

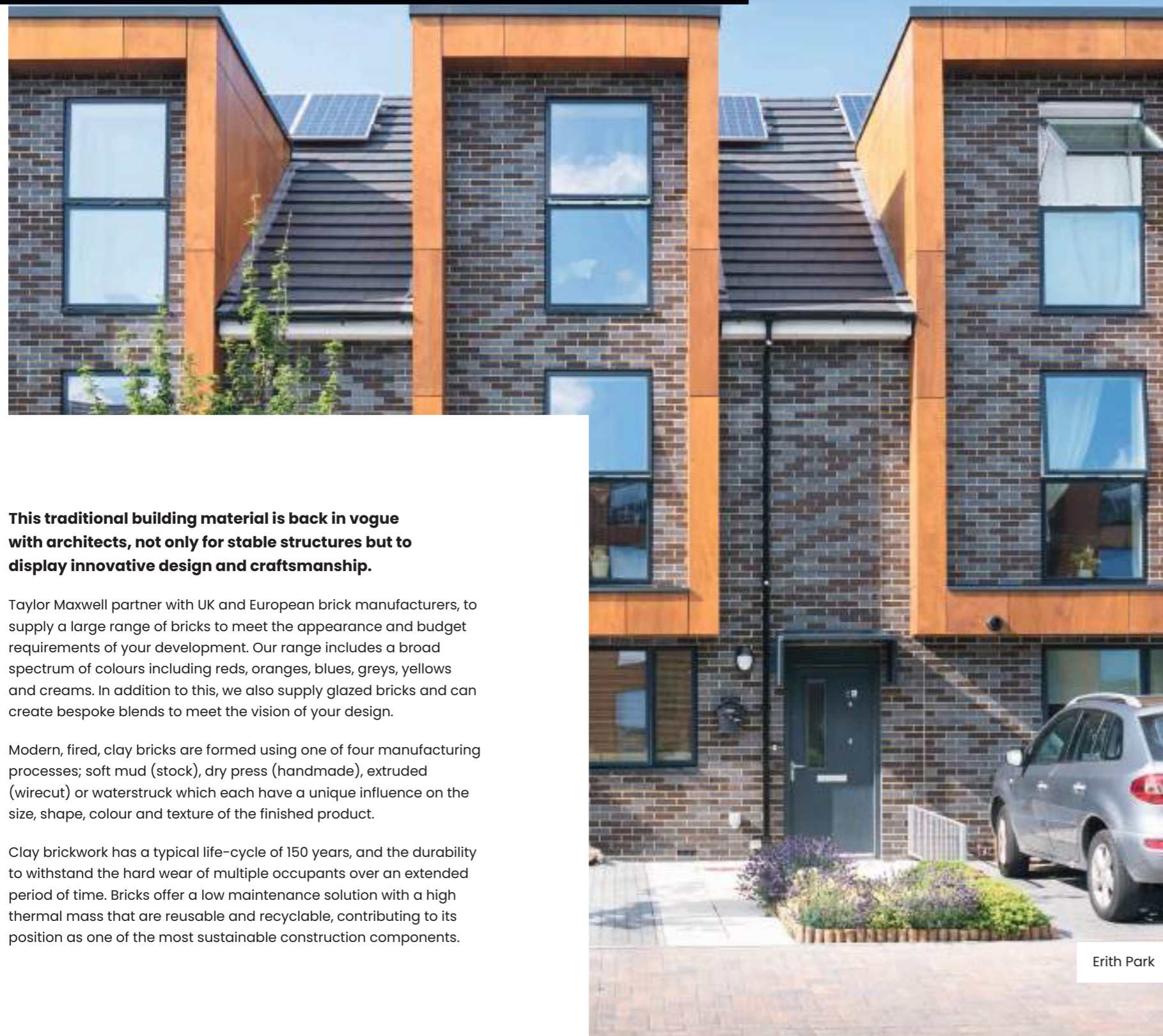
TAYLOR MAXWELL

Brick

Facing bricks, special shaped bricks and our solus range

taylormaxwell.co.uk

Facing Bricks & Brick Matching



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.

Erith Park

Brick Matching Service

With specialists based in 14 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 taylor-maxwell.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



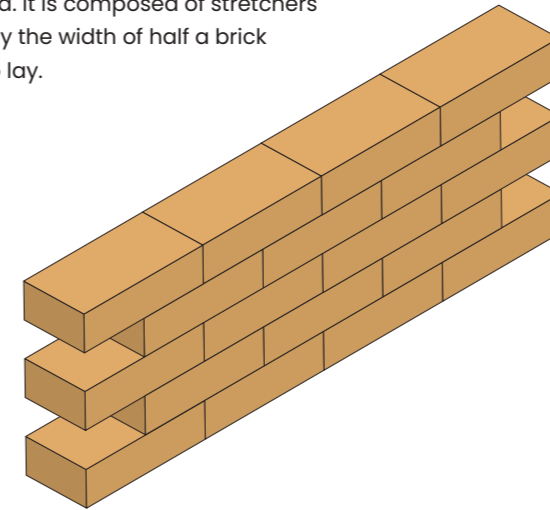


Ivydale School

Bond Patterns

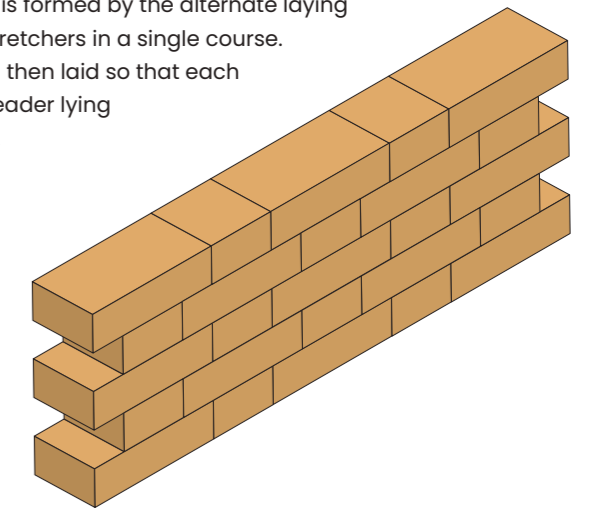
Stretcher Bond (Modern)

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.



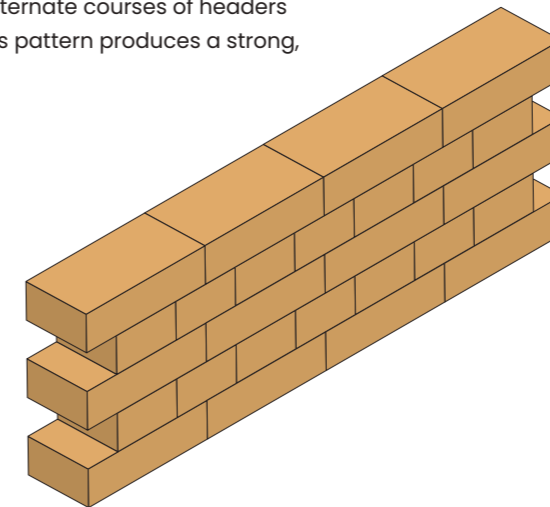
Flemish Bond

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.



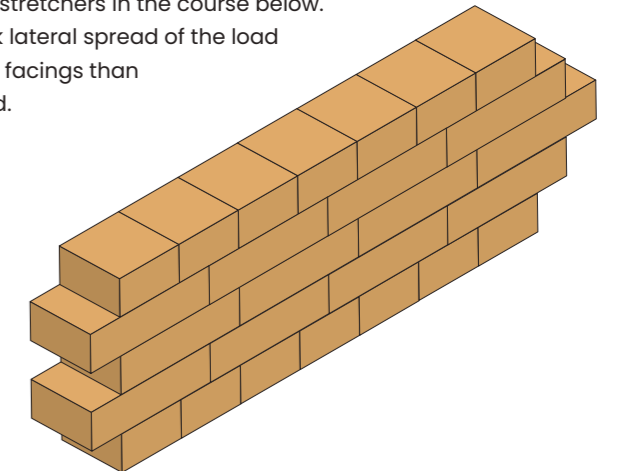
English Bond

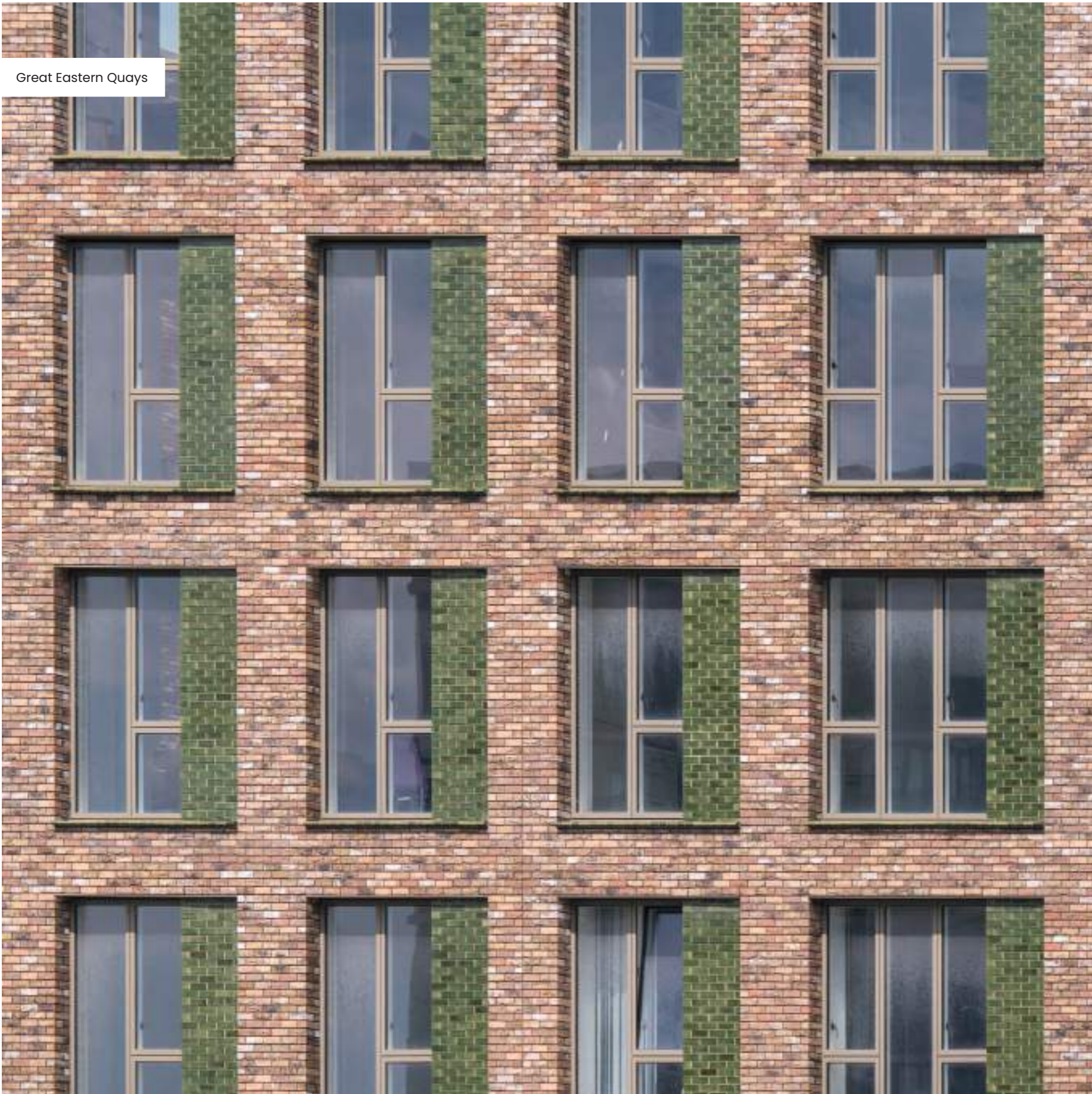
This is one of the oldest known brick bond patterns. Bricks are laid in alternate courses of headers and stretchers. This pattern produces a strong, solid wall.



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

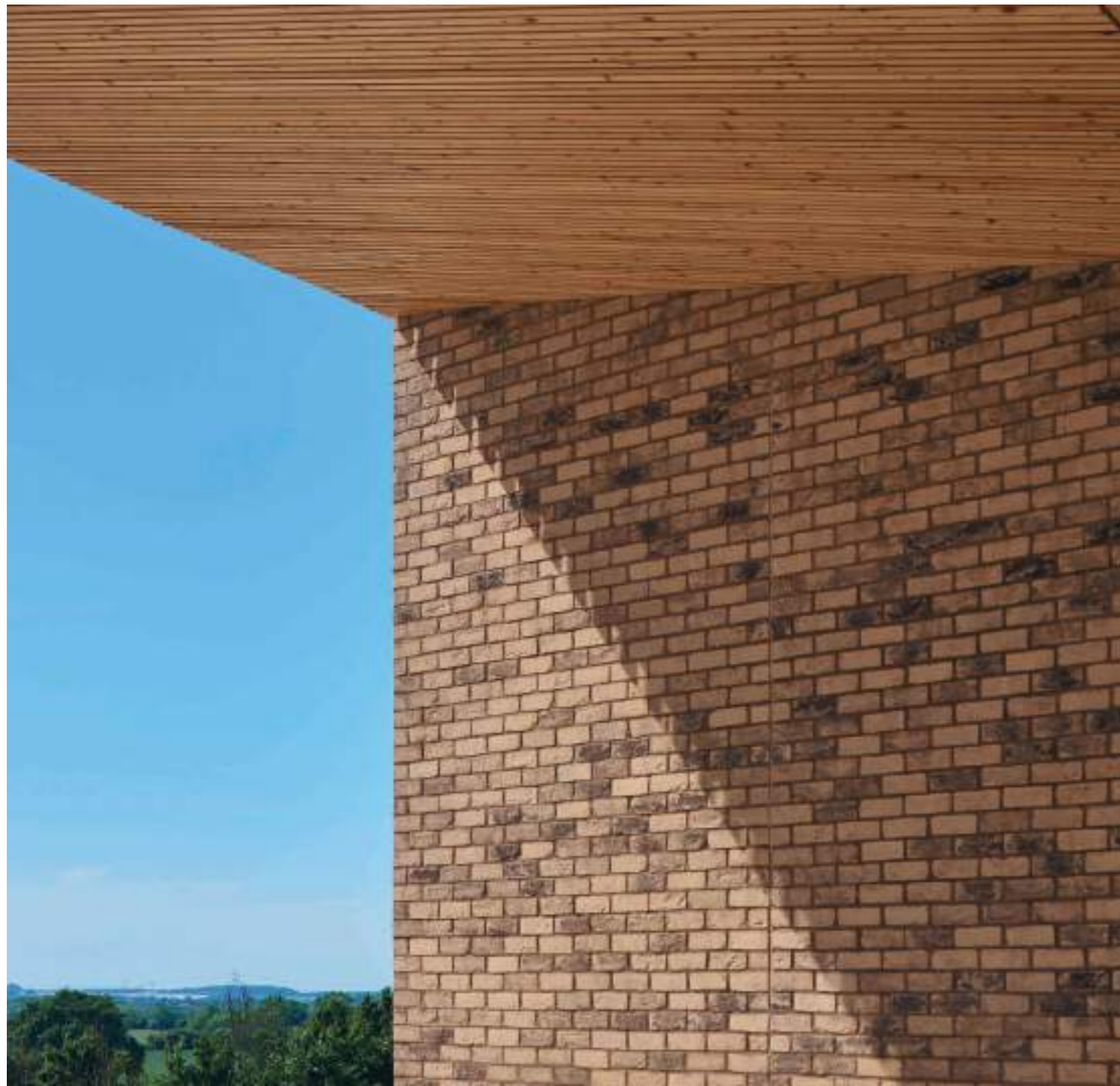
Metric bricks are smaller than the old imperial ones. Where required, new bricks can be bonded into old brickwork by slightly increasing the mortar bed joint.

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



Lea Fields Crematorium

The Solus Range – Exclusive to Taylor Maxwell

The Solus 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.

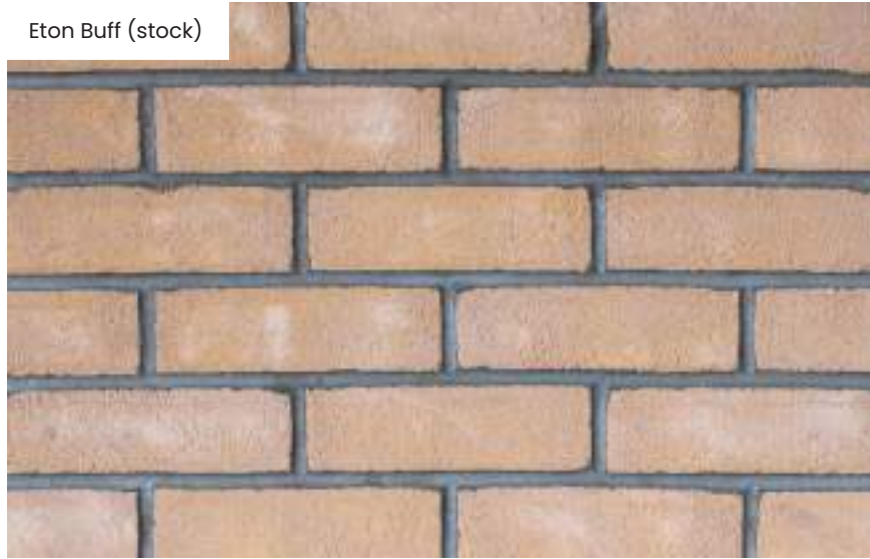
These bricks are particularly ideal for both private and social housing developments and will seamlessly interface with our wider range of external facade materials.

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

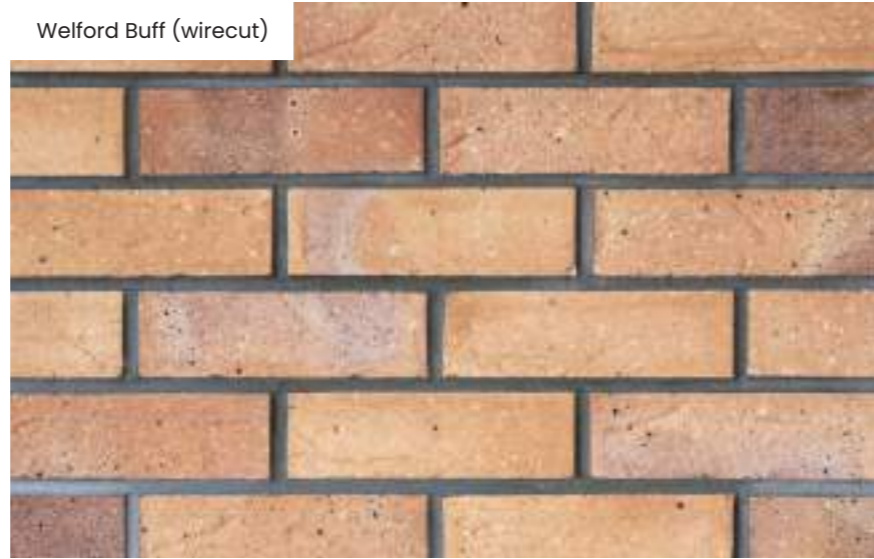
Muswell Hill



Eton Buff (stock)



Welford Buff (wirecut)



Cottingham Yellow Multi (tumbled stock)



Oakmoor Cream (wirecut)



Bower buff Multi (tumbled stock)



Carsington Cream (stock)



Gormley Grey (tumbled stock)



Waterhouse Red Multi (tumbled stock)



Westminster Yellow (stock)



Hawsmoor Yellow Multi (tumbled stock)



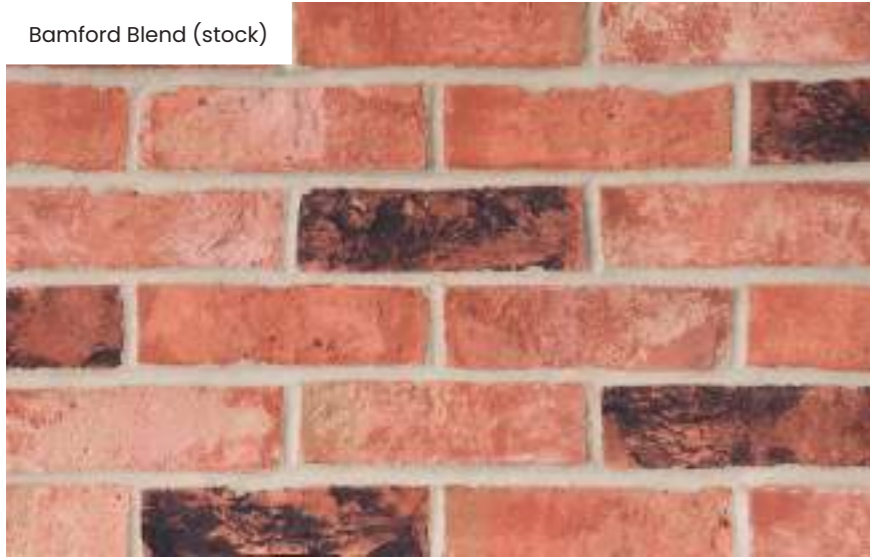
Cadeby Red Multi (wirecut)



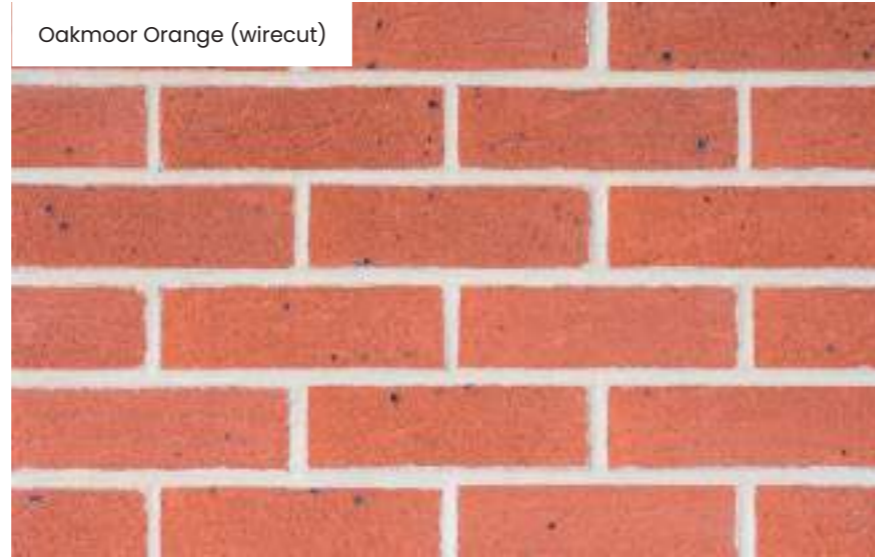
Grove Orange Multi (stock)



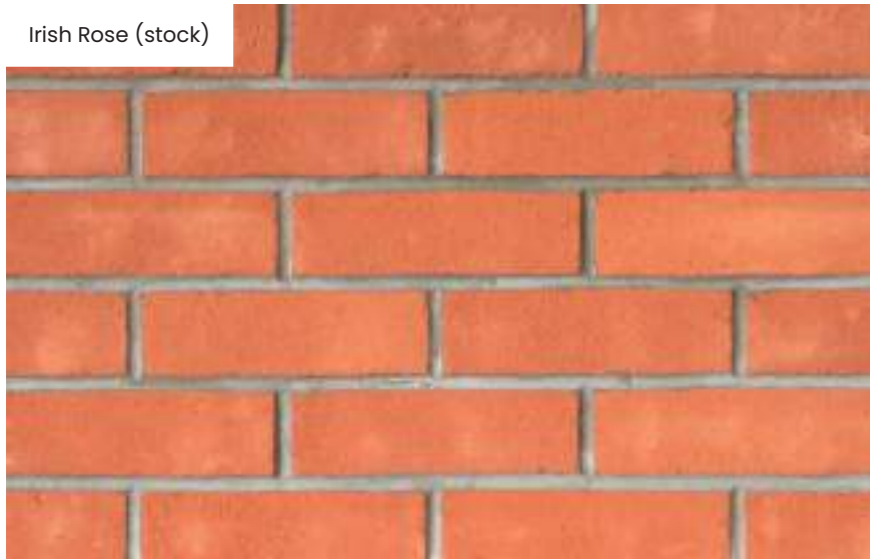
Bamford Blend (stock)



Oakmoor Orange (wirecut)



Irish Rose (stock)



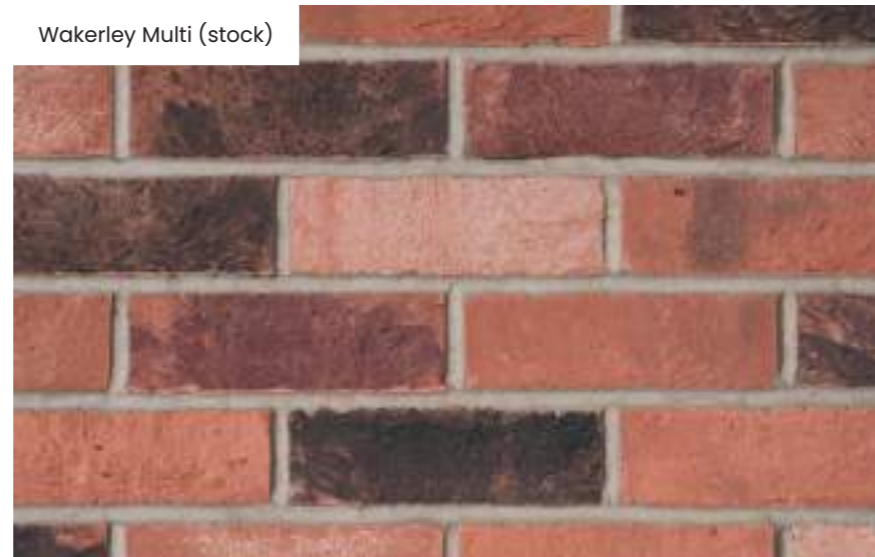
Barton Light Multi (stock)



Tatham Red Multi (wirecut)



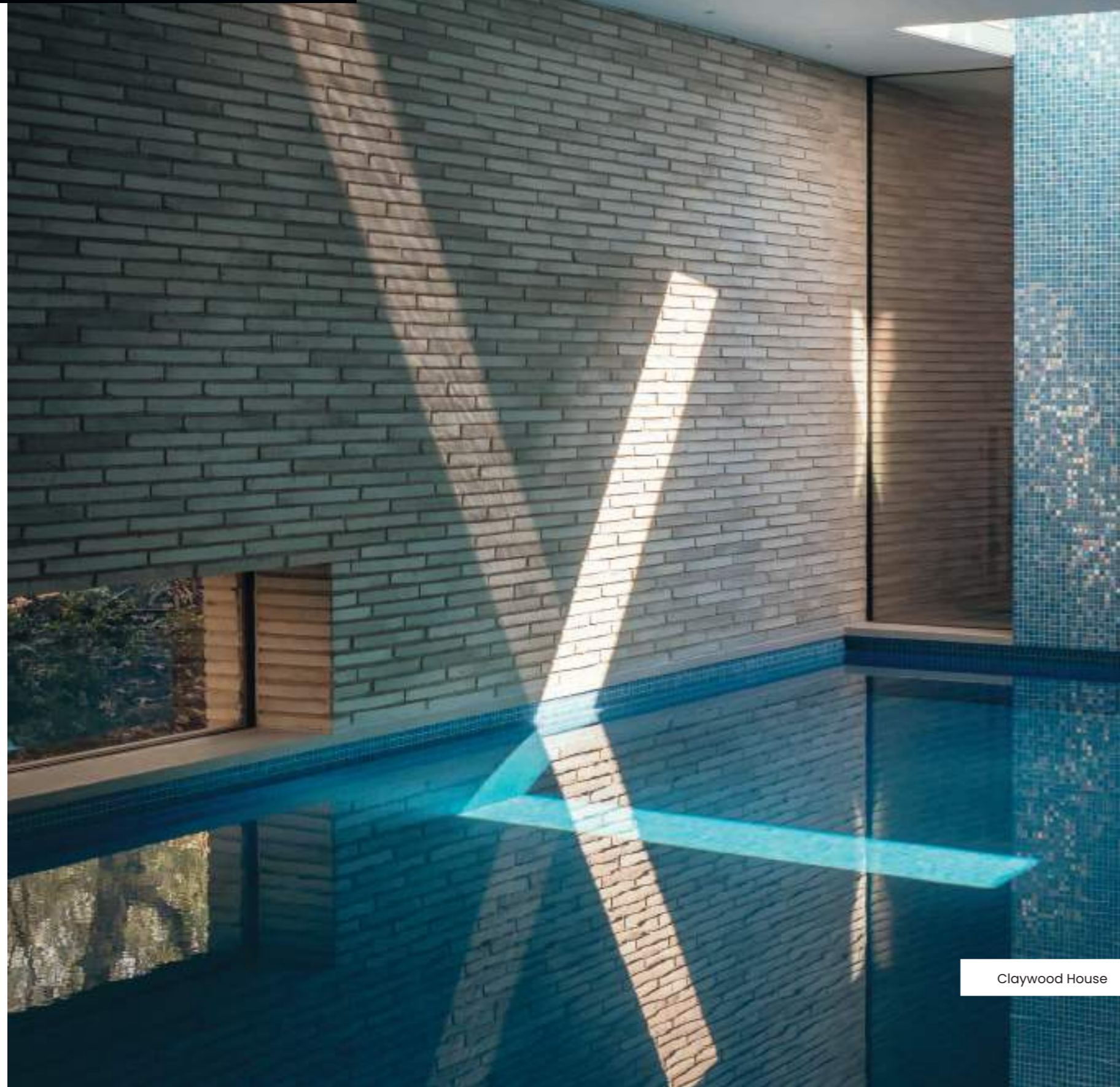
Wakerley Multi (stock)



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.

Linear Bricks



Claywood House



80 Charlotte Street

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.

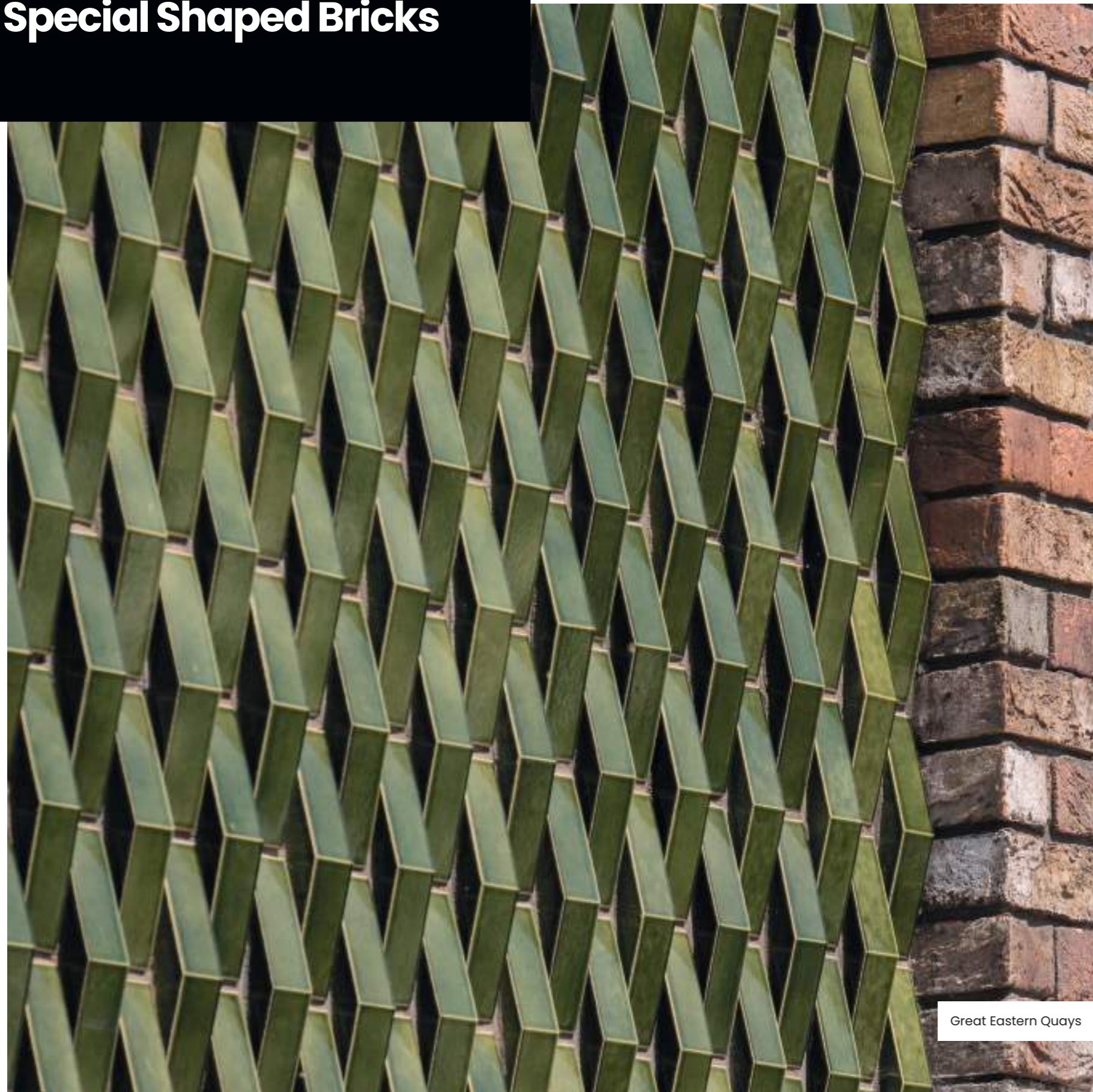
These bricks can offer a rich, uniform colour and additional length that can emphasise the horizontal and linear aspects of a building. It is also possible to recess the mortar joints to highlight the distinctive long format features of each brick.

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 Bricks

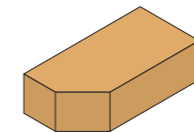


Special shaped bricks are the unique design elements that can knit brickwork together. They provide architects and designers with the tools to help renovate or restore the historic features of our architectural heritage, or the freedom to create unique buildings and provide endless design solutions for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

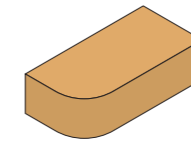
These brick specials can be incorporated into your development to provide either a practical function, or to simply enhance the aesthetic appeal of your project to showcase its individuality.

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.

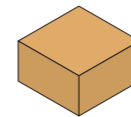
The drawings below are for illustrative purposes only and are not representative of the products actual dimensions.



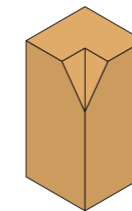
Angle and Cant



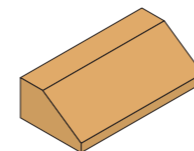
Bullnose



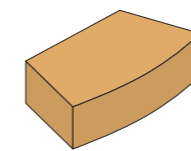
Bonding



Soldier



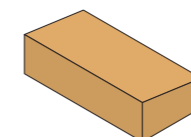
Plinth



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 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.



Collaborative Teaching Lab

Linear bricks



The Collaborative Teaching Lab is a new £40 million state-of-the-art facility, set to transform the delivery of science, technology and maths (STEM) education at the University of Birmingham.

The completion of this project is a key milestone in the university's pledge to invest nearly £500 million in its campus in Edgbaston and serves as a pioneering exemplar across the education sector.

The architecture of the Collaborative Teaching Lab not only supports and improves the delivery of STEM research and courses but has also facilitated the collaboration and convergence of subject departments which have previously operated independently of one another.

The Collaborative Teaching Lab needed to be carefully designed by **Sheppard Robson** architects in response to a complex brief.

The three-storey, 72,120sq ft project is composed primarily of a robust brick structure with the main entrance of the building characterised by an angled aluminium brise soleil.

One of the key factors for consideration for the architect was to work with the various university departments involved in order to ensure that the building worked for all. It is clear that the solution was successful as the university has already witnessed a cross-fertilisation of ideas between departments, an environment which encourages the propagation of co-innovation.

Another vital aspect of the scheme was to maximise its efficiency and sustainability because the building will have such high energy usage throughout its lifetime. The project was awarded a BREEAM Excellent standard and an EPC A Rating for efficiency. These were achieved through a series of integrated design decisions including heat recovery, increased airtightness, photo voltaic panels as well as linking to the main university's district Combined Heat and Power (CHP) system.

Taylor Maxwell worked in partnership with main contractor **Morgan Sindall** to specify and supply the facing brickwork to the Collaborative Teaching Lab project. The architect selected a long format, grey-coloured brick as it offers a rich, uniform colour and the additional length of the brick emphasises the linear and horizontal aspects of the building.

Long format bricks offer an innovative and contemporary option in architectural design and have become an increasingly popular construction material, bringing brick to the forefront of the construction industry and back in vogue with architects.

The building has been meticulously planned and the construction materials were selected carefully in order to minimise maintenance and prolong life expectancy. Based on this brief, traditional brickwork was selected as it offers a permanence that few other construction materials can match, as clay bricks weather naturally over time and don't require regular maintenance or redecoration.



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An excellent example of demonstrating the value of an architect on a scheme, moving beyond just the building, to working with the client in developing the programme for the building and re-imagining their teaching approach and then providing the physical environment to enable that.

—
RIBA

Storey's Field

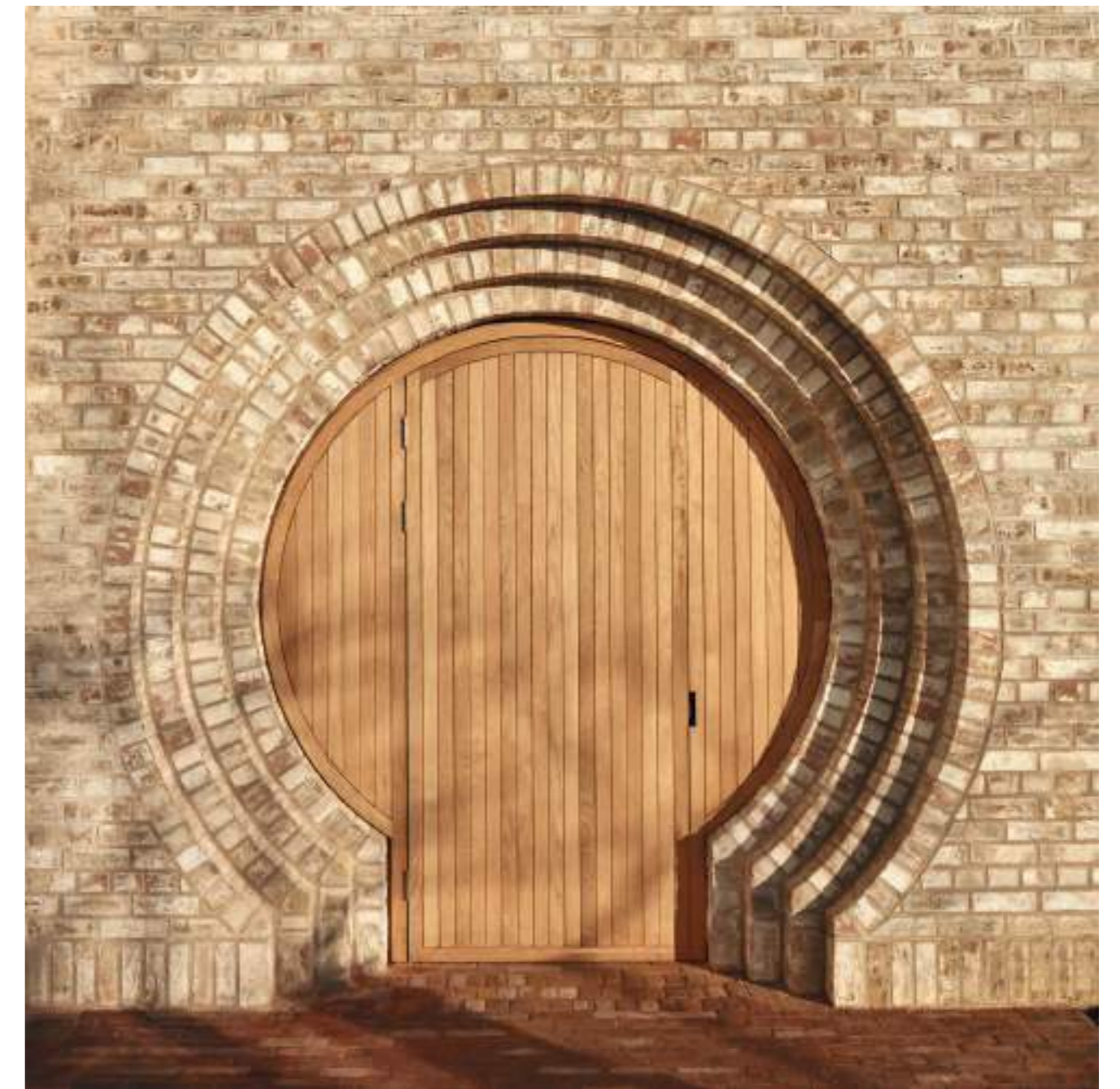
Facing bricks and prefabricated brick lintels



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.

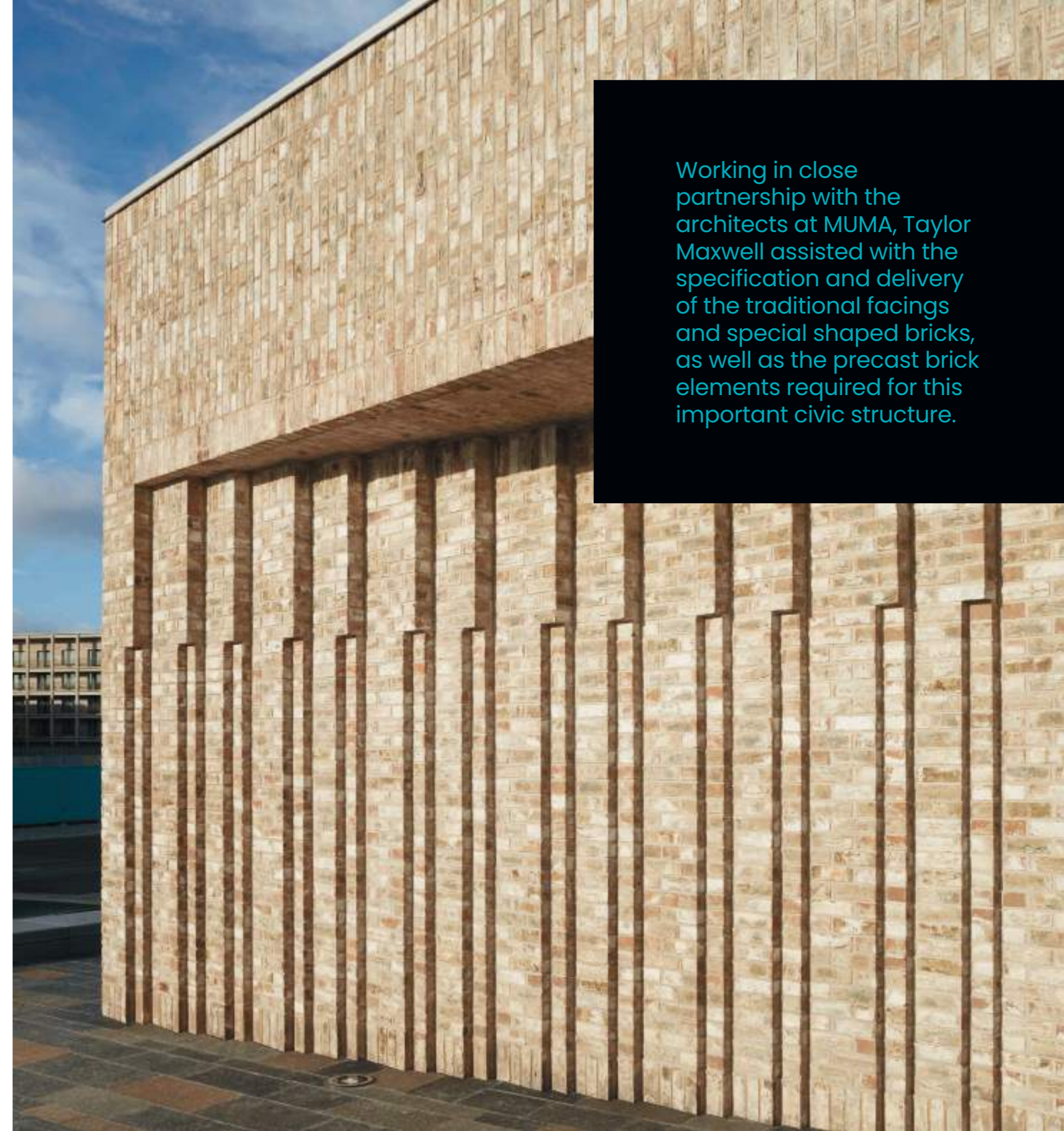
Deep, precast brick soffits were manufactured offsite and supplied to create the sheltered thresholds to the building's entrances.

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 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.

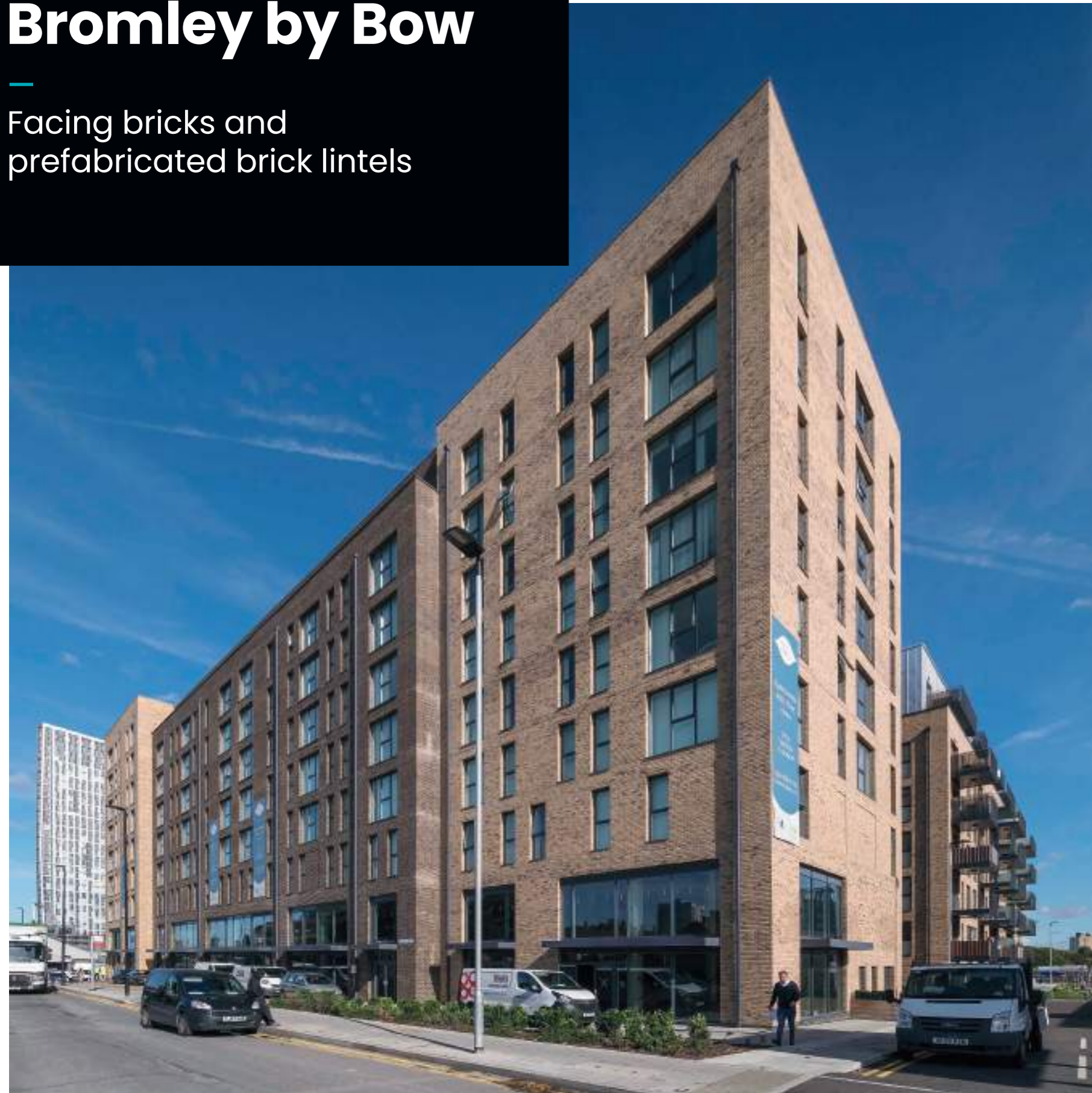
The community centre at Storey's Field (a milestone in the masterplan for the new community of Eddington) has been received with exceptional support and has already been shortlisted for a number of prestigious awards including the RIBA 2018 Regional Award for the East.



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.

Bromley by Bow

Facing bricks 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.



Higgins

The Department Store Studios

Facing bricks



The Department Store Studios is an exciting new addition to Squire & Partner's existing Brixton office, providing a modern open co-working space, neighbourhood bar, restaurant and screening room. Developed and designed by the architectural firm itself, this project is a masterclass in sustainability centred architecture and modern workspace design.

Squire & Partners have developed The Department Store Studios as one of London's first 'hyper local' professional workspaces, updating the derelict annexes, originally constructed in the 1970s, into a space for local creative professionals to co-exist, collaborate and showcase.

Subcontractors, **Lyons and Annett** installed a bespoke blend of three red bricks, the unique textured arrangement produces a rhythm of snap headers that strike a crisp contrast against the white mortar and smooth stone lintels.

This £7.9m project acts as a modern reflection to the existing Edwardian architecture of its sibling building, The Department Store, originally built in 1906, which was purchased by Squire & Partners in 2007. The design focuses on patterned brickwork and faceted bay windows in a contemporary re-imagination of the existing styles on Bellefield's road.

At the forefront of the project's development was a highly sustainable agenda. The presence of a 120 sqm green roof and planted terraces promotes increased biodiversity, while the use of 28 photovoltaic panels means renewable energy can be used on site. Within the build, the use of mass timber in the primary structure of the building was a conscious decision to reduce the project's overall environmental impact.

Squire & Partners put cultural sustainability as a top priority, as well as environmental, through the incorporation of local entrepreneur events to generate collaboration with new and existing local professionals. These key focuses make the development an essential part of Bellefields Road's community and the creative future of Brixton.

Taylor Maxwell worked with Squire & Partners to produce the perfect blend of rustic red tones to complement the Edwardian style. The decision to frequently alternate projected snap headers is rarely done and provides both unique visual aesthetics and crucial structure to the brickwork. This was an essential design element regarding stability, as instead of having a cavity, a traditional construction approach was taken.

Internally, a similar traditional approach was taken but instead using tradesman brick to replicate the historic brickwork and retain the traditional appearance, yet also provide the modern durability and reliability of new brick. Black bullnose engineering bricks line the ground floor to provide visual consistency with the neighbouring building.

Squire & Partners have designed and constructed a thoughtful and visually stunning addition to The Department Store, which now carries its own architectural identity.



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The project's main intention was to create a building that would house a collaborative culture between the firm's employees and other creatives based in the area.

—
Tim Gles, Squire & Partners

Riverside House, Salford

Facing bricks



Part of the £650m New Bailey Masterplan, Riverside House in Salford is a four-storey office building that has undergone an extensive redevelopment. Believed to have originally been built between 1860 and 1900, the Grade II-listed building

located on the River Irwell was acquired by client, The English Cities Fund. This joint venture between Homes England, Legal & General and Muse Developments strives to bring together investment and regeneration expertise to shape the UK's towns and cities for the future. Alford Hall Monaghan Morris (AHMM) architects were enlisted to design the refurbishment, which included the restoration of the 19th century brick facade and the construction of a new CAT A office building adjacent to the existing structure.

The existing building is a great example of Victorian Gothic architecture, previously operating as a Royal Veteran Tavern before it fell into a state of disrepair and dilapidation. Considerable care was taken to restore the historic features of the existing facade, whilst the interior, which was failing structurally, required a complete removal and upgrade. The connected new structure was cleverly designed to blend harmoniously, incorporating period features such as large window arches, but with a contemporary twist in the use of more modern materials and colour palette.

Taylor Maxwell worked with architects AHMM and main contractors Bardsley Construction to specify and supply a buff coloured facing brick for the new building. This brick was selected as it helped to give the development a contemporary feel, while creating a striking contrast to the red bricks used on the original building. The finish of the brick allowed for different colours and textures to be incorporated into the facade, whilst retaining the effect of a traditional clay brick.

The finished development provides over 11,000sqm of office space with a food retailer and riverside terrace located on the ground floor. The ground floor suite has a dedicated entrance and south facing courtyard overlooking the River Irwell and Spinningfields. The third floor is set back, allowing for a generous external terrace which serves as a lunchtime amenity and informal function space for offices based on the third floor. The building also offers lockers, shower facilities and cycle storage, all of which encourage people working within the building to cycle to work. An intelligent lighting control system and chilled beam cooling system contribute towards the sustainability of the building and the BREEAM Excellent award that it achieved.



Lea Fields Crematorium

Facing bricks – Solus Range



Haverstock architects have designed the award-winning, Lea Fields Crematorium, to provide an elegantly thoughtful space for memorial and respectful ancillary facilities. The project has been widely recognised for its success through being on the shortlist for numerous construction awards, including winning both the Architects Choice Award at the Brick Awards 2021 and the Civic Trust Award (2021).

The £6m project was managed by Willmott Dixon, whom Taylor Maxwell worked with to specify and supply our exclusive Carsington Cream, Select Range facing bricks which were then expertly installed by Phoenix Brickwork (UK) Ltd.

The crematorium has a single chapel for seating 100 people and 50 standing. In the wider site there is a new memorial facility, known as Remembrance Court, which features the Book of Remembrance and Flowers Room.

There was one main priority for the build, and that was that the groups of mourners did not mix upon entering or leaving the site. Therefore, great consideration was taken to the structure and flow of the crossover roads and pedestrian routes within the landscape.

The new-build benefits from the addition of formal and informal landscape gardens, which produce a border of serenity to surround the warm and calming tones of the building itself. The brick colour incorporates an 'earthy' palette, of calming cream tones, with the addition of timber and bronze framed window panels to complete a building which perfectly represents the peaceful and neutral memorial space offered.

Upon its completion, the project has deservedly been recognised by the Brick awards, Civic Trust, AJ Architecture, LABC Building excellence and SPACES Yearbook for its contribution to the civil architecture sector. The build masterfully illustrates the result of thoughtful architectural application to produce a place of peaceful commemoration.





TAYLOR MAXWELL

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