 102.5 x 65	Red	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Dark Multi Smooth 73mm	P20	215 x 102.5 x 73	Red	W	SM	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.8	F2	S2	7	75	464
Dark Tame Valley	P20	215 x 102.5 x 65	Red	W	DF	Wiln	Vertically Perforated 23-28% Voids	T2	R1	2.5	F2	S2	7	75	504
Dunedin Grey Stock	P64	215 x 102.5 x 65	Grey	TH	C	Mea	Frogged 2-12% Voids	T2	R1	2.1	F2	S2	21	20	495
Edwardian Dragfaced	P20	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	14	35	495
Farmhouse Brown Sandfaced	P57	215 x 102.5 x 65	Brown	W	SF	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Farmhouse Brown Sandfaced 73mm	P57	215 x 102.5 x 73	Brown	W	SF	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.8	F2	S2	7	75	464
Farmstead Antique	P21	215 x 102.5 x 65	Red	W	IT	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Fulwood Multi	P21	215 x 102.5 x 65	Red	W	IT	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Georgian (London Brick)	P23	215 x 102.5 x 65	Red	P	SF	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Golden Brown Sandfaced	P58	215 x 102.5 x 65	Brown	W	SF	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Golden Brown Sandfaced 73mm	P58	215 x 102.5 x 73	Brown	W	SF	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.8	F2	S2	7	75	464
Golden Buff (London Brick)	P53	215 x 102.5 x 65	Yellow	P	SF	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Granite Ash	P65	215 x 102.5 x 65	Grey	W	IT	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Greyfriars Gault Blend	P65	215 x 102.5 x 65	Grey	TH	C	Mea	Frogged 2-12% Voids	T2	R1	2.1	F2	S2	21	20	495
Hampton Rural Blend	P23	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Harborough Buff Multi	P46	215 x 102.5 x 65	Buff	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	1.9	F2	S2	20	30	500
Harthill Red	P23	215 x 102.5 x 65	Red	W	DF	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504

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T1 (+/- 6mm, Length) the mean of 10 bricks falls between 209mm up to 221mm.
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F1 - suitable for moderate exposure.
F2 - suitable for severe exposure.
S2 - low active soluble salt content.

Brick name	Page	Size (mm)	Colour	Manufacture	Texture	Factory	Configuration	Dimensional tolerance mean	Dimensional tolerance range	Dry weight per brick (kg)	Durability rating	Active soluble salts	Water absorption (%)	Comp. strength (N/mm^2)	Pack size
Heather (London Brick)	P24	215 x 102.5 x 65	Red	P	SF	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Heather (London Brick) 73mm	P24	215 x 102.5 x 73	Red	P	SF	King	Frogged 13-18% Voids	T1	R1	2.3	F1	S2	23	25	360
Heather Multi	P24	215 x 102.5 x 65	Red	W	SF	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.4	F2	S2	7	75	504
Hereward Light (London Brick)	P46	215 x 102.5 x 65	Buff	P	SF	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Honey Buff (London Brick)	P46	215 x 102.5 x 65	Buff	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Ironstone (London Brick)	P53	215 x 102.5 x 65	Yellow	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Ingleborough Buff Multi	P47	215 x 102.5 x 65	Buff	W	DF	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Kensington Cream	P47	215 x 102.5 x 65	Buff	TH	C	Mea	Frogged 2-12% Voids	T2	R1	2.36	F2	S2	13	30	495
Kimbolton Red Multi	P24	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Kirton Arden Red	P24	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Laggan Mixture	P25	215 x 102.5 x 65	Red	W	DF	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Langwith Red Rustic	P26	215 x 102.5 x 65	Red	W	RU	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Leicestershire Russet Mixture	P47	215 x 102.5 x 65	Buff	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	1.9	F2	S2	20	30	500
Lindum Cottage Red Multi	P26	215 x 102.5 x 65	Red	W	SS	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	14	35	495
Longville Stone (London Brick)	P55	215 x 102.5 x 65	Yellow	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Mandarin Mixture	P26	215 x 102.5 x 65	Red	W	DF	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Meadow Red	P26	215 x 102.5 x 65	Red	W	IT	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Medway Blend	P27	215 x 102.5 x 65	Red	TH	SS	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Medway Orange	P27	215 x 102.5 x 65	Red	TH	SS	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Milton Buff (London Brick)	P48	215 x 102.5 x 65	Buff	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Milton Hall Dark Blend	P65	215 x 102.5 x 65	Grey/Buff	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.1	F2	S2	21	20	495
Milton Hall Light Blend	P65	215 x 102.5 x 65	Grey/Buff	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.1	F2	S2	21	20	495
Mixed Brown Brindle Rustic	P59	215 x 102.5 x 65	Brown	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Mixed Brown Brindle Rustic 73mm	P59	215 x 102.5 x 73	Brown	W	RU	Wiln	Vertically Perforated 20-25% Voids	T2	R1	2.8	F2	S2	7	75	384
Moray Red Mixture	P27	215 x 102.5 x 65	Red	W	RU	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Nene Valley Stone (London Brick)	P48	215 x 102.5 x 65	Buff	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Nottingham Red Rustic	P28	215 x 102.5 x 65	Red	W	RU	Kirt	Vertically Perforated 11-21% Voids	T2	R1	2.15	F1	S2	17	25	495
Oakthorpe Red Multi Stock	P29	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Oakthorpe Red Stock	P29	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Ochre Brown	P59	215 x 102.5 x 65	Brown	W	IT	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Old English Brindle Red	P29	215 x 102.5 x 65	Red	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	2	F2	S2	14	40	500
Old English Buff Multi	P48	215 x 102.5 x 65	Buff	W	RU	Des	Vertically Perforated 18-25% Voids	T2	R1	1.9	F2	S2	20	30	500
Old English Mixture Rustic	P55	215 x 102.5 x 65	Yellow	W	RU	Kirt	Vertically Perforated 11-16% Voids	T2	R1	2.15	F1	S2	19	20	495
Old English Rose Rustic	P29	215 x 102.5 x 65	Red	W	RU	Kirt	Vertically Perforated 11-21% Voids	T2	R1	2.15	F1	S2	17	25	495
Old English Russet	P59	215 x 102.5 x 65	Brown	W	IT	Des	Vertically Perforated 18-23% Voids	T2	R1	1.9	F2	S2	20	30	500
Old Trafford Red	P30	215 x 102.5 x 65	Red	W	DF	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Queens Blend	P30	215 x 102.5 x 65	Red	W	DF	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Rannoch Multi Red	P30	215 x 102.5 x 65	Red	W	IT	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Regency (London Brick)	P30	215 x 102.5 x 65	Red	P	SF	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Rossendale Smooth Red	P31	215 x 102.5 x 65	Red	W	SM	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Rufford Buff Multi	P48	215 x 102.5 x 65	Buff	W	SS	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Rufford Red Multi	P31	215 x 102.5 x 65	Red	W	DF	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Russet Mixture	P32	215 x 102.5 x 65	Red	W	DF	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Rustic (London Brick)	P32	215 x 102.5 x 65	Red	P	RU	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Rustic (London Brick) 73mm	P32	215 x 102.5 x 73	Red	P	RU	King	Frogged 13-18% Voids	T2	R1	2.3	F1	S2	23	25	360
Rustic Antique (London Brick)	P32	215 x 102.5 x 65	Red	P	RU	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Rustic Antique (London Brick) 73mm	P32	215 x 102.5 x 73	Red	P	RU	King	Frogged 13-18% Voids	T1	R1	2.3	F1	S2	23	25	360
Sandfaced (London Brick)	P32	215 x 102.5 x 65	Red	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Saxon Gold (London Brick)	P55	215 x 102.5 x 65	Yellow	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Shelton Mellow	P43	215 x 102.5 x 65	Red	WS	SM	Mea	Frogged 5-18% Voids	T1	R1	2.20	F2	S2	13	25	495
Shelton Red	P43	215 x 102.5 x 65	Red	WS	SM	Mea	Frogged 5-18% Voids	T1	R1	2.20	F2	S2	13	25	495
Shelton Red Multi	P43	215 x 102.5 x 65	Red	WS	SM	Mea	Frogged 5-18% Voids	T1	R1	2.20	F2	S2	13	25	495
Shelton Russet	P43	215 x 102.5 x 65	Red	WS	SM	Mea	Frogged 5-18% Voids	T1	R1	2.20	F2	S2	13	25	495
Sherwood Buff Mixture	P49	215 x 102.5 x 65	Buff	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Sherwood Red Mixture	P33	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Sittingbourne Blend	P51	215 x 102.5 x 65	Buff	TH	C	Mea	Frogged 2-12% Voids	T2	R1	2.36	F2	S2	13	30	495
Southdown Multi	P33	215 x 102.5 x 65	Red	W	RB	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.4	F2	S2	7	75	504
St Annes Red Smooth 75mm	P33	215 x 102.5 x 75	Red	W	SM	Acc	Vertically Perforated 18-23% Voids	T2	R1	3	F2	S2	7	75	424
Sunset Red (London Brick)	P33	215 x 102.5 x 65	Red	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Surrey Hill Red Multi	P36	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Tame Valley Red Mixture	P36	215 x 102.5 x 65	Red	W	IT	Wiln	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Teviot Red	P36	215 x 102.5 x 65	Red	W	IT	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Tudor (London Brick)	P36	215 x 102.5 x 65	Red	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Tudor (London Brick) 73mm	P36	215 x 102.5 x 73	Red	P	IT	King	Frogged 13-18% Voids	T1	R1	2.3	F1	S2	23	25	360
Tweed Red Blend	P37	215 x 102.5 x 65	Red	W	SF	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Victorian Mixture	P37	215 x 102.5 x 65	Red	W	DF	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
Village Golden Thatch	P51	215 x 102.5 x 65	Buff	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	1.9	F2	S2	20	30	500
Village Harvest Multi	P51	215 x 102.5 x 65	Buff	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	1.9	F2	S2	20	30	500
Village Honey Gold	P59	215 x 102.5 x 65	Brown	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Village Oatmeal Buff Multi	P51	215 x 102.5 x 65	Buff	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Village Russet Red Mixture	P38	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Village Sunglow	P38	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically Perforated 15-25% Voids	T2	R1	2.05	F2	S2	15	30	495
Wentworth Mixture	P38	215 x 102.5 x 65	Red	W	DF	Clau	Vertically Perforated 15-25% Voids	T2	R1	2.35	F2	S2	10	40	520
West Sussex Blend	P39	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Westcroft Red Multi	P39	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 5-18% Voids	T2	R1	2.2	F2	S2	13	25	495
Windsor (London Brick)	P39	215 x 102.5 x 65	Red	P	IT	King	Frogged 15-20% Voids	T2	R1	1.95	F1	S2	23	25	390
Woodside Mixture	P41	215 x 102.5 x 65	Red	W	IT	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.25	F2	S2	7	75	504
Woodstock Blend Reserve	P41	215 x 102.5 x 65	Red	W	RB	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	7	75	504
Worcestershire Red Multi	P41	215 x 102.5 x 65	Red	W	IT	Des	Vertically Perforated 18-25% Voids	T2	R1	2	F2	S2	14	40	500
Yorkshire Red Blend	P41	215 x 102.5 x 65	Red	W	SF	Acc	Vertically Perforated 15-25% Voids	T2	R1	2.5	F2	S2	8	60	504

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