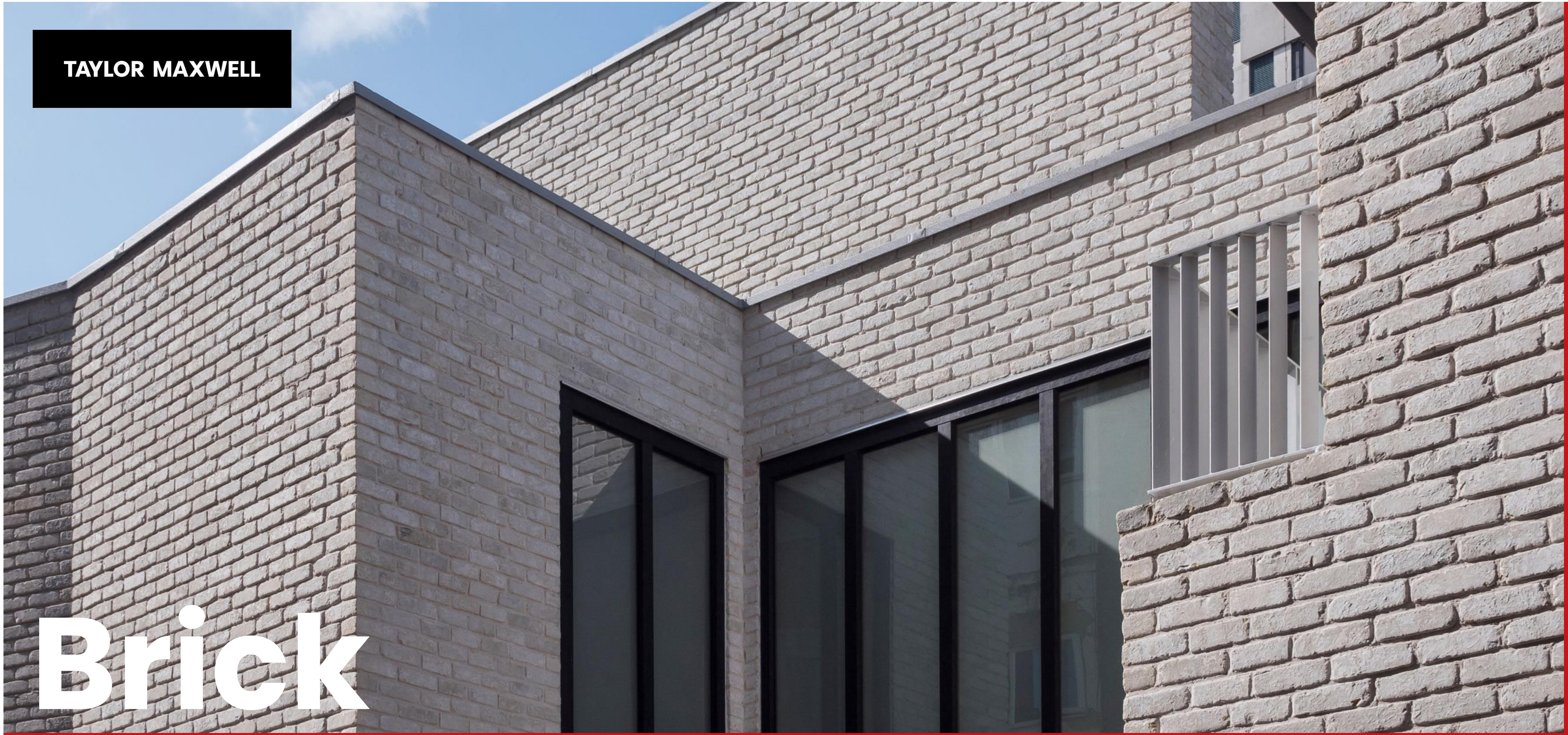
TAYLOR MAXWELL



Brick

Facing bricks, special shaped bricks and our select range

taylormaxwell.co.uk

Facing Brick & Brick Matching

Erith Park

This traditional building material is back in vogue with architects, not only for stable structures but to display innovative design and craftsmanship.

Taylor Maxwell partner with UK and European brick manufacturers, to supply a large range of bricks to meet the appearance and budget requirements of your development. Our range includes a broad spectrum of colours including reds, oranges, blues, greys, yellows and creams. In addition to this, we also supply glazed bricks and can create bespoke blends to meet the vision of your design.

Modern, fired, clay bricks are formed using one of four manufacturing processes; soft mud (stock), dry press (handmade), extruded (wirecut) or waterstruck which each have a unique influence on the size, shape, colour and texture of the finished product.

Clay brickwork has a typical life-cycle of 150 years, and the durability to withstand the hard wear of multiple occupants over an extended period of time. Bricks offer a low maintenance solution with a high thermal mass that are reusable and recyclable, contributing to its position as one of the most sustainable construction components.

Brick Matching Service

With specialists based in 12 offices across the UK, Taylor Maxwell can provide local knowledge of the facing bricks and masonry used on existing schemes, or bricks suited to the local architectural style. We will provide samples for approval based on an exact match where possible, or the nearest brick blend/type to meet the required finish.

To achieve the best solution and to ensure the most cost-effective approach, we recommend contacting us at an early stage of your project, so that we can provide the maximum technical input.

Simply follow the steps below to submit a brick match request on our website at **taylormaxwell.co.uk/brick-matching**. If we are unable to identify your brick from the images received, we will arrange for one of our area sales team to contact you and co-ordinate a site visit.

1. Close Up

Take a photo of the brick you would like us to match. We would recommend this image be about 1 metre away to allow us to review the texture and colour of the brick to find the closest match available.

2. Brickwork

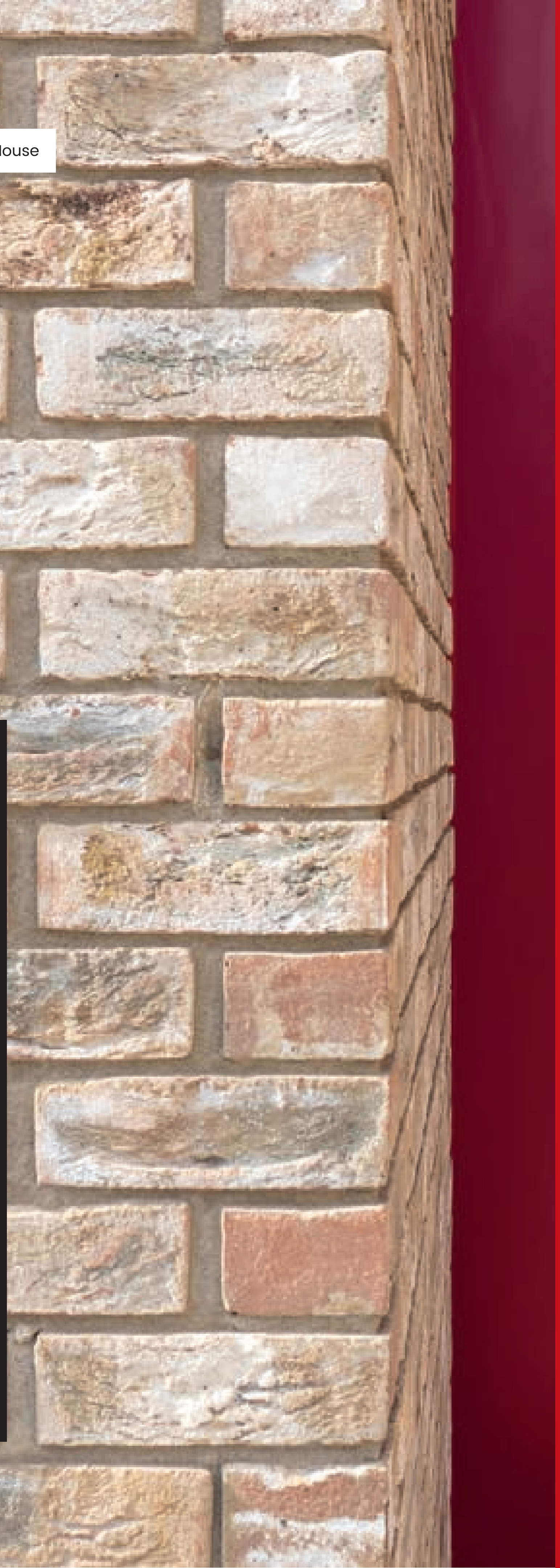
A second image of the brickwork from no more than 2 metres away, will allow us to gain a better understanding of a suitable match or alternative.

3. Full Build

If available, upload an image of the brick as part of the overall scheme for us to view the colour variation and bond pattern.

If you do not have an image of the brick or project you would like us to match, please email **brickmatching@taylor.maxwell.co.uk** with some details of the style you require.

If you have already identified the brick/s for your project, please get in touch and we can arrange the relevant samples for you.



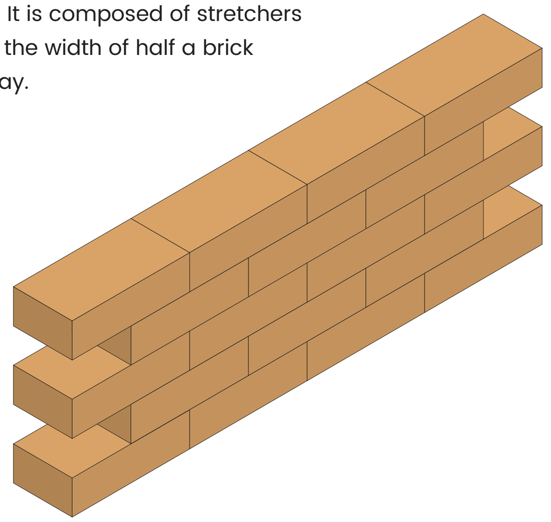
Stapleton House


Ivydale School

Bond Patterns

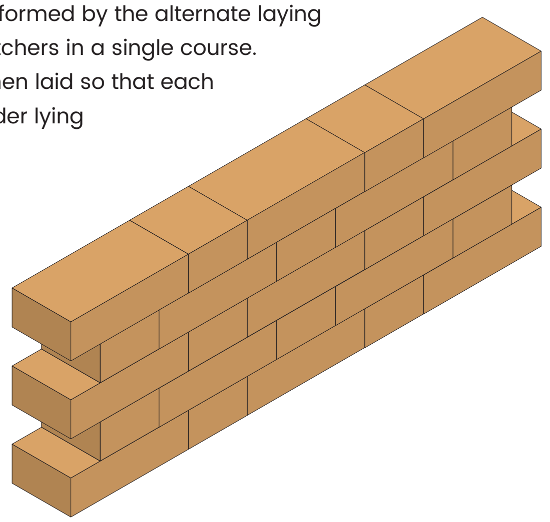
Stretcher Bond (Modern)

The Stretcher bond pattern is one of the most common bond patterns used. It is composed of stretchers set in rows offset by the width of half a brick and is very easy to lay.



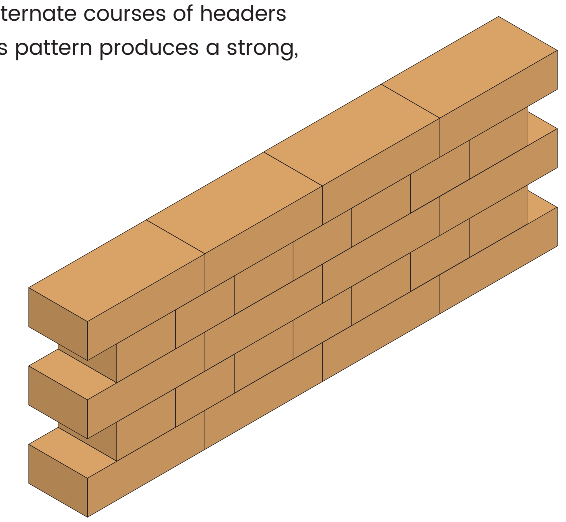
Flemish Bond

The Flemish bond pattern was first introduced in the Tudor period and is formed by the alternate laying of headers and stretchers in a single course. The next course is then laid so that each stretcher has a header lying centrally above it.



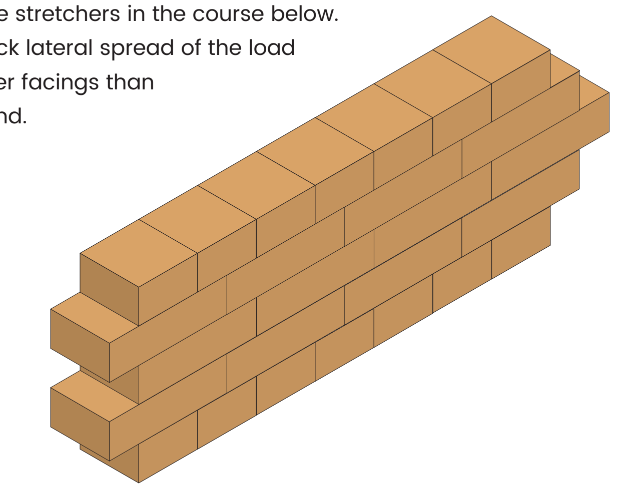
English Bond

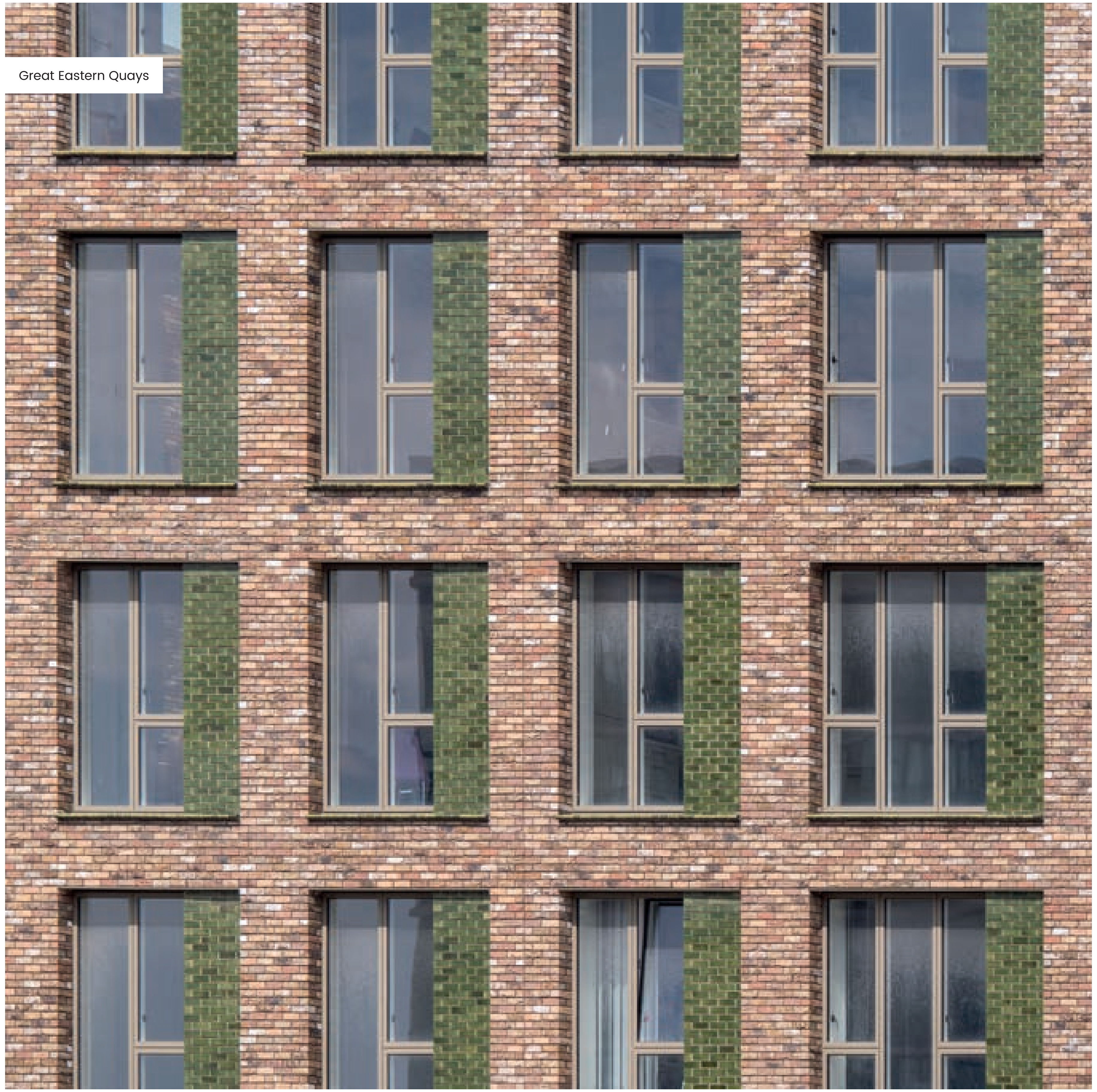
This is one of the oldest known brick bond patterns. Bricks are laid in alternate courses of headers and stretchers. This pattern produces a strong, solid wall.



English Garden Wall

This is similar to the English bond but with one course of headers for every three courses of stretcher. The headers are centred on the stretchers in the course below. This gives quick lateral spread of the load and uses fewer facings than an English bond.





Brick Sizes

Metric bricks are smaller than the old imperial ones. Where required, new bricks can be bonded into old brickwork by slightly increasing the mortar bed joint.

Comparisons of metric and imperial bricks are shown in the table below.

	Quantity	Mortar
1 m^2	60	0.02 m^3
2 m^2	120	0.05 m^3
5 m^2	300	0.12 m^3
10 m^2	600	0.24 m^3

	Length of Brick (including joint)	Width of Brick (including joint)	Height of Brick (including joint)	Typical Joint
Metric	215mm	102.5mm	50mm	10mm
Metric	215mm	102.5mm	65mm	10mm
Imperial	225mm	107.5mm	67/68mm	10mm
Imperial	230mm	110mm	70mm	10mm
Imperial	230mm	110mm	73mm	10mm
Imperial	230mm	110mm	76mm	10mm
Imperial	230mm	110mm	80mm	10mm

	Length of Brick (including joint)	Width of Brick (including joint)	Height of Brick (including joint)	Typical Joint
Metric	225mm/8.86"	112.5mm/4.43"	75mm/2.95"	10mm/0.39"
Imperial	9"/228.6mm	4.5"/114.3mm	3"/76.2mm	3/8"/9.55mm

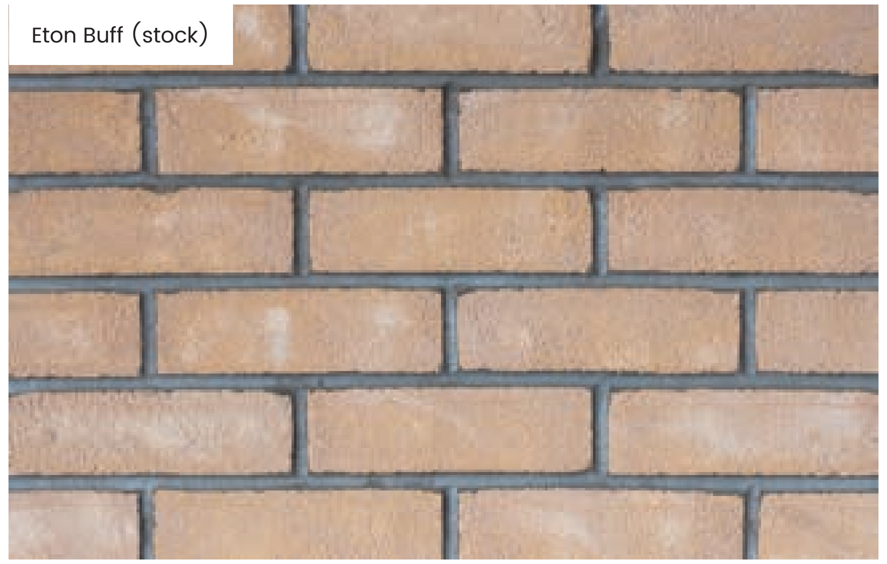
The Select Range - exclusive to Taylor Maxwell

The Select Range comprises of 18 facing bricks produced by industry leading manufacturers exclusively for Taylor Maxwell. The range includes both wirecut and stock options in a variety of colours and blends, all at very competitive price points.

These bricks are particularly ideal for both private and social housing developments and will seamlessly interface with our wider range of external facade materials.

To complement the Select Range of facing bricks, we also supply a full range of British Standard, non-standard and tailor made special shape bricks.

Muswell Hill


Eton Buff (stock)


Welford Buff (wirecut)


Bower Buff Multi (tumbled stock)


Carsington Cream (stock)


Westminster Yellow (stock)


Hawksmoor Yellow Multi (tumbled stock)


Cottingham Yellow Multi (tumbled stock)


Oakmoor Cream (wirecut)


Gormley Grey (tumbled stock)

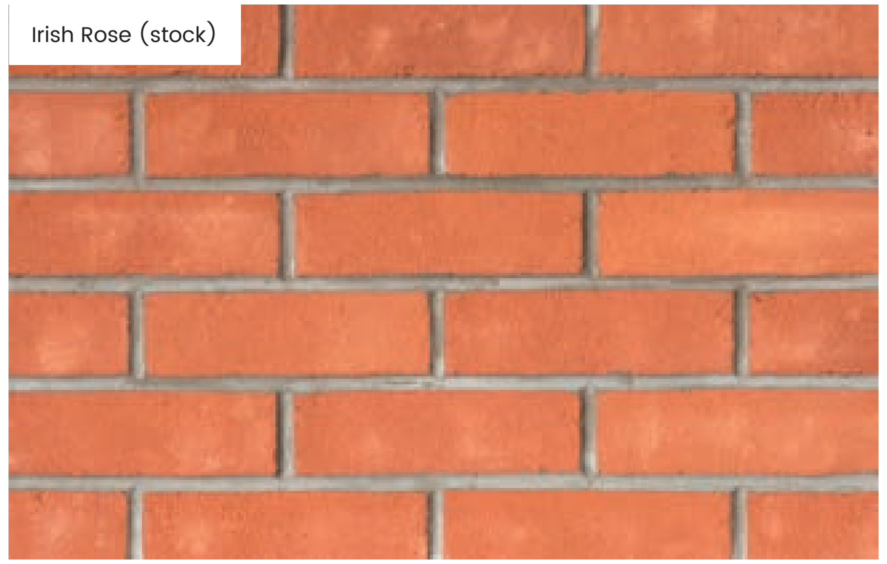

Waterhouse Red Multi (tumbled stock)

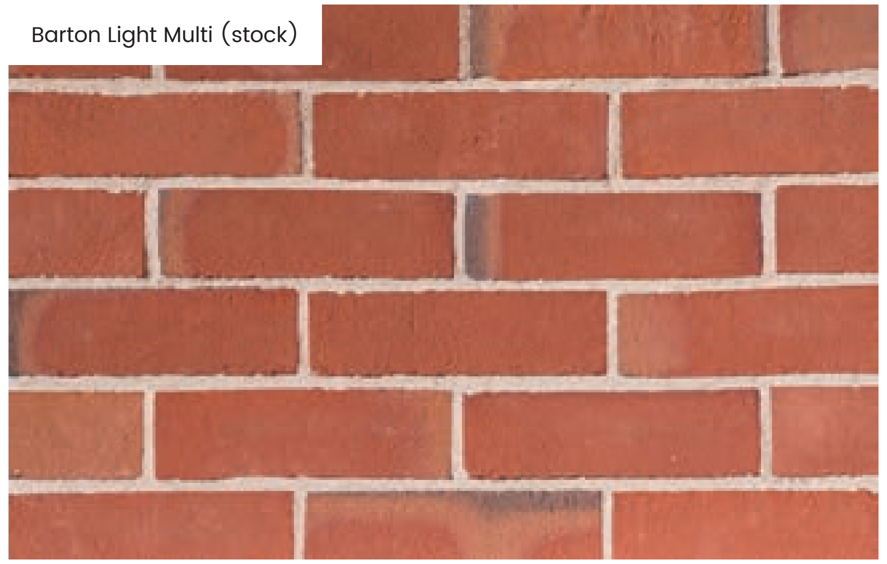

Cadeby Red Multi (wirecut)


Grove Orange Multi (stock)

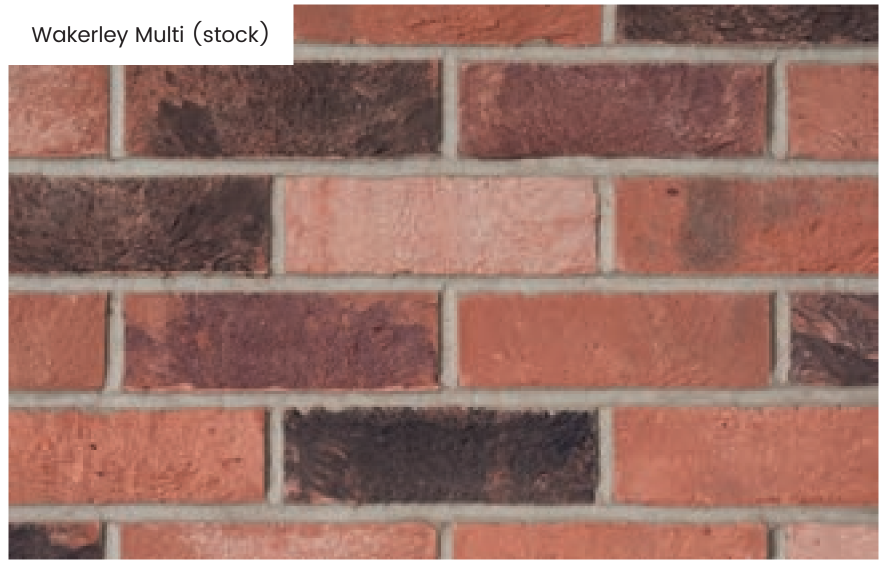

Bamford Blend (stock)


Oakmoor Orange (wirecut)


Irish Rose (stock)


Barton Light Multi (stock)

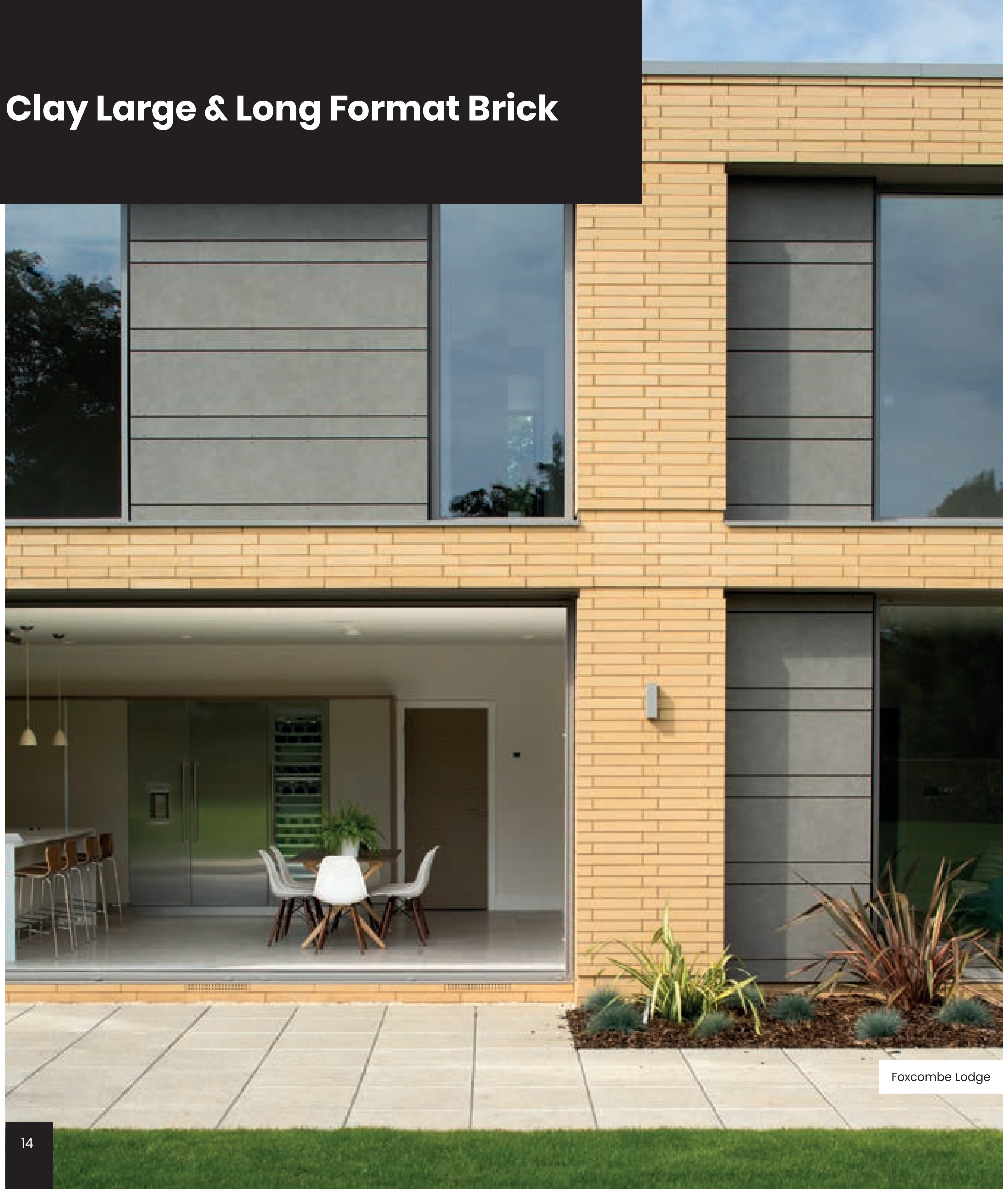

Tatham Red Multi (wirecut)


Wakerley Multi (stock)

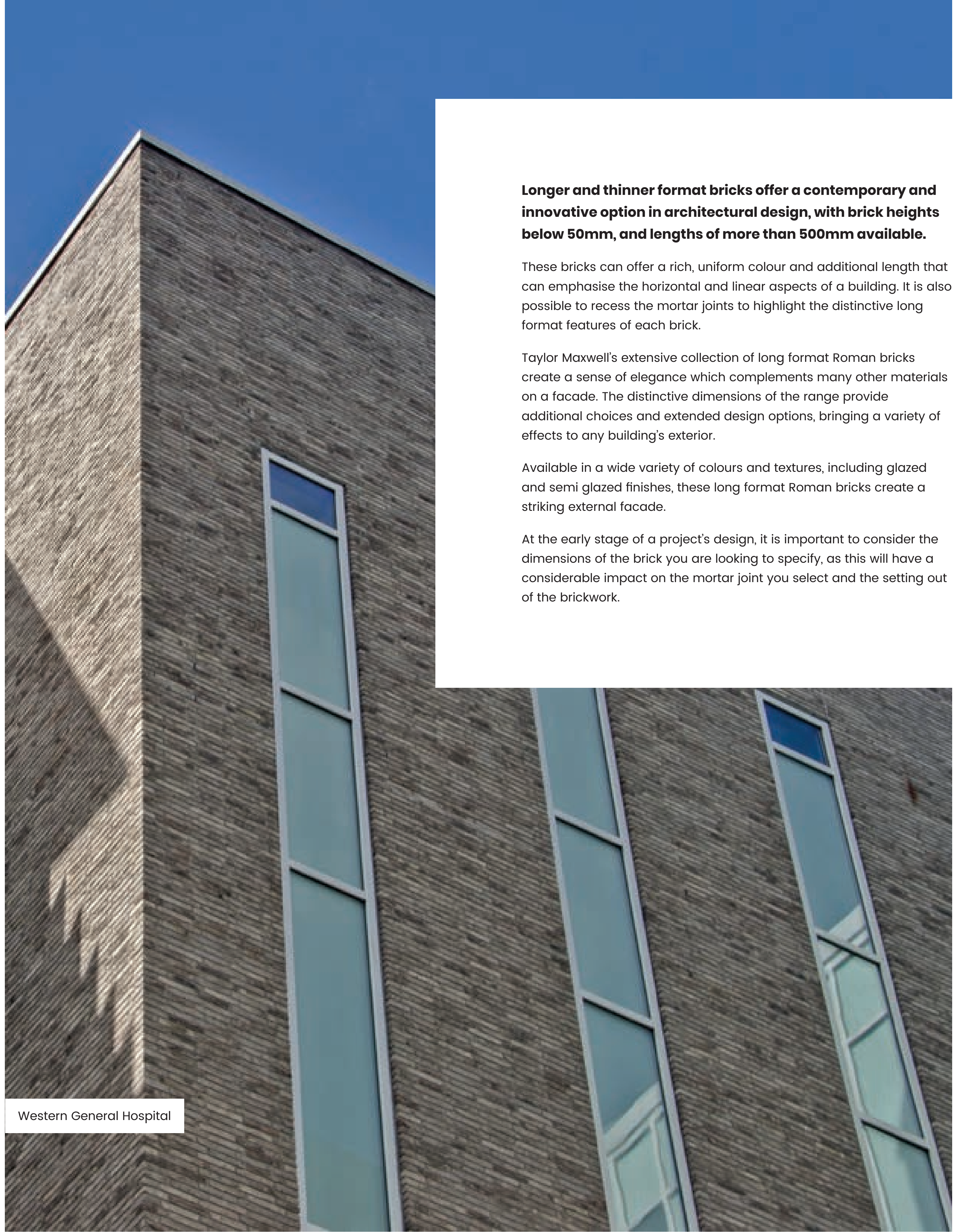

Ewell Grove Primary School

Bricks are ideal for use in almost all built environments and offer a permanence that few other materials can match. Clay bricks will weather naturally over time and do not require routine maintenance or redecoration.

Clay Large & Long Format Brick



Foxcombe Lodge



Western General Hospital

Longer and thinner format bricks offer a contemporary and innovative option in architectural design, with brick heights below 50mm, and lengths of more than 500mm available.

These bricks can offer a rich, uniform colour and additional length that can emphasise the horizontal and linear aspects of a building. It is also possible to recess the mortar joints to highlight the distinctive long format features of each brick.

Taylor Maxwell's extensive collection of long format Roman bricks create a sense of elegance which complements many other materials on a facade. The distinctive dimensions of the range provide additional choices and extended design options, bringing a variety of effects to any building's exterior.

Available in a wide variety of colours and textures, including glazed and semi glazed finishes, these long format Roman bricks create a striking external facade.

At the early stage of a project's design, it is important to consider the dimensions of the brick you are looking to specify, as this will have a considerable impact on the mortar joint you select and the setting out of the brickwork.

Special Shaped Brick

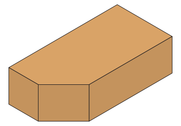
Great Eastern Quays

Special shaped bricks are the unique design elements that can knit brickwork together. They provide architects and designers with the tools to help renovate or restore the historic features of our architectural heritage, or the freedom to create unique buildings and provide endless design solutions for the future.

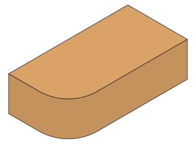
These brick specials can be incorporated into your development to provide either a practical function, or to simply enhance the aesthetic appeal of your project to showcase its individuality.

Taylor Maxwell provide an extensive range of British Standard, non-standard and tailor made special shaped bricks. This range of special shapes include plinth, dog legs, bullnose, cant and squint bricks. Special shapes may be frogged, perforated or solid. Perforation patterns may vary for any particular special shape. These are available in cut and bonded, or refaced finishes to enhance the external appearance of your project.

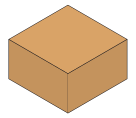
The drawings below are for illustrative purposes only and are not representative of the products actual dimensions.



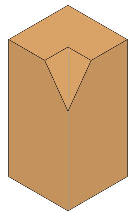
Angle and Cant



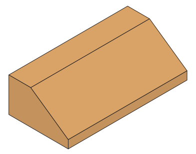
Bullnose



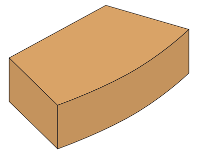
Bonding



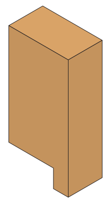
Soldier



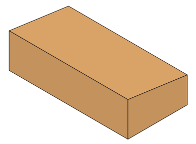
Plinth



Radial



Pistol



Arch

Manufacture

There are two ways of creating brick specials for your project, the first is to have them purpose made in the factory to the size and specification required. The second is to have the brick produced by cutting and bonding together followed by re-facing of the joint to appear seamless.

This cutting and bonding process generally offers shorter lead in times than the purpose made specials and are usually accepted as alternatives. They are often deemed to be the best option as the cut and bond bricks match the standard bricks perfectly, avoiding any texture or colour issues.

Using an extensive range of brick specials can enhance the appearance of a completed building to provide a striking effect. Design and technical advice is available from Taylor Maxwell's network of regional offices.

Curtain Hotel

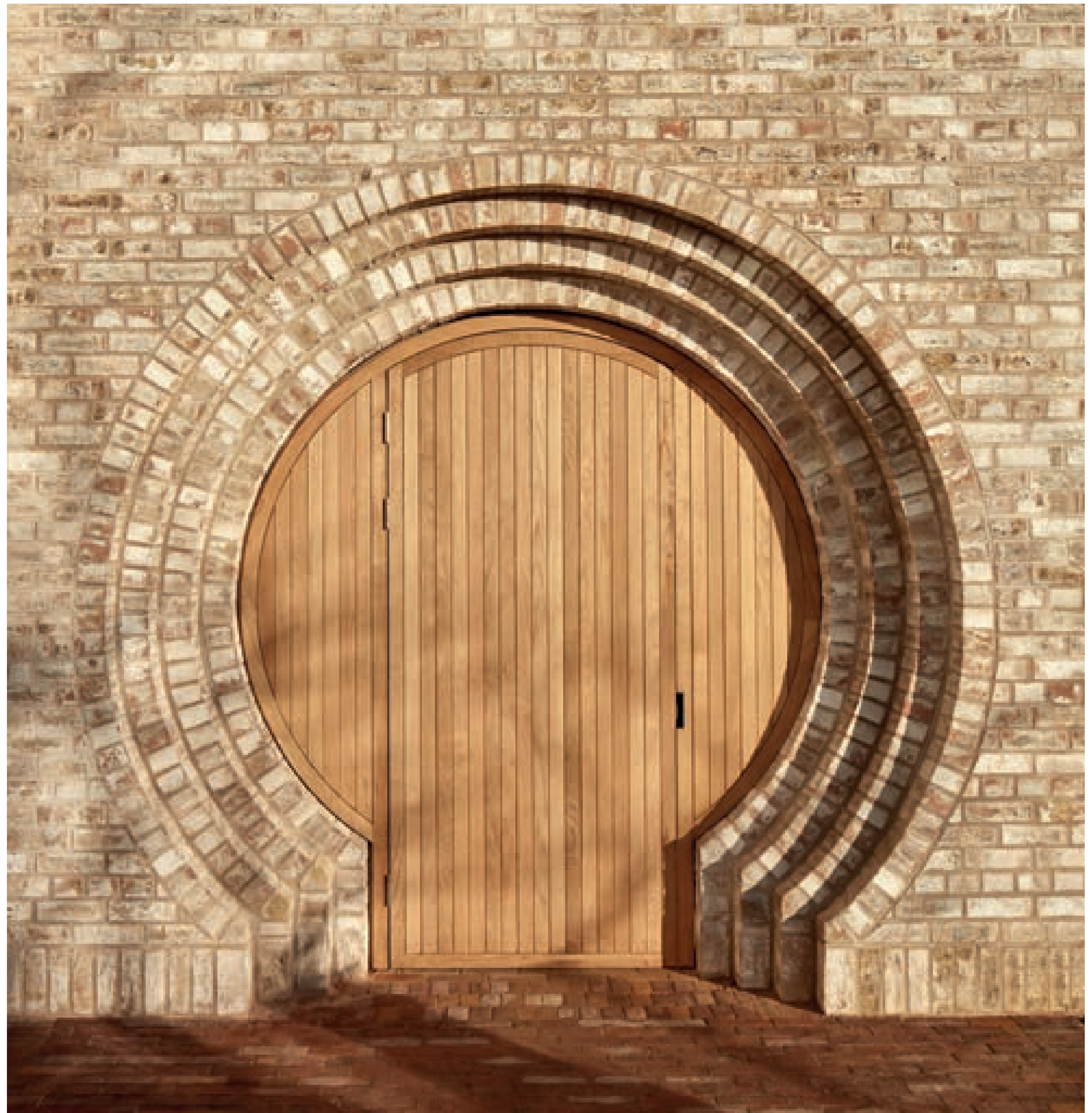
Storey's Field

Facing brick and prefabricated brick lintels

Storey's Field Community Centre & Nursery is an impressive landmark for the newly created community of Eddington in North West Cambridge.

A joint venture by the University of Cambridge and Cambridge City Council, Storey's Field Centre has been strategically designed by London based McInnes Usher McKnight Architects (MUMA). Their ambitious aspirations were to provide a public building of the highest-calibre, with a range of flexible spaces that will cater for a variety of uses, serving both the new community and the wider Cambridge public.

The 100-place nursery building has been arranged around three sides of a landscaped courtyard that provides an extensive but secure play space, with the fourth side forming the community centre. Each elevation of the scheme has been composed carefully by the architects with thoughtful inclusions such as the primary coloured niched windows in geometric shapes for the nursery children, as well as playful pinhole windows that mark the star constellations of Aquarius and Gemini.



Working in close partnership with the architects at MUMA, Taylor Maxwell assisted with the specification and delivery of the traditional facings and special shaped bricks, as well as the precast brick elements required for this important civic structure.

Following extensive consultation, including a tour of the manufacturing factory in Holland, a European stock brick was selected that could achieve the architect's pre-requisite that all of the special shaped bricks required for the intricate facade details could be manufactured as a purpose made element. This would contribute to the high-calibre finish of the brickwork as outlined in the project's original design concept.

Deep, precast brick soffits were manufactured offsite and supplied to create the sheltered thresholds to the building's entrances.

The facing brick facade, built by subcontractor Anglian Brickwork, provides a rich sense of tactility to the building, not only in its engaging colouring, but also from the way in which it has been used.

Bands of vertical stretcher bond brickwork span each entrance and extend around the building to the main hall of the community centre where this is developed as an irregular 'strata' of stretcher and soldier course bonds. A vertical ridged patterning of brickwork projects from the facade adds appeal, and at high level a band of Flemish bond brickwork with a combination of projecting, recessed and missing headers gives texture to the facade while also integrating the passive air extract route at the east and west ends of the hall. The striking detail of the brickwork is continued internally, inside the main hall of the community centre, serving as not only a visually pleasing elevation but also contributing to the softening of the acoustics of the tall room.

As part of AECOM's masterplan for the new community of Eddington to address connectivity, community, and environmental sustainability, it was important that to work closely with local businesses to support the new project. Therefore, in collaboration with a local merchant we coordinated the larger deliveries of facing bricks to their local yards who then delivered to the North West Cambridge site in smaller quantities, lessening the impact of traffic in the area and complying with the local site restrictions.

The community centre at Storey's Field (a milestone in the masterplan for the new community of Eddington) has been received with exceptional support and has already been shortlisted for a number of prestigious awards including the RIBA 2018 Regional Award for the East.

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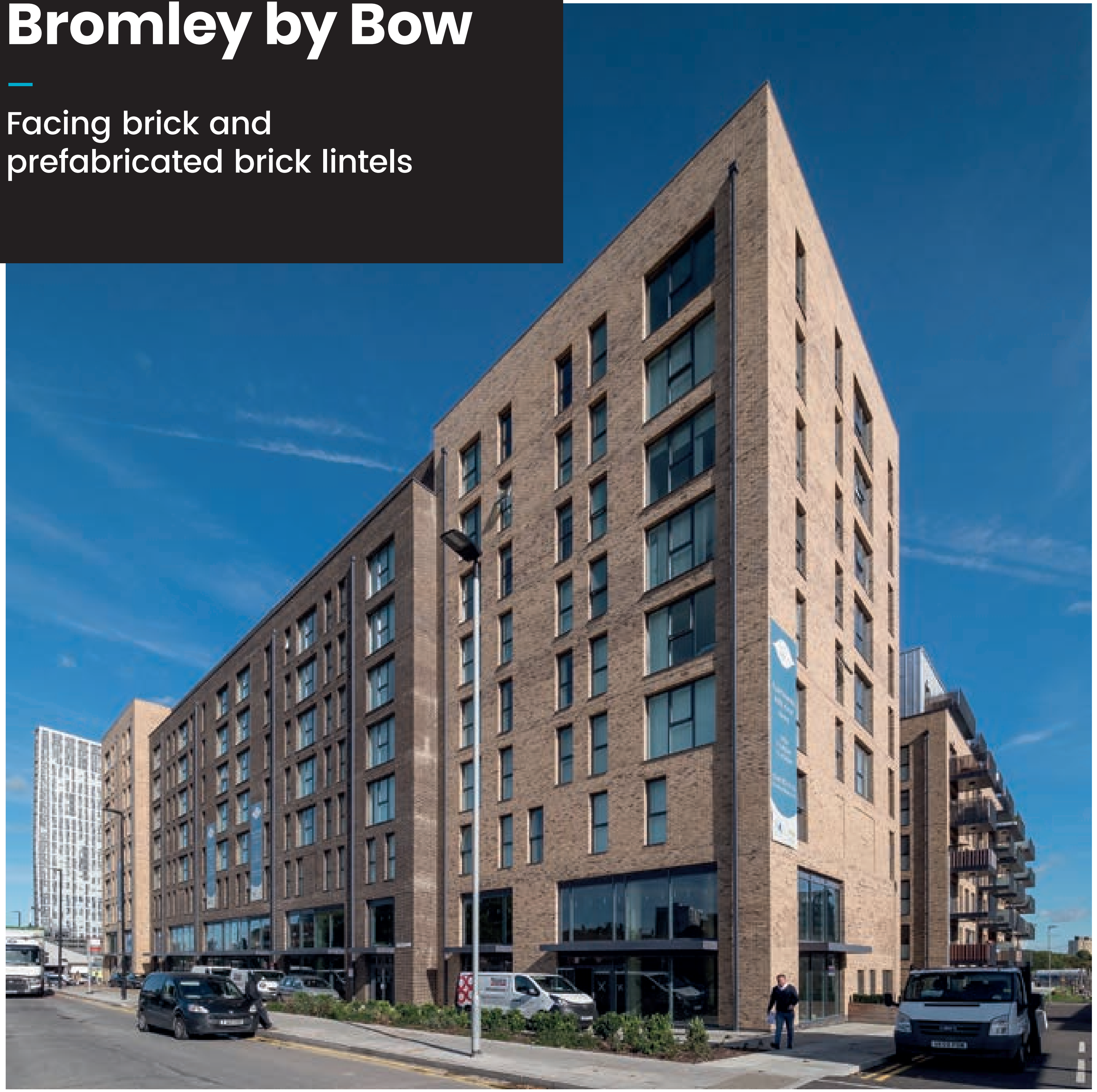
Bromley by Bow

Facing brick and prefabricated brick lintels



Bromley by Bow is a brand-new London development by Higgins Construction comprising of residential units and 10,000 sq. ft. of commercial space and public walkways located on the southern fringes of the Olympic Park. A key challenge of this development has been the special consideration to the Grade II listed House Mill, within the East London heritage landmark at Three Mills, home to the world's oldest tidal mill.

The 219 new homes have been designed for clients Southern Spaces and Southern Housing Group, with a Victorian warehouse aesthetic that reflects the area's industrial heritage and compliments the existing character and appearance of the area. Set on the peaceful banks of the River Lea, this striking new collection of buildings, punctuated by landscaped modern courtyards and open spaces, take their inspiration from Bow's former Victorian past and culminates in an aesthetically planned and easily maintained village. A new urban setting of modern and classic inspiration has been created with new architecture and apartments that are an instant and natural fit with the neighbourhood.

From Victorian and Georgian streets, to former factories and warehouses, Bow River Village reflects its rich history in the use of traditional brickwork that evoke the buildings of its industrial past, whilst sleek glass balconies, zinc-cladding and contemporary landscaping employ a rich palette of modern materials that are beautiful and practical.

Faced with real brick slips specially cut from the main brickwork batch, and permanently precision bonded to the required pattern, the prefabricated units are fixed back directly to the shelf angle. Using vertical and horizontal adjustment built into the system, the units are perfectly aligned and matched to the main facade brickwork. Due to the brick slips having been cut from the same batch as the main brickwork, they present a perfect colour and texture match for flawless transitions and consistency.

The brick-faced units are designed and prefabricated offsite to suit different soffit dimensions, even modern deep soffits such as those above the upper storey stairwells, meaning there is no on-site cutting required. The units are simply offered up to the pre-fixed and pre-drilled support system and bolted into position using T-head bolts.

Using this lightweight, high-strength, stainless-steel lintel system offered the contractors a solution that resulted in easier handling coupled with maximum adjustability, for quick and simple alignment on site. As mechanical lifting equipment was not required, the contractor was able to install the units in around one tenth of the time of traditional heavyweight precast concrete alternatives.

Following the success of phase one, Higgins Construction PLC has been appointed by Southern Housing Group to design and build phase two of the construction of a further 112 new homes at Bromley by Bow, East London.

For more information, samples or to speak to one of our technical specialists, please call **0203 794 9377** or email enquiries@taylor.maxwell.co.uk