

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.

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FORTERRA



THE BRICK GUIDE

THE BRICK GUIDE



forterra.co.uk

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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.



THE ORIGINAL
LONDON
BRICK

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
BRICK

Ecstock 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. Ecstock bricks are available in a wide selection of red, buff, grey and yellow colours.



BUTTERLEY
BRICK

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.

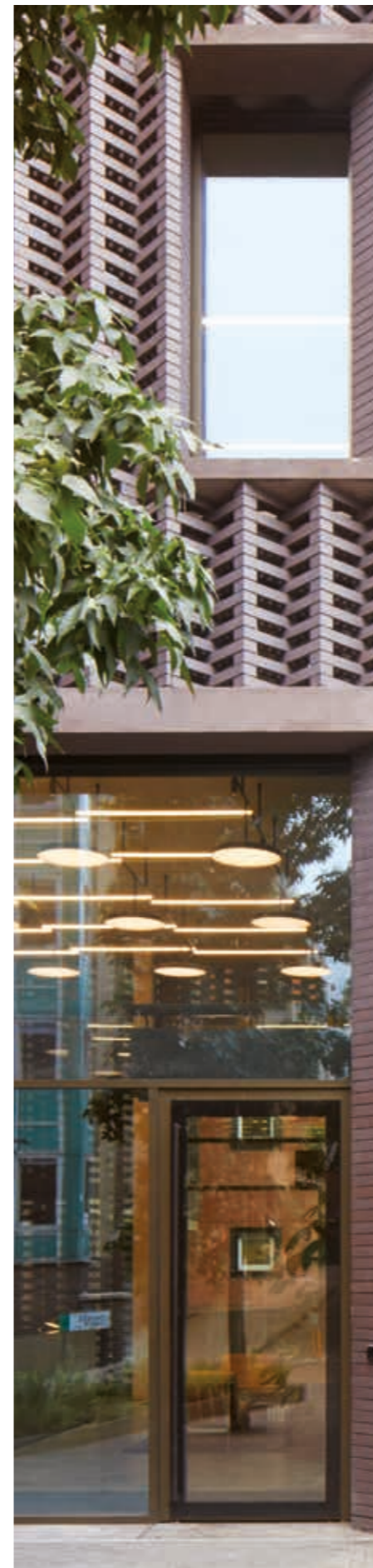
The current range of Butterley wirecut extruded bricks has a wealth of colours and finishes to suit both classic and contemporary architecture. Choose from red, buff, yellow, brown, blue and grey bricks in a smooth, uniform finish; a modern, lightly textured finish; a more rustic looking heavy textured;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



CRADLEY
SPECIAL BRICK

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.

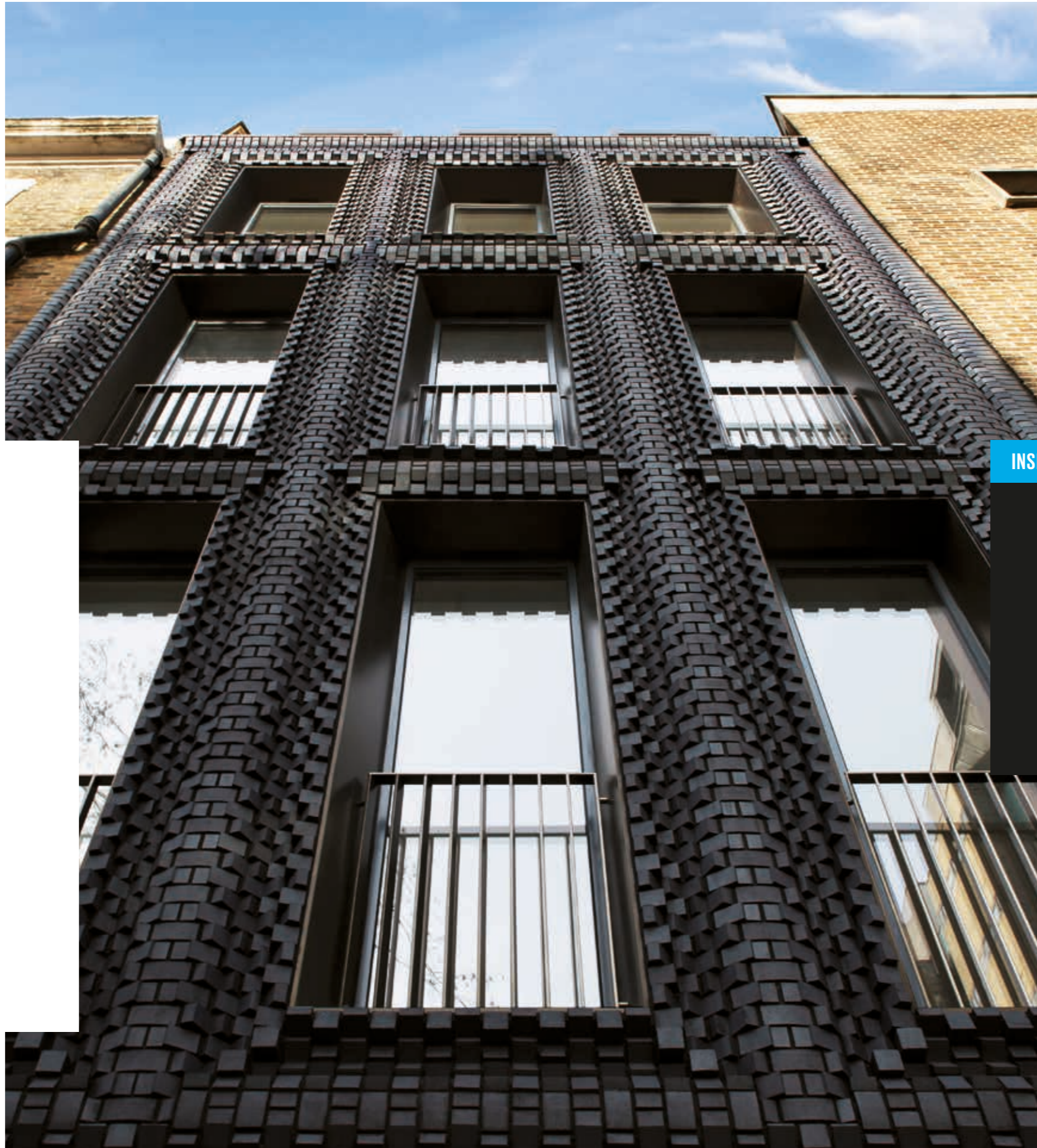


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Disclaimer

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.



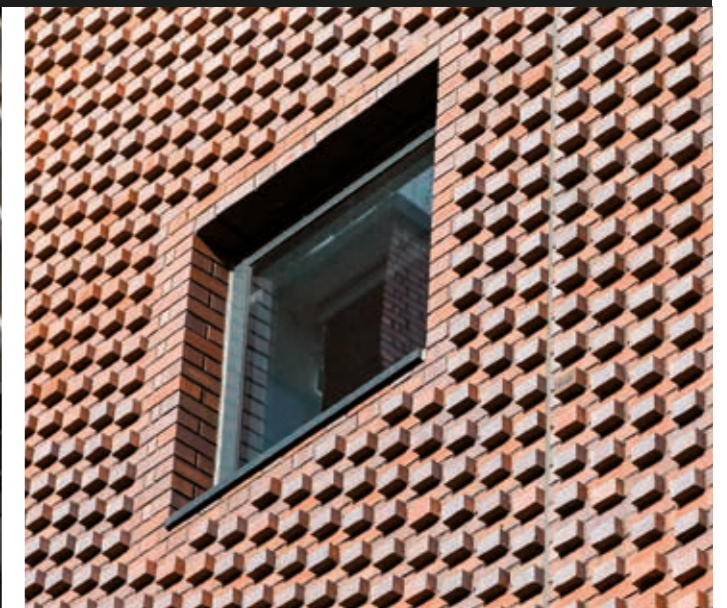
CLAY BRICK, SUSTAINABLE DURABLE BEAUTIFUL

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.





RED BRICKS

HAMPTON RURAL BLEND

RED BRICKS

ABBAY BLEND



BUTTERLEY BRICK

Texture
Rolled Back

ABBAY RED MULTI



BUTTERLEY BRICK

Texture
Rolled Back

ABBAY WEATHERED



BUTTERLEY BRICK

Texture
Dragfaced

ARDEN SPECIAL RESERVE



BUTTERLEY BRICK

Texture
Indented



ARUNDEL MIX



Texture
Creased



ATHERSTONE RED



Texture
Smooth Sanded



ATHERSTONE RED MULTI



Texture
Smooth Sanded



AUTUMN GLOW



Texture
Creased



AUTUMN GLOW MULTI



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.

ARCHITECTS
JOHN HALTON DESIGN LTD

CONTRACTORS
T. BALFE CONSTRUCTION LTD



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





BOXHILL MELD

ECOSTOCK
BRICK

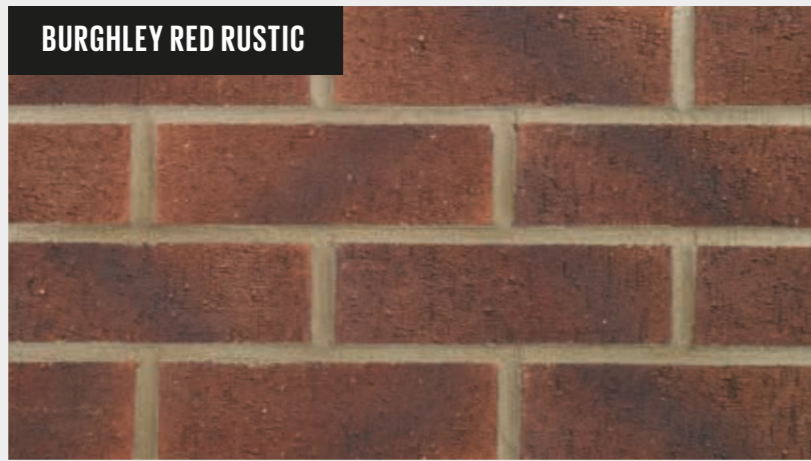
Texture
Creased



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.

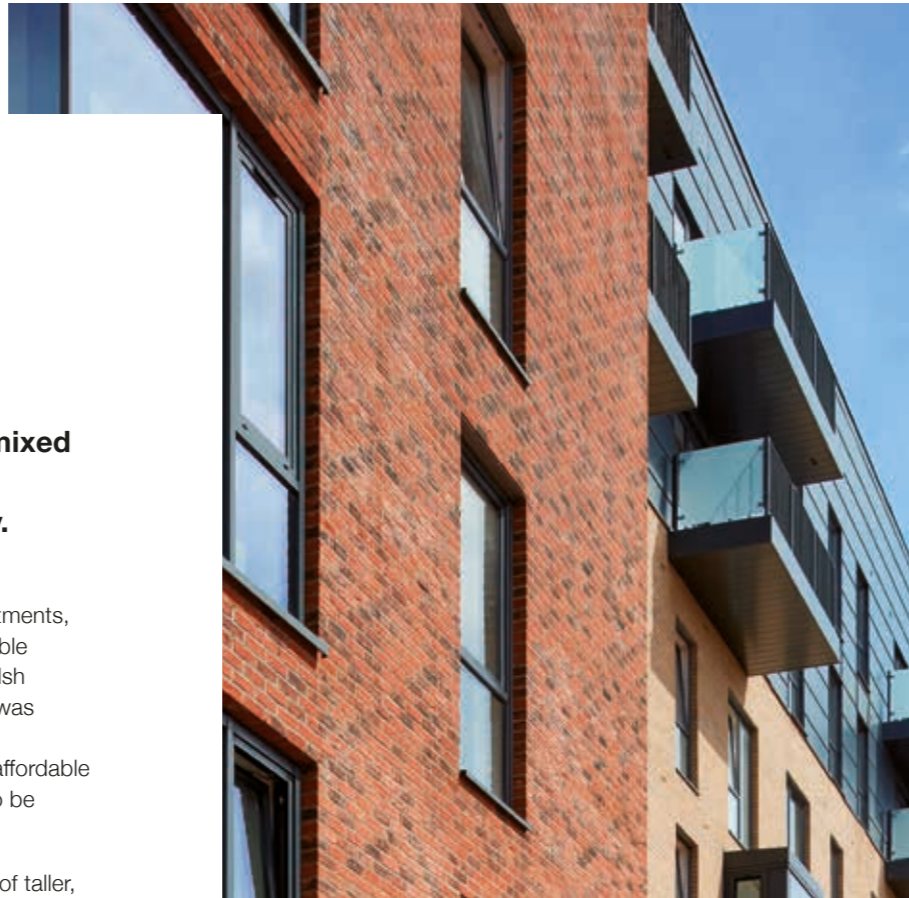
The site layout is based upon the continuation of taller, linear waterside development. The 85 apartments are situated in a seven-storey waterside apartment building, creating an eastern boundary. While the 32 high quality affordable homes are laid to the west, reflecting the existing residential developments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

ARCHITECTS
AUSTIN SMITH LORD

CLIENT
MORGANSTONE



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



RED BRICKS

CHATSWORTH MULTI



BUTTERLEY

Texture
Rolled Back

CHELSEA SMOKED RED



ECOSTOCK

Texture
Creased

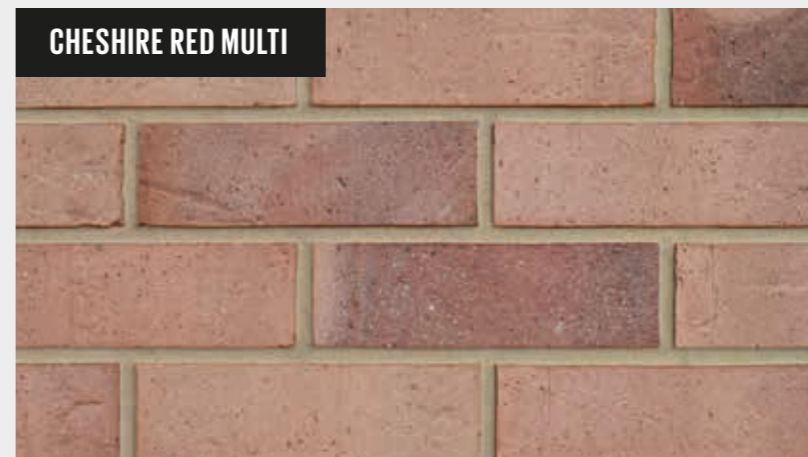
CHERTSEY ANTIQUE BLEND



ECOSTOCK

Texture
Creased

CHESHIRE RED MULTI



BUTTERLEY

Texture
Indented

RED BRICKS

CLUMBER RED MIXTURE



CHILTERN



Texture
Indented

CLAYDON RED MULTI



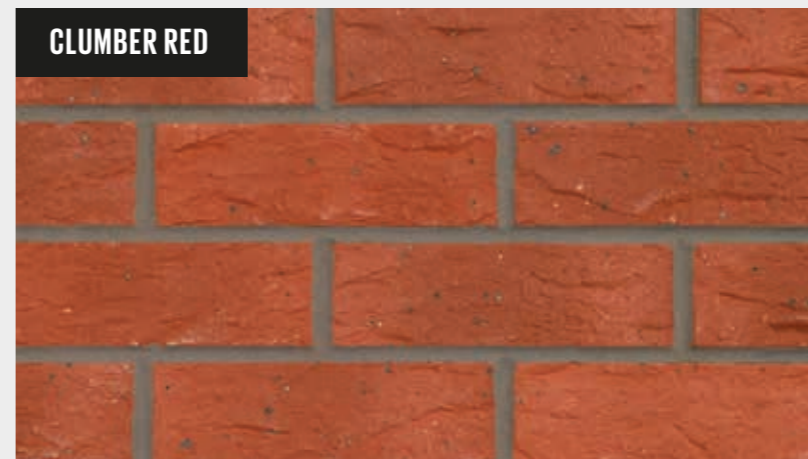
Texture
Indented

CLOCKHOUSE MIXTURE



Texture
Creased

CLUMBER RED

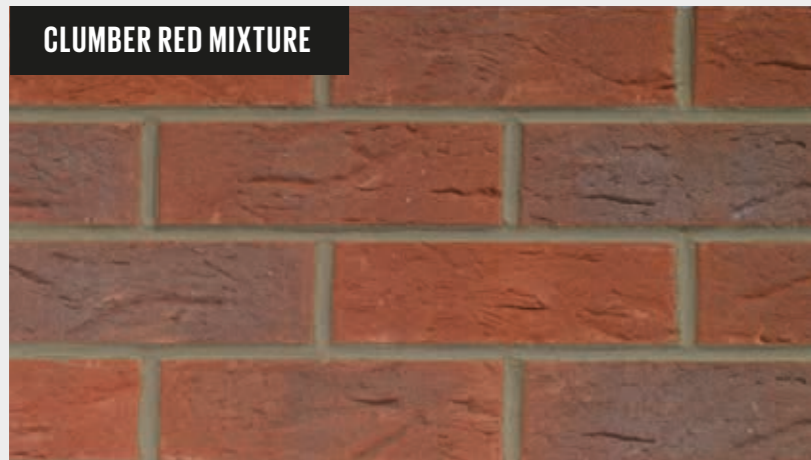


Texture
Smooth Sanded

CHIDWELL MULTI



Texture
Indented



CLUMBER RED MIXTURE



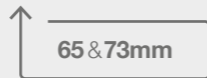
Texture
Smooth Sanded



COUNTY MULTI DRAGFACED



Texture
Dragfaced



COUNTY MULTI RUSTIC



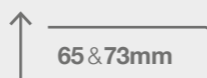
Texture
Rusticated



COUNTY MULTI SMOOTH



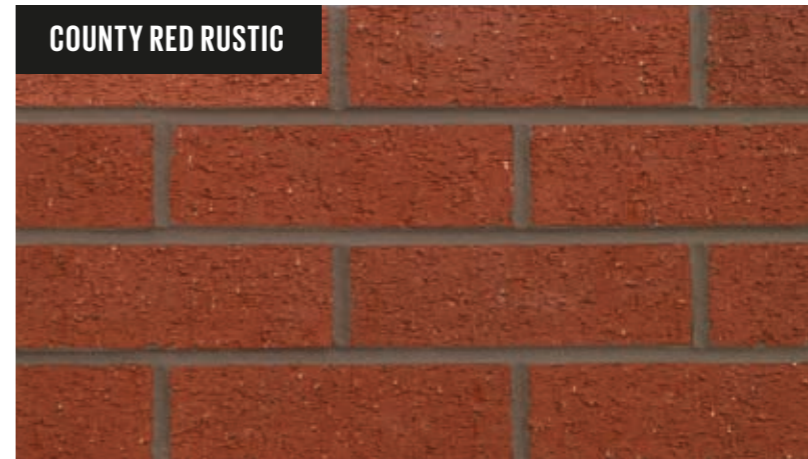
Texture
Smooth



COUNTY RED DRAGFACED



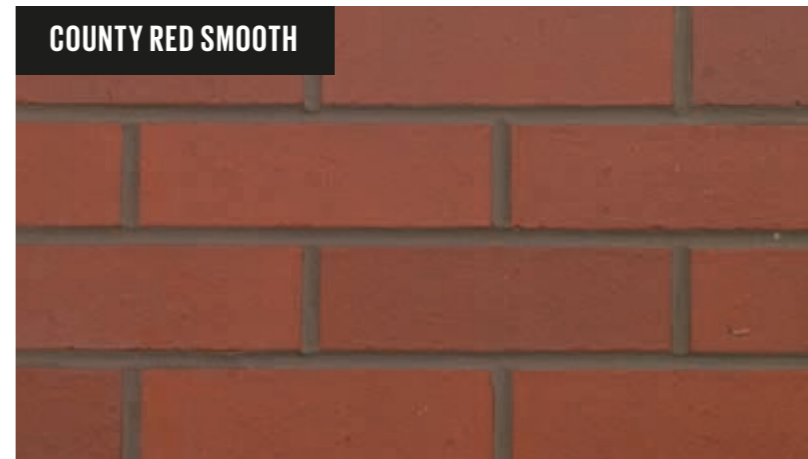
Texture
Dragfaced



COUNTY RED RUSTIC



Texture
Rusticated



COUNTY RED SMOOTH



Texture
Smooth



**ORDER YOUR
BRICK SAMPLES**

0330 123 1017

RED BRICKS



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



RED BRICKS

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.

Ecstock 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.

ARCHITECTS
STUDIO 11 ARCHITECTURE



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



RED BRICKS

GEORGIAN



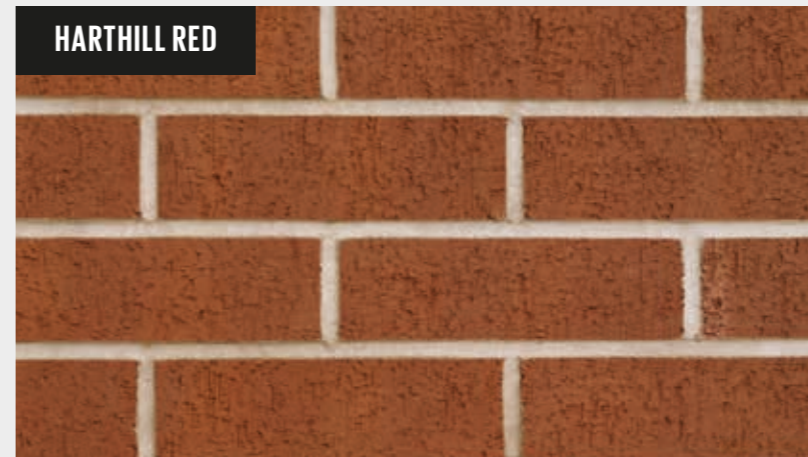
Texture
Sandfaced

HAMPTON RURAL BLEND



Texture
Creased

HARTHILL RED

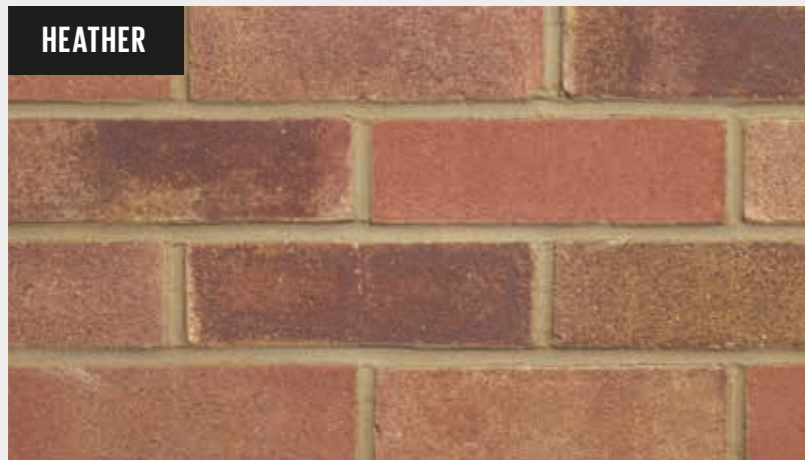


Texture
Dragfaced

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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

RED BRICKS



LANGWITH RED RUSTIC



Texture
Rusticated



LINDUM COTTAGE RED MULTI



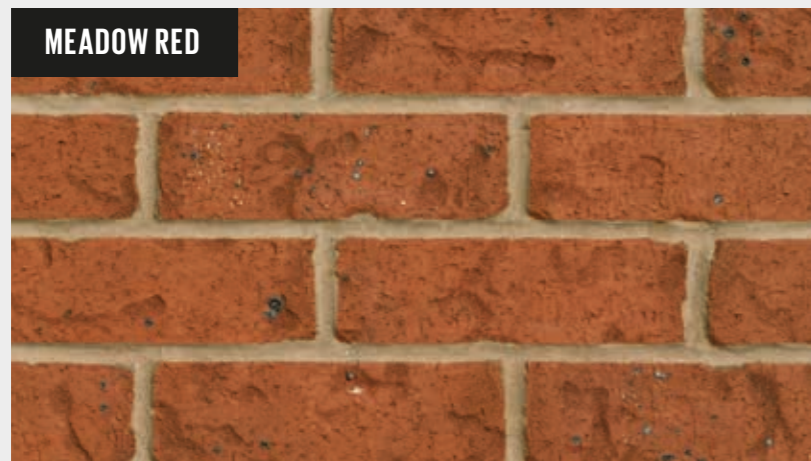
Texture
Smooth Sanded



MANDARIN MIXTURE



Texture
Dragfaced

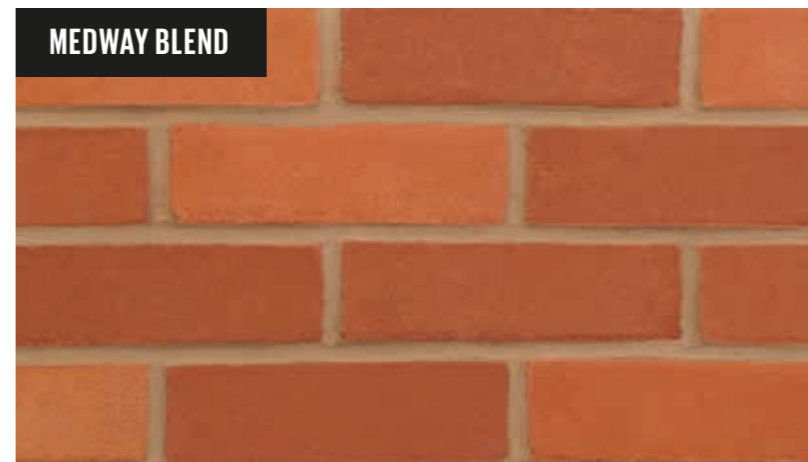


MEADOW RED



Texture
Indented

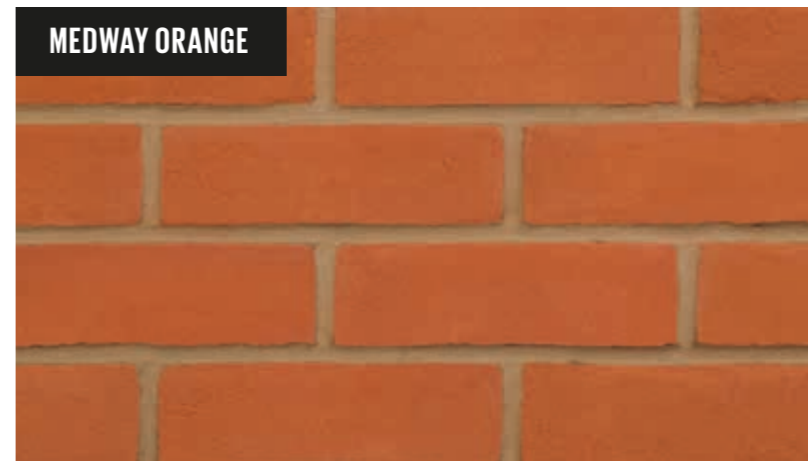
RED BRICKS



MEDWAY BLEND



Texture
Smooth Sanded



MEDWAY ORANGE



Texture
Smooth Sanded



MORAY RED MIXTURE



Texture
Rusticated

ORDER YOUR BRICK SAMPLES

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RED BRICKS

OAKTHORPE RED MULTI STOCK



OAKTHORPE RED MULTI STOCK



ECOSTOCK
BRICK

Texture
Creased

OAKTHORPE RED STOCK



ECOSTOCK
BRICK

Texture
Creased

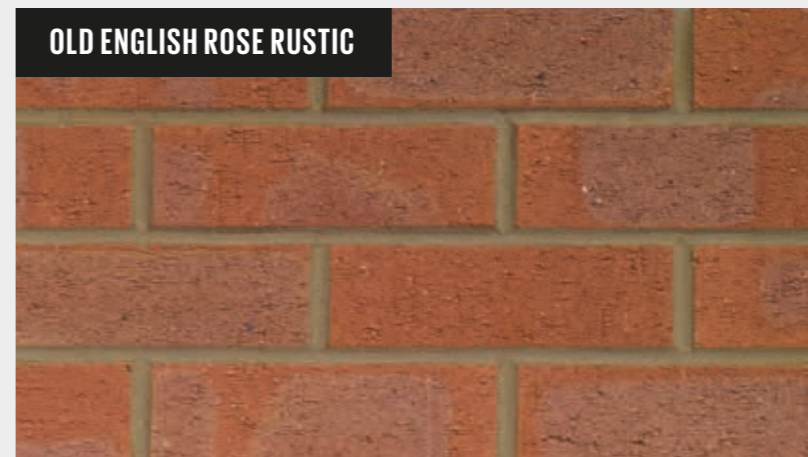
OLD ENGLISH BRINDLE RED



BUTTERLEY
BRICK

Texture
Indented

OLD ENGLISH ROSE RUSTIC



BUTTERLEY
BRICK

Texture
Rusticated

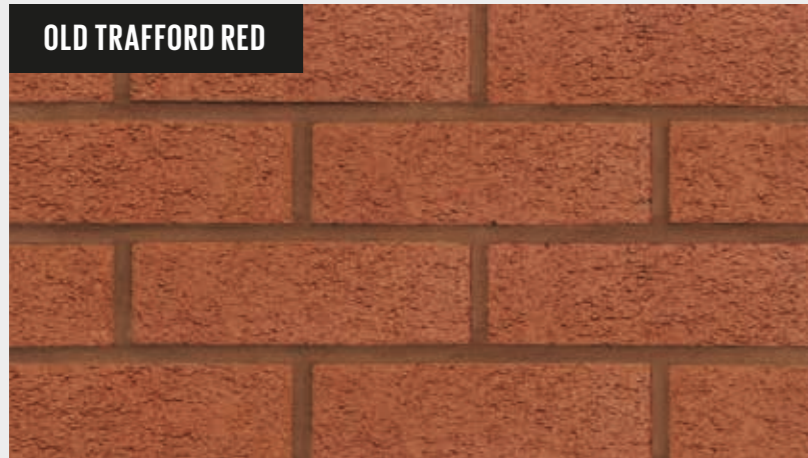
NOTTINGHAM RED RUSTIC



BUTTERLEY
BRICK

Texture
Rusticated

RED BRICKS



Texture
Dragfaced



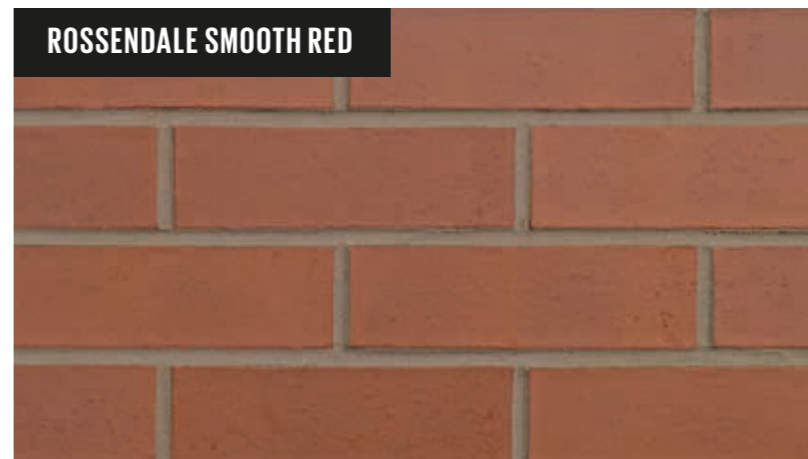
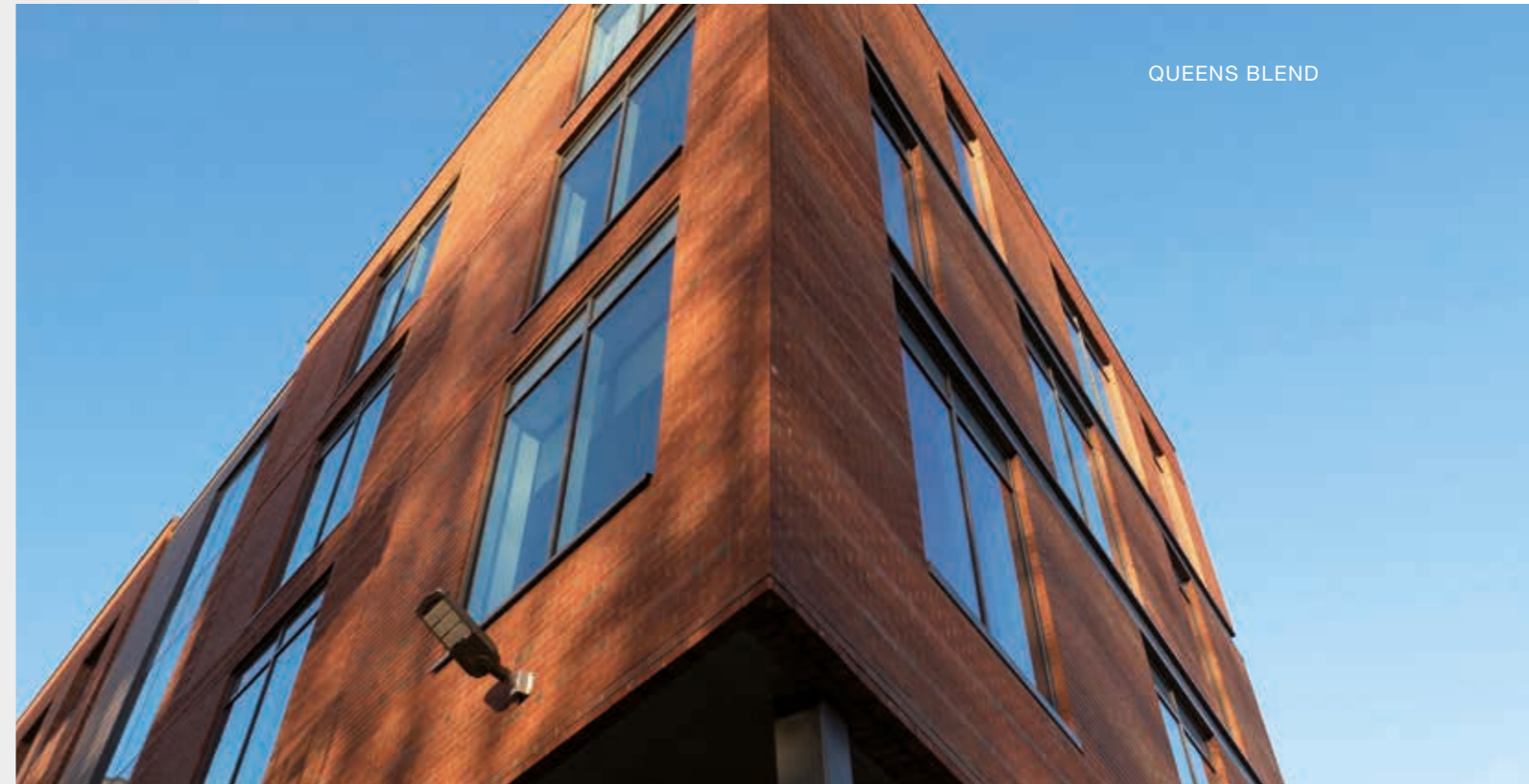
Texture
Dragfaced



Texture
Indented



Texture
Sandfaced



Texture
Smooth



Texture
Dragfaced



RUSSET MIXTURE



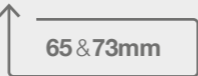
Texture
Dragfaced



RUSTIC



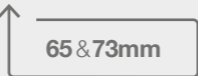
Texture
Rusticated



RUSTIC ANTIQUE



Texture
Rusticated



SANDFACED



Texture
Indented



SHERWOOD RED MIXTURE



Texture
Indented



SOUTHDOWN MULTI



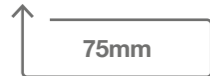
Texture
Rolled Back



ST ANNES RED SMOOTH 75MM



Texture
Smooth



SUNSET RED



Texture
Indented

CASE STUDY

YORK HOUSE

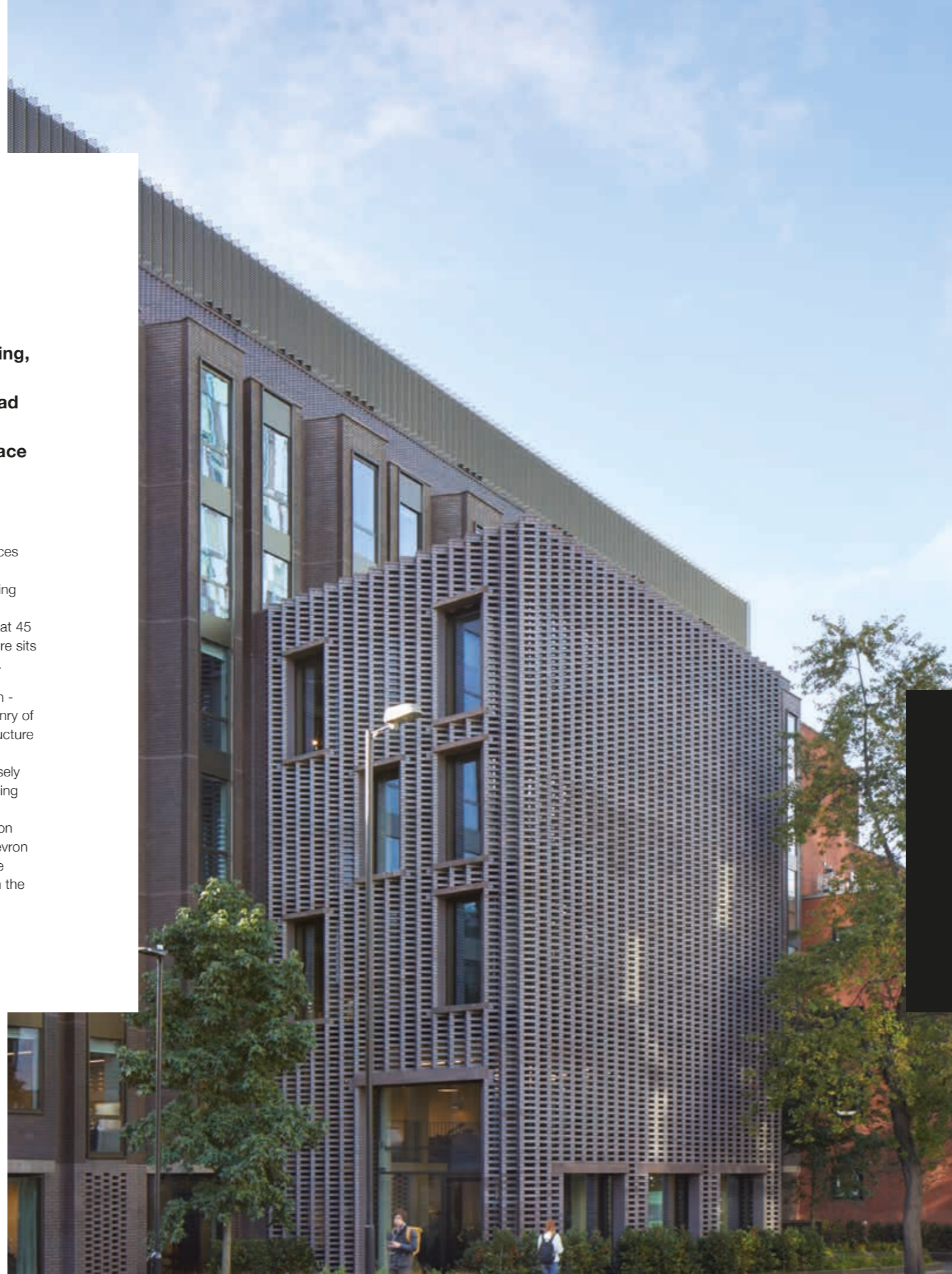
Originally an anonymous, almost forbidding, seven-storey office block constructed in the 1980s, York House on Pentonville Road in Islington has been transformed into a contemporary, light-filled co-working space fit for 21st century use.

The original building frontage was set back from the road, but the addition of a new five-storey 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.

ARCHITECTS

DE METZ FORBES KNIGHT



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.



RED BRICKS



SURREY HILL RED MULTI

ECOSTOCK
BRICK

Texture
Creased



TAME VALLEY RED MIXTURE

BUTTERLEY
BRICK

Texture
Indented



TEVIOT RED

BUTTERLEY
BRICK

Texture
Indented



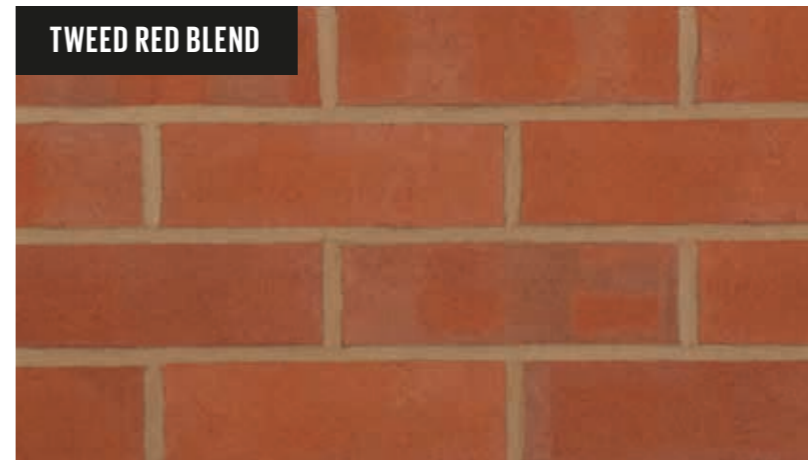
TUDOR

THE ORIGINAL
LONDON
BRICK

Texture
Indented

↑
65 & 73mm

RED BRICKS



TWEED RED BLEND

BUTTERLEY
BRICK

Texture
Sandfaced



VICTORIAN MIXTURE

BUTTERLEY
BRICK

Texture
Dragfaced



VICTORIAN MIXTURE



VILLAGE RUSSET RED MIXTURE



Texture
Indented



VILLAGE SUNGLOW



Texture
Indented



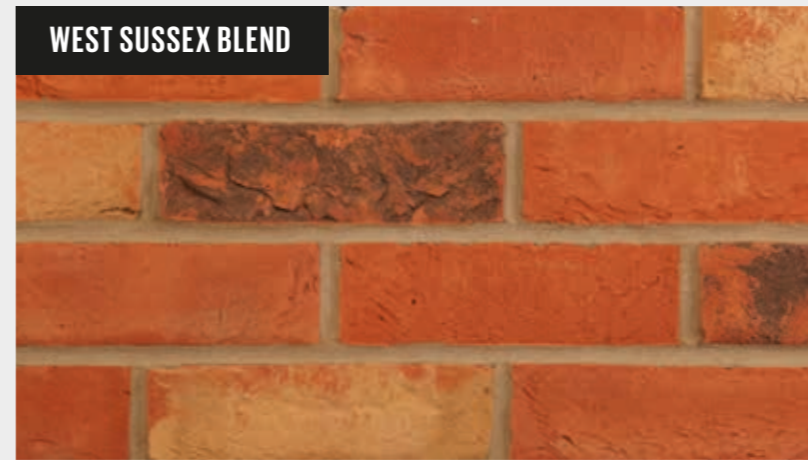
WENTWORTH MIXTURE



Texture
Dragfaced

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WEST SUSSEX BLEND



Texture
Creased



WESTCROFT RED MULTI



Texture
Creased



WINDSOR



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.



RED BRICKS



SHELTON MELLOW

ECOSTOCK
BRICK

Texture
Waterstruck



SHELTON RED

ECOSTOCK
BRICK

Texture
Waterstruck



SHELTON RED MULTI

ECOSTOCK
BRICK

Texture
Waterstruck



SHELTON RUSSET

ECOSTOCK
BRICK

Texture
Waterstruck



BELGRAVIA GAULT BLEND

BUFF BRICKS

BUFF BRICKS

BELGRAVIA GAULT BLEND



ECOSTOCK
BRICK

Texture
Creased

BRAEMAR BUFF RUSTIC



BUTTERLEY
BRICK

Texture
Rusticated

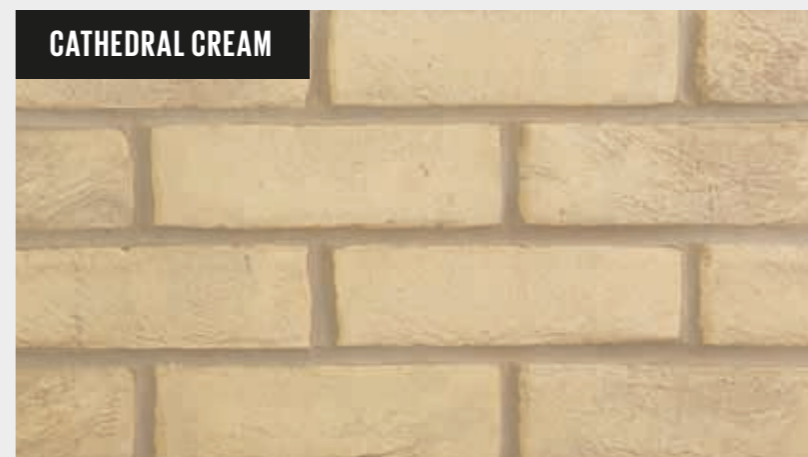
BURWELL BUFF



BUTTERLEY
BRICK

Texture
Indented

CATHEDRAL CREAM



ECOSTOCK
BRICK

Texture
Creased



CUMBRIA BUFF RUSTIC



Texture
Dragfaced



HARBOROUGH BUFF MULTI



Texture
Indented



HEREWARD LIGHT



Texture
Sandfaced



HONEY BUFF



Texture
Indented



INGLEBOROUGH BUFF MULTI



Texture
Dragfaced



KENSINGTON CREAM



Texture
Creased



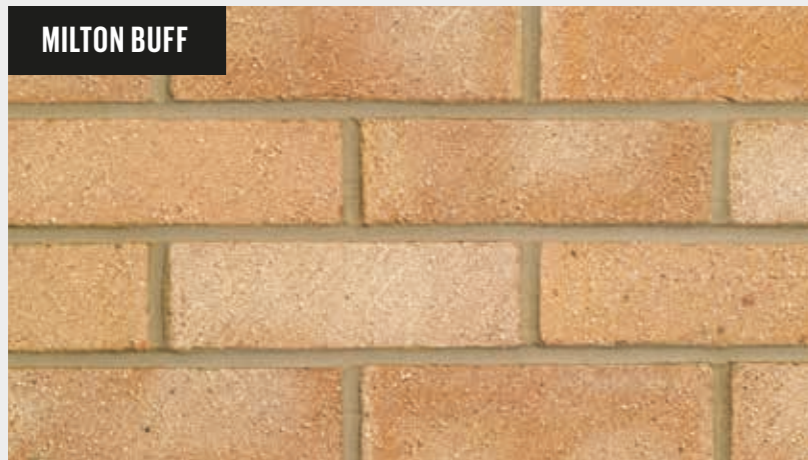
LEICESTERSHIRE RUSSET MIXTURE



Texture
Indented

**ORDER YOUR
BRICK SAMPLES**

0330 123 1017



MILTON BUFF



Texture
Indented



NENE VALLEY STONE



Texture
Indented



OLD ENGLISH BUFF MULTI



Texture
Rusticated



RUFFORD BUFF MULTI



Texture
Smooth Sanded



CATHEDRAL CREAM



SHERWOOD BUFF MIXTURE



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.

ARCHITECTS
BARTON WILLMORE



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

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



ARDLEIGH YELLOW STOCK

YELLOW BRICKS

YELLOW BRICKS

ARDLEIGH YELLOW STOCK



ECOSTOCK
BRICK

Texture
Creased

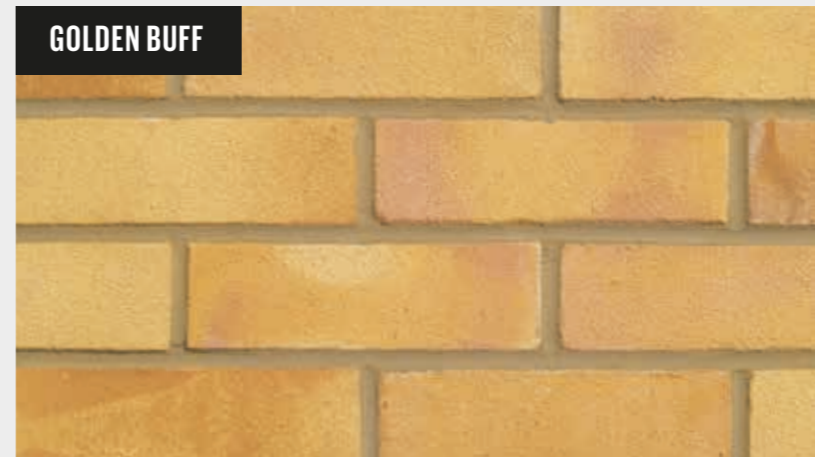
ASHWELL YELLOW MULTI



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.

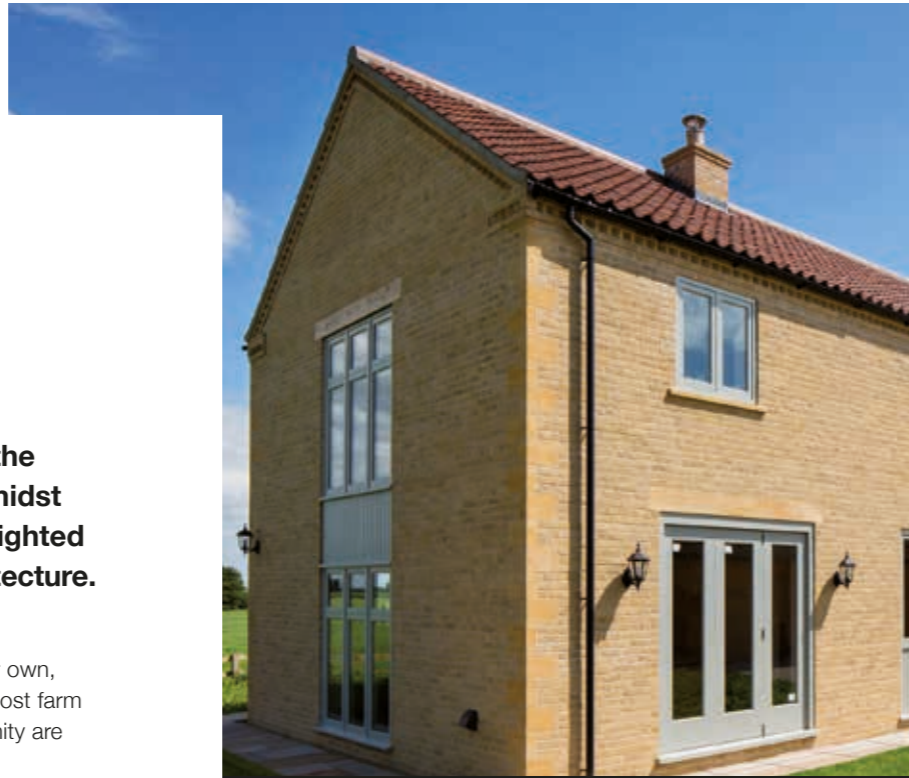
A yellow stock brick sourced from Forterra was an important part of the concept. The brick was used alongside the use of local Lincolnshire limestone quarried seven miles away at Ancaster. Handmade clay pantiles were sourced to match existing roof tiles.

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.

ARCHITECTS

D.B. LAWRENCE ASSOCIATES



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



YELLOW BRICKS

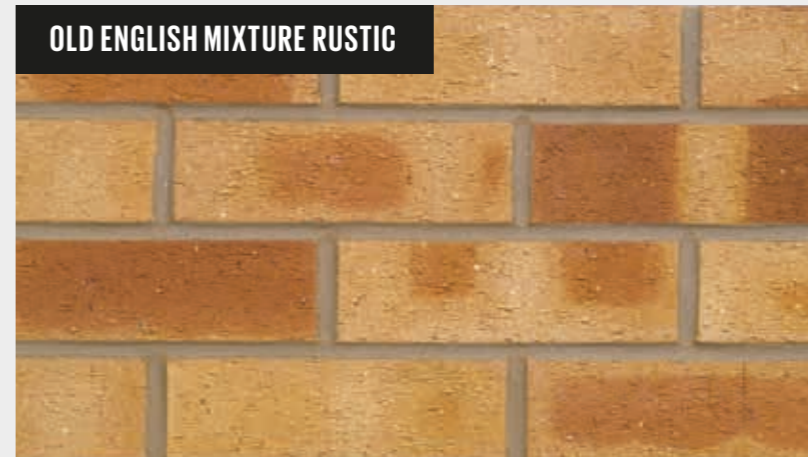
LONGVILLE STONE



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

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DARK MOROCCAN SMOOTH



BROWN BRICKS

BROWN BRICKS

BROWN RUSTIC



BUTTERLEY
BRICK

Texture
Rusticated

DARK MOROCCAN RUSTIC



BUTTERLEY
BRICK

Texture
Rusticated

↑
65 & 73mm

DARK MOROCCAN SMOOTH

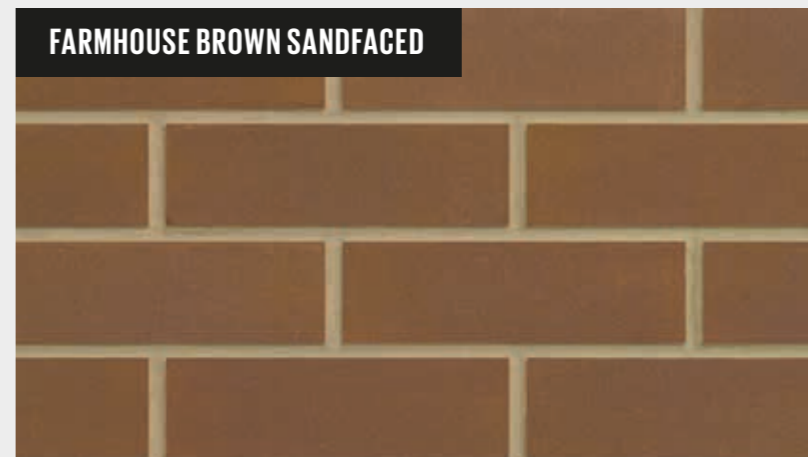


BUTTERLEY
BRICK

Texture
Smooth

↑
65 & 73mm

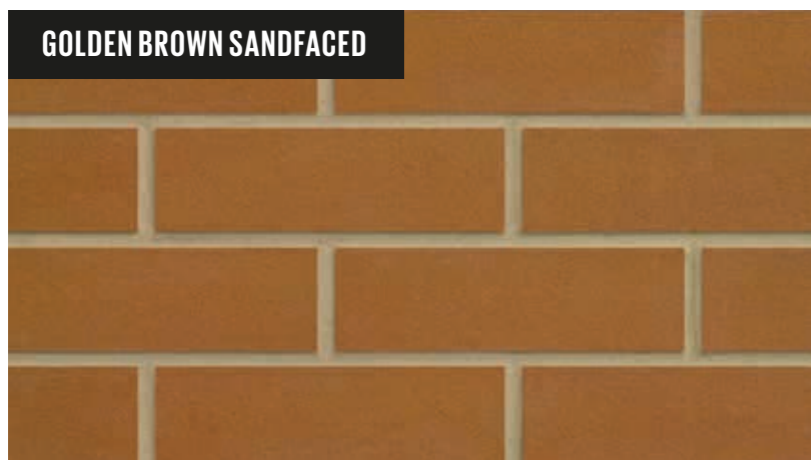
FARMHOUSE BROWN SANDFACED



BUTTERLEY
BRICK

Texture
Sandfaced

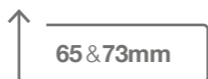
↑
65 & 73mm



GOLDEN BROWN SANDFACED



Texture
Sandfaced



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.



MIXED BROWN BRINDLE RUSTIC



Texture
Rusticated



OCHRE BROWN



Texture
Indented



OLD ENGLISH RUSSET



Texture
Indented



VILLAGE HONEY GOLD



Texture
Indented



BLUE SMOOTH

BLUE, BLACK & GREY BRICKS

BLUE BRICKS



BLUE RUSTIC

BUTTERLEY
BRICK

Texture
Rusticated

↑
65 & 73mm



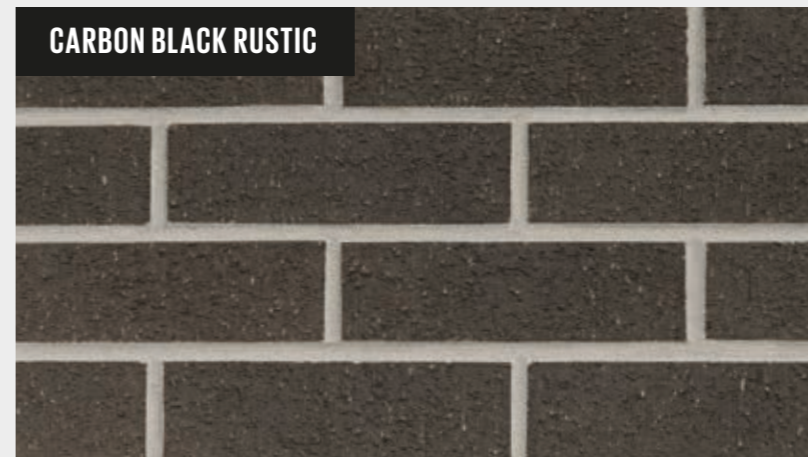
BLUE SMOOTH

BUTTERLEY
BRICK

Texture
Smooth

↑
65 & 73mm

BLACK BRICKS



CARBON BLACK RUSTIC

BUTTERLEY
BRICK

Texture
Rusticated

BLACK BRICKS



CARBON BLACK SMOOTH

BUTTERLEY
BRICK

Texture
Smooth



BRINDLE

THE ORIGINAL
LONDON
BRICK

Texture
Indented

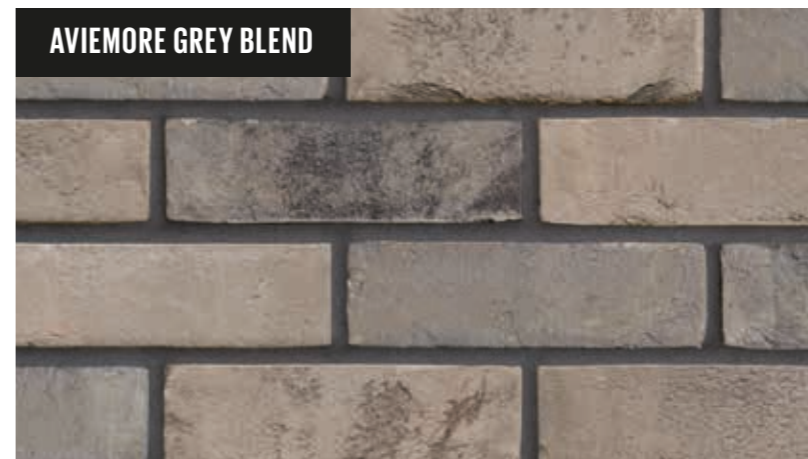


CARBON BLACK SMOOTH

ORDER YOUR BRICK SAMPLES

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GREY BRICKS



AVIEMORE GREY BLEND

ECOSTOCK
BRICK

Texture
Creased



BRECKEN GREY

THE ORIGINAL
LONDON
BRICK

Texture
Indented



CHATSWORTH GREY RUSTIC



Texture
Rusticated



COTSWOLD



Texture
Indented



DAPPLE LIGHT



Texture
Sandfaced



DUNEDIN GREY STOCK



Texture
Creased



GRANITE ASH



Texture
Indented



GREYFRIARS GAULT BLEND



Texture
Creased



MILTON HALL DARK BLEND



Texture
Creased



MILTON HALL LIGHT BLEND



Texture
Creased

BESPOKE BLENDS SERVICE

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.

COUNTY RED SMOOTH AND
DARK MULTI SMOOTH BLEND

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.

BESPOKE BRICK BLENDS



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.

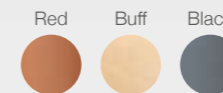
Cradley can produce non-standard and bespoke brick specials to almost any design, shape and in a variety of different sizes to create unique brickwork features and detailing.

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.

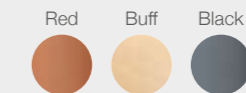
Whatever the complexity, scope or scale of your project, the team will work with you to find the best solution for your timescale, budget and, of course, aesthetic requirements – whether you need one or 100,000 special shaped bricks.

BRITISH STANDARD SPECIAL SHAPED BRICKS

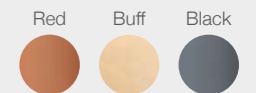
AN.1 SQUINT
(left or right hand)



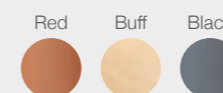
AN.5 SINGLE CANT
(left or right hand)



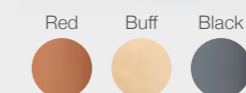
AN.6 DOUBLE CANT



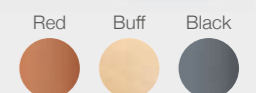
AN.12 DOUBLE CANT STOP END



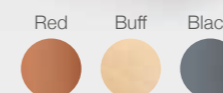
BN.1 SINGLE BULLNOSE
(left or right hand)



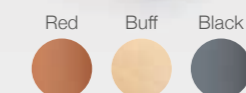
BN.2 DOUBLE BULLNOSE



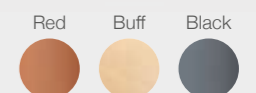
BN.5 SINGLE BULLNOSE HEADER ON FLAT



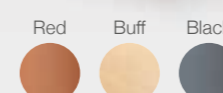
BN.19 EXTERNAL RETURN TO DOUBLE BULLNOSE ON EDGE AND TO BULLNOSE DOUBLE HEADER ON FLAT



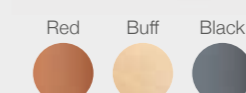
PL.2 PLINTH HEADER
(left or right hand)



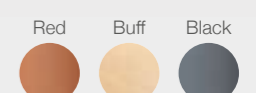
PL.3 PLINTH STRETCHER



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



PL.7 PLINTH EXTERNAL
(left or right hand)



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 façade 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



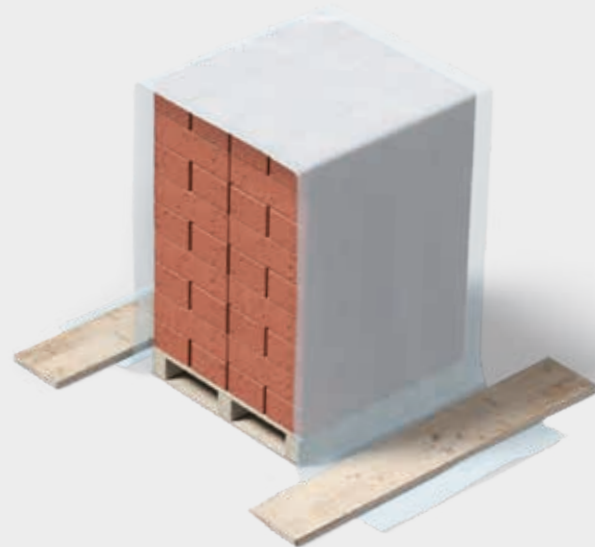
TECHNICAL & DESIGN CONTENT

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.



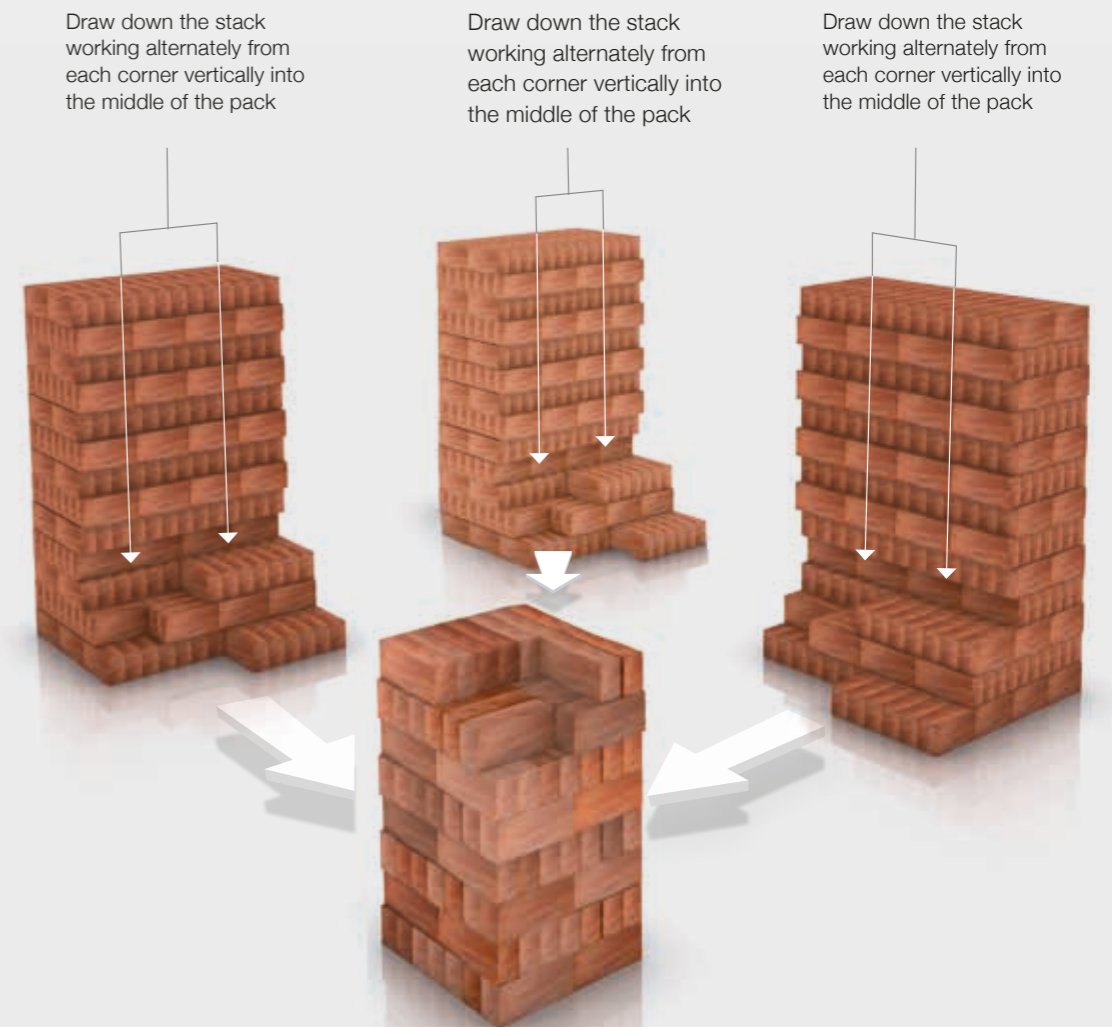
PROTECTION OF NEWLY BUILT BRICKWORK

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.

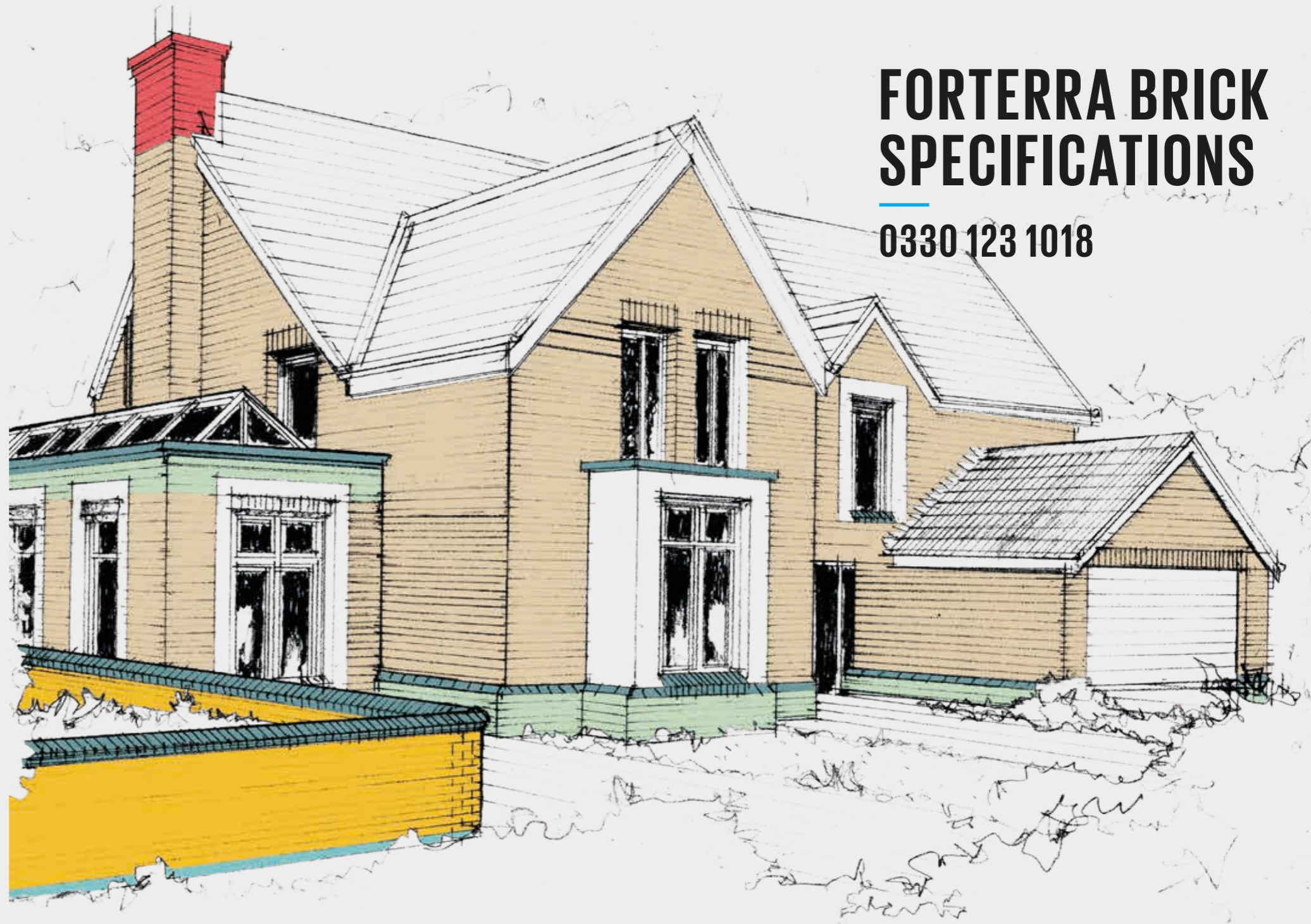


DURABILITY RATINGS

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 $\leq 7\%$, 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 efflorescence 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

0330 123 1018

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.



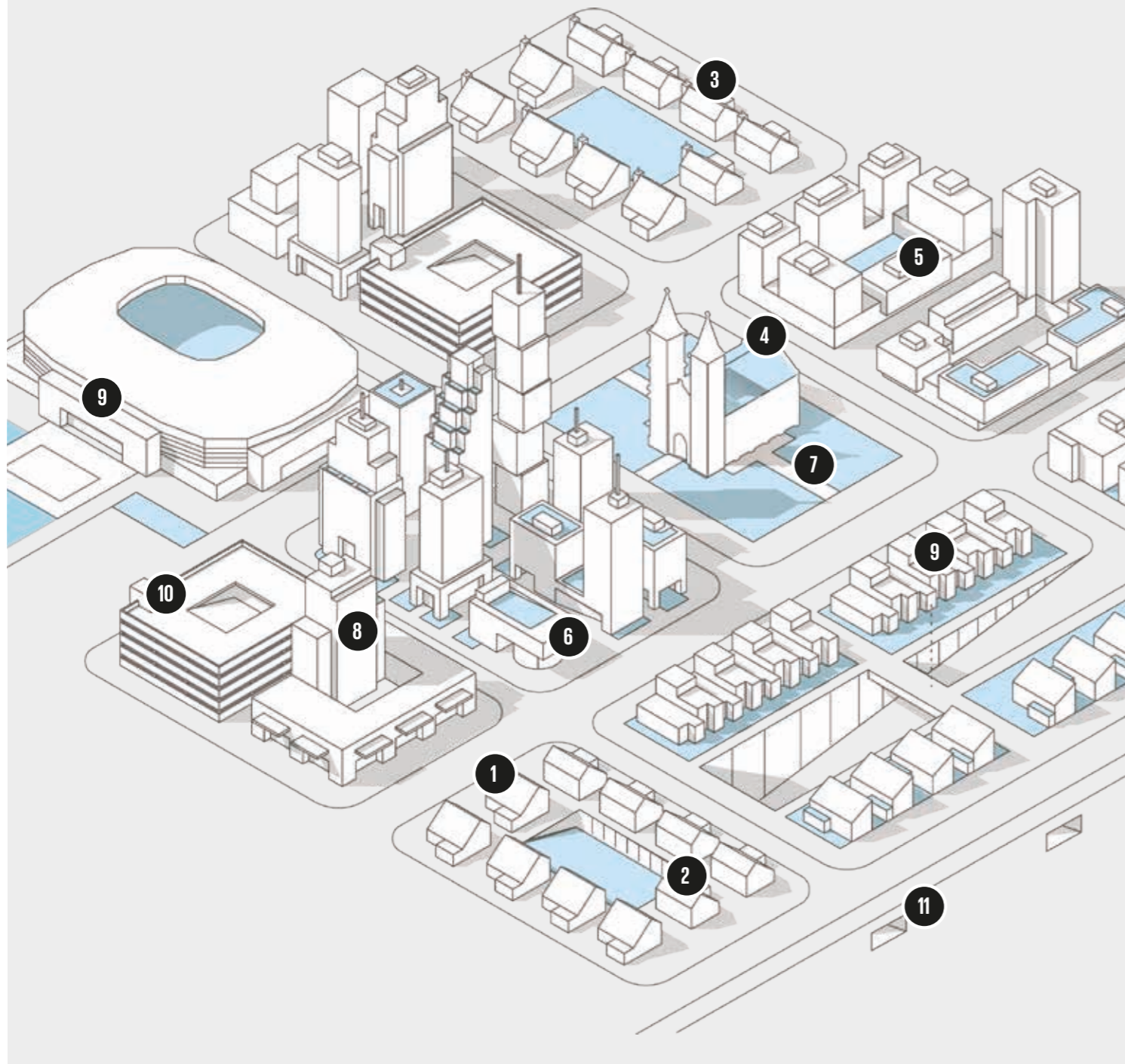
Flush

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

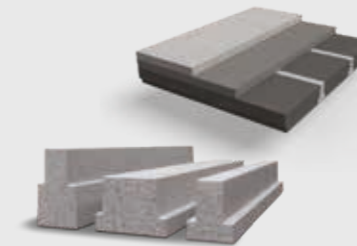
LONDON BRICK
ECOSTOCK
BUTTERLEY

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](https://www.forterra.co.uk)

Brick name	Page	Size (mm)	Colour	Manufacture				Configuration	Dimensional tolerance mean							Brick name	Page	Size (mm)	Colour	Manufacture				Configuration	Dimensional tolerance mean								
				Texture	Factory	Dimensional tolerance range	Dry weight per brick (kg)		Durability rating	Active soluble salts	Water absorption (%)	Comp. strength (N/mm ²)	Pack size	Texture	Factory					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	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	
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	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	
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	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
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	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	
Ardeigh 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	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	
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	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	
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	Nottingham Red Rustic	P28	215 x 102.5 x 65	Red	W	RU	Kirt	Frogged	11-21% Voids	T2	R1	2.15	F1	S2	17	25	495
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	Rosendale 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
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	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
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	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
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	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
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	Rustic (London Brick)	P32															