



europeanbuildingmaterials

INNOVATION

We'll Help You Find The Best Materials For Your Building Project.

WITHIN THE RICHNESS AND DIVERSITY OF OUR SPECIALLY SELECTED RANGES, YOU ARE SURE TO FIND SOMETHING REALLY INSPIRATIONAL. WE HAVE SUPPLIED BRICKS TO MANY AWARD-WINNING PROJECTS INCLUDING RECENT STIRLING PRIZE WINNERS AND NUMEROUS RIBA AWARD WINNERS.

ABOUT EBM

As a building's facades are its biggest and most visible element, European Building Materials aspires to offer you exceptional quality by sourcing products from only the best manufacturers. We are the UK agent for Petersen Tegl, Vande Moortel and Roben Tonbaustoffe. We work closely with brick manufacturers in the UK as well, including Ibstock and Michelmersh, and Forticrete for architectural cast stone.

From our London office, our uniquely qualified, time-served team offers expert advice and support for you and your project. Our customised advisory service covers pre-planning, building design, specification and procurement, through to on site liaison and after sales service. We always aim to time deliveries perfectly to meet your building programme.

We are proud to work with a wide selection of leading architectural, design and construction professionals throughout the industry.

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A low-angle, upward-looking photograph of a brick building, likely a skyscraper, against a deep blue sky with wispy white clouds. The building's facade is made of light-colored bricks with dark mortar, creating a strong geometric pattern that converges towards the top of the frame. The lighting suggests a bright, sunny day.

BRICK HAS ITS OWN SPECIAL
QUALITIES. NATURAL AND ELEGANT,
BRICK'S RICH PLAY OF COLOURS AND
TEXTURES BRINGS BUILDINGS TO LIFE.

ABOUT BRICK

A brick façade provides warmth, scale, depth and a real sense of permanence. Then there's the intriguing pattern-making potential of different colours, textures and laying bonds, plus the colour and profile of the mortar.

Brick blends easily with its surroundings and needs no decoration or routine maintenance. It weathers gracefully, mellows with age and can last for centuries. Brick is one of the most successful buildings materials ever devised. There are hundreds of varieties of brick to choose from. Let EBM help you find the right brick for your project.

MOLESWORTH STREET, DUBLIN



A PROMINENT OFFICE BUILDING IN THE HEART OF DUBLIN'S CENTRAL BUSINESS DISTRICT HAS BEEN REDEVELOPED WITH A DISTINCTIVE NEW PETERSEN BRICK FAÇADE SUPPLIED BY EUROPEAN BUILDING MATERIALS.

Designed by MCA Architects for developer IPUT, the redevelopment of the former European Union office in Ireland at 40 Molesworth Street reflects the rich heritage of the surrounding area yet the façade design is completely modern, with an additional floor at roof level formed of fully glazed elevations. Internally, there is 2,972 m2 of high grade office accommodation over 6 floors of flexible, light filled space.



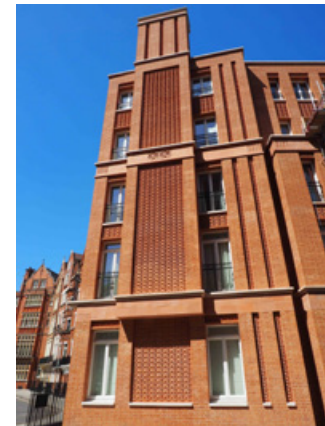
The new brick façade comprises linear Petersen hand thrown bricks in three colours. It uses the same mix created for the iconic Turnmill Building in Clerkenwell, London, in conjunction with European Building Materials. We finalised the attractive mix of shades and ensured the bricks were correctly premixed to the architect's brickwork design.

HANS PLACE, LONDON

ARCHITECT: *Squire and Partners*
www.squireandpartners.com

CONTRACTOR: *Bishop Developments*
www.bishop-developments.co.uk

BRICK TYPE: *Charnwood Light
Victorian Reds*



EBM HAS SUPPLIED LIGHT RED BRICKS FOR A RICHLY DECORATED BRICK FAÇADE ON A RESIDENTIAL DEVELOPMENT IN KNIGHTSBRIDGE.

Designed by architects Squire and Partners, the development of 10 luxury apartments is situated on the corner of Hans Place and Herbert Crescent.

The elegant new facade was inspired by the rose red brick facades of the Hans Place conservation area. It accommodates bespoke brick detailing of historic elements including the flank wall of the prominent chimney, as well as above and below window lintels/spandrels.

The handmade stock bricks are lightly textured Charnwood light Victorian Reds, blending perfectly with the established streetscape.

COATE STREET, LONDON

ARCHITECT: *Urban Mesh*
www.urbanmesh.com

CONTRACTOR: *Get Turner*
www.getturner.co.uk

BRICK TYPE: *Roben Faro Black,
Black Volcano Glazed*

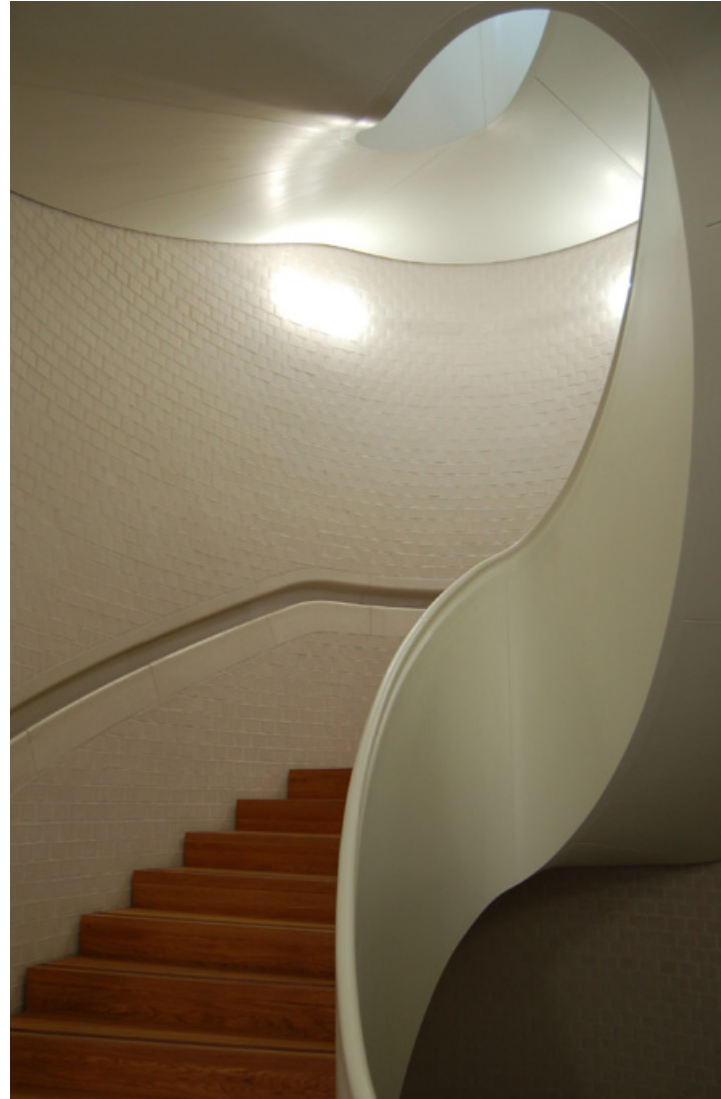
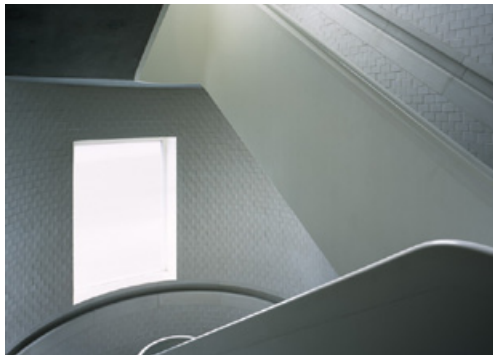


THE 22M² FAMILY HOME WAS DESIGNED BY, AND FOR, ARCHITECT OLIVER LAZARUS, A DIRECTOR OF URBAN MESH DESIGN. THE HOUSE SITS IN A ROW OF CONTEMPORARY BUILDINGS ON A TIGHT FORMER BROWNFIELD SITE AT 25 COATE STREET IN HACKNEY.

The street has a number of black buildings and individually designed terrace houses, while the hallmark of a nearby house is a black shimmer panel. The architect was keen to draw on all these aspects in creating a house that blends beautifully with the streetscape.

The architect was also looking for a feature brick to complement the engineering bricks. EBM came up with an experimental black glazed brick called 'Black Volcano,' with a pearlescent quality similar to the mirror-clad bricks. The outcome is a building with a certain translucence that reflects the changing daylight and gives something back to the street.

NEWPORT STREET GALLERY, LONDON



RIBA STIRLING PRIZE 2016 WINNER. WHEN IT CAME TO SOURCING BRICKS FOR DAMIEN HIRST'S AWARD-WINNING NEWPORT STREET GALLERY, CARUSO ST JOHN ARCHITECTS CALLED ON EUROPEAN BUILDING MATERIALS.

We sourced this brick from Northcot Brick, together with a darker brown bespoke brick to mark the entrance piers and soffit.

Inside, a suite of 6 galleries is reached by three new stairwells detailed in complex and immaculately crafted white brickwork cylinders. The asymmetric brick walls were constructed on-site, with ceiling bricks inset into precast concrete slabs offsite.

We sourced the Oslo Pearl White bricks from German manufacturer Röben. Highly wrought timber staircases are recessed into the brickwork with curving inset concrete handrails, creating a crafted quality rarely seen today.

ASTLEY CASTLE, NUNEATON



THE 2013 RIBA STIRLING PRIZE WAS AWARDED TO WITHERFORD WATSON MANN FOR THEIR VISIONARY RESTORATION OF MEDIEVAL ASTLEY CASTLE, ONCE OWNED BY THREE QUEENS OF ENGLAND.

Now the Landmark Trust's most popular property, the architects started with a roofless ruin, well beyond a conventional restoration project. They set out to 're-establish a kind of wholeness, making it stable, binding it together', yet 'retaining a feeling of incompleteness, leaving it porous, its wounds still open.' New walls were added with lintels and roofs to buttress and tie the remnants. Some rooms were left as open courts. The modernist house, for holiday rental, occupies the medieval core of the castle, with a grand and intimate first floor hall and bedrooms below.

The distinctive yellow bricks, supplied by European Building Materials, play a vital role in melding ancient and modern structures. The beautifully detailed and crafted brickwork was used to infill gaps in the structure, creating a visible contrast in a sensitive historic context.

BLACKFRIARS, LONDON

ARCHITECT: AHMM Architects
www.ahmm.co.uk

CONTRACTOR: Swift Brickwork
www.swift-brickwork.com

BRICK TYPE: Roben faro Black



AN IMPRESSIVE 20 STOREY GLASS TOWER AND CONTRASTING BRICK-CLAD BUILDING PROVIDE A STRIKING CONTEMPORARY DEFINITION FOR A PIVOTAL SITE ON THE EDGE OF LONDON'S BANKSIDE NEAR THE THAMES AND TATE MODERN.

Designed by Alford Hall Monaghan Architects (AHMM), 240 Blackfriars Road comprises a sharp-edged glass commercial tower with a starkly contrasting 6 storey residential block, Cubbitt House, clad in dark brick masonry.

European Building Materials helped the architects select and specify the distinctive deep black Faro smooth clinker bricks from German manufacturer Röben.

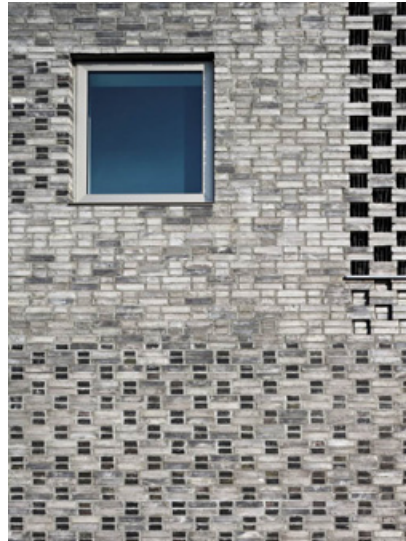
The dark brickwork over precast provides a handsome and robust visual structure for the 6 storey block, which is carved away to create loggias, terraces and gardens for its 10 residential apartments.

BANNOCKBURN, STIRLING

ARCHITECT: : *Reiach and Hall*
www.reiachandhall.co.uk

CONTRACTOR: *Mansell Construction Services – Now Balfour Beatty*
www.balfourbeatty.com

BRICK TYPE: *Petersen D91 and D99*



BANNOCKBURN HAS A UNIQUE PLACE IN THE SCOTTISH PSYCHE. IT COMMEMORATES THE LEGENDARY VICTORY OF ROBERT THE BRUCE'S SCOTTISH FORCE.

The battlefield site is managed by National Trust for Scotland, who called for proposals to restore and refurbish the visitor centre.

Reiach & Hall Architects won the competition, proposing an entirely new building that re-established a direct link with an equestrian statue of Robert the Bruce and the natural beauty of the surrounding countryside.

The dignified and sombre exterior alludes to a defensive fortification. It has a refined idiom and subtle detailing that references historical elements and images. Architect Neil Gillespie says, “The brickwork pattern is reminiscent of chainmail, an effect achieved by combining two coal-fired bricks from Petersen - one almost black, one with a grey tint – in different patterns in a stacked Flemish bond.” Elsewhere the pattern creates holes that form part of the ventilation system. The sober exterior contrasts markedly with internal bright pine surfaces and an interactive exhibition.

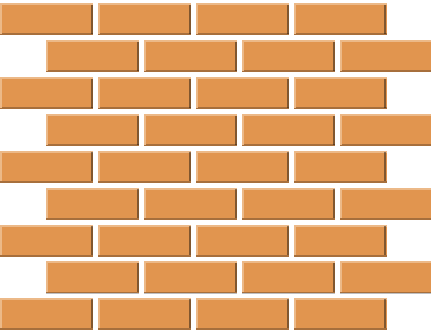
A BRICK BOND IS THE DECORATIVE PATTERN ON THE SURFACE OF A WALL. BONDED BRICKWORK HAS A STRUCTURAL FUNTION TOO, SPREADING LOADS AND HELPING TO RESIST WIND. BOND PATTERNS APPLY TO OTHER TYPES OF MASONRY CONSTRUCTION AS WELL.

BRICK BONDS

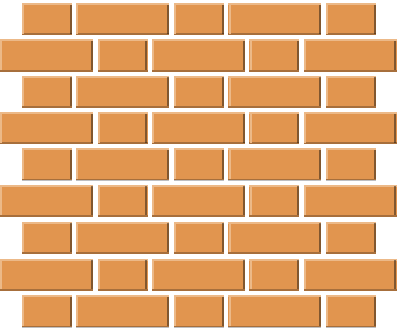
Load-bearing walls require a structural bond, while non load-bearing walls have an essentially decorative function and can use any bond pattern. There are many bond patterns available, from traditional to contemporary. These are some of the most typical and popular bond patterns used for brick walls:

- **1) *Stretcher Bond*:** stretchers in every course, commonly used for outer leaves of cavity walls.
- **2) *Flemish Bond*:** alternate headers and stretchers in every course.
- **3) *English Bond*:** alternate courses of stretchers and headers, giving a horizontal emphasis.
- **4) *Stack Bond*:** a non-structural bond of identical courses laid in a grid.
- **5) *English Garden-Wall Bond*:** one course of headers to three and sometimes five courses of stretchers.
- **6) *Flemish Garden-Wall Bond*:** three stretchers to one header in each row.

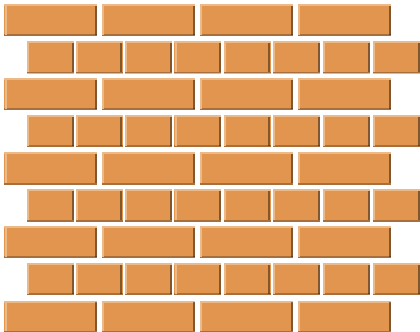
1) *Stretcher Bond*



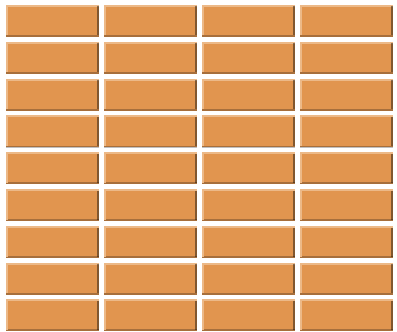
2) *Flemish Bond*



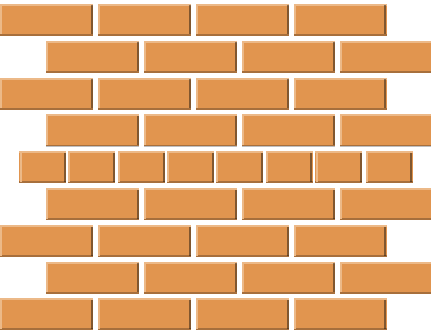
3) *English Bond*



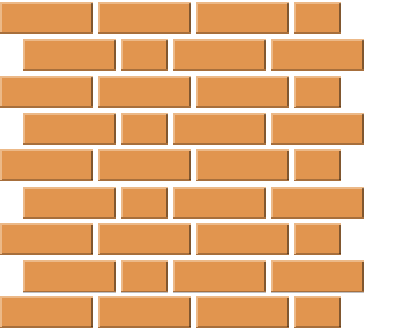
4) *Stack Bond*



5) *English Garden-Wall Bond*



6) *Flemish Garden-Wall Bond*



EBM IS UNIQUELY POSITIONED TO
HELP YOU FIND THE RIGHT BRICK,
WHATEVER ITS SIZE.

BRICK SIZES

Non-standard brick sizes, especially in longer and slimmer formats, are increasingly popular to create a different and intriguing façade aesthetic. These days, the versatility of clay and manufacturing processes enable bricks to be made to a wide variety of dimensions, over and above the standard size of 215mm length x 102.5mm wide x 65mm height, combined with a nominal 10mm mortar joint.

As well as providing bricks to the standard metric size and old imperial sizes, we can help you find alternative sizes with heights as low as 38mm and lengths that can span well over 500mm. These linear bricks are available in an exciting spectrum of colours and textures and can be used to create interesting façade details including changing patterns and relief effects. By partnering with all UK brick factories and many in Northern Europe, we are uniquely positioned to work with you to find the right brick, whatever size you require.



FAST, LIGHT AND BEAUTIFUL CLADDING

INNOVATIVE LIGHTWEIGHT CLADDING COMBINES THE TIMELESS BEAUTY OF NATURAL CLAY FACADES WITH MODERN TECHNOLOGY. ACHIEVE SUBSTANTIAL SAVINGS IN TIME AND MONEY OVER CONVENTIONAL CONSTRUCTION METHODS.

CLADDING

Choose natural clay tiles in architect-selected colours and surface variations to create a seamless transition from wall to roof. Or replicate traditional brick facades with brick slips on slimline GRC backing panels to reduce costs without compromising on aesthetics and performance.

The slimline, lightweight GRC (glass reinforced concrete) brick-faced cladding system shown opposite is an attractive option for re-facing existing buildings or for newbuild construction on site or offsite. Honeycomb GRC backing moulds can be created for large format panels or to replicate the most complex profiles.

Virtually any equivalent brick slip can be accommodated from our extensive range of high-quality facing bricks – and any brick bond. The GRC backing panels are approximately 80% lighter than precast steel reinforced cladding, leading to significant savings in the cost of the structural frame and foundations. Typical wall thicknesses are only 15-20mm according to the GRC backing profile selected.



VIDAR IS A CLEAN AND ELEGANT LIGHTWEIGHT CLADDING SYSTEM USING NATURAL CLAY TILES. FAST AND SIMPLE TO INSTALL, THIS INEXPENSIVE SYSTEM IS COMPLETELY RECYCLABLE AND DESIGNED IN ACCORDANCE WITH CRADLE TO CRADLE ENVIRONMENTAL PRINCIPLES.

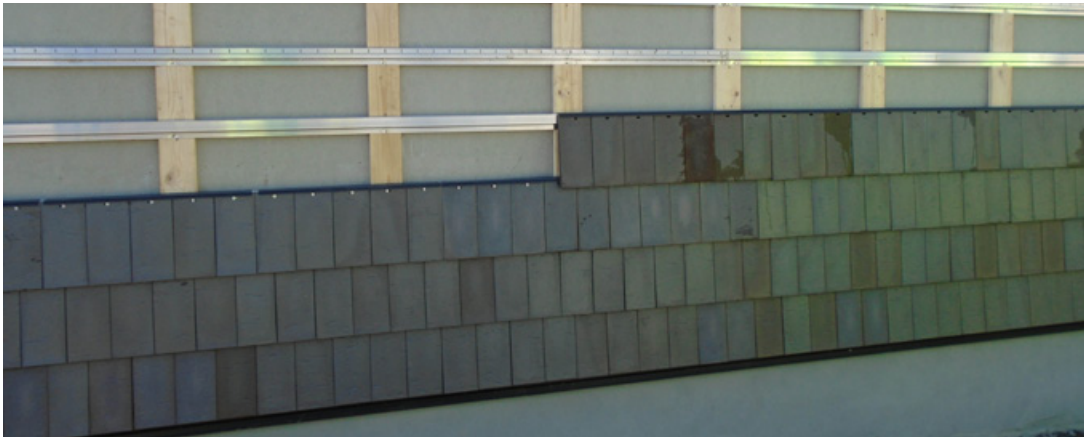


Designed in Denmark and made in Germany to BSEN 1304: 2013, Vidar can be used for both facades and roofs, providing a seamless transition from wall to roof. The system allows for solar panels to be integrated flush with façade or roof elements.

The natural clay tiles come in seven architect-selected colours, from dark yellow and red-brown to black-brown, black, blue, grey and white. The firing process produces an incredibly beautiful range of nuanced shades, with the design possibilities further enhanced by tile surface variations, from smooth to rustic to horizontally corrugated.

FAST, LIGHT AND BEAUTIFUL CLADDING

VIDAR



Made from 100% inorganic materials, the Vidar lightweight system weighs only 40 kilos per square metre and is assembled in 3m lengths. It has been tested to a height of 25m and resists winds up to 40m/s.

The 75mm thin wall comprises clay tiles mounted on an aluminium backing system. Build-up does not require wet trades and can result in fast construction – up to 14 m² per hour can be fitted by a single, low-skilled operative



FAST, LIGHT AND BEAUTIFUL CLADDING

ENVELOP A BUILDING IN A SINGLE SKIN. FORM A SEAMLESS TRANSITION FROM WALL TO ROOF WITH THIS NEW CLAY CLADDING TILE.

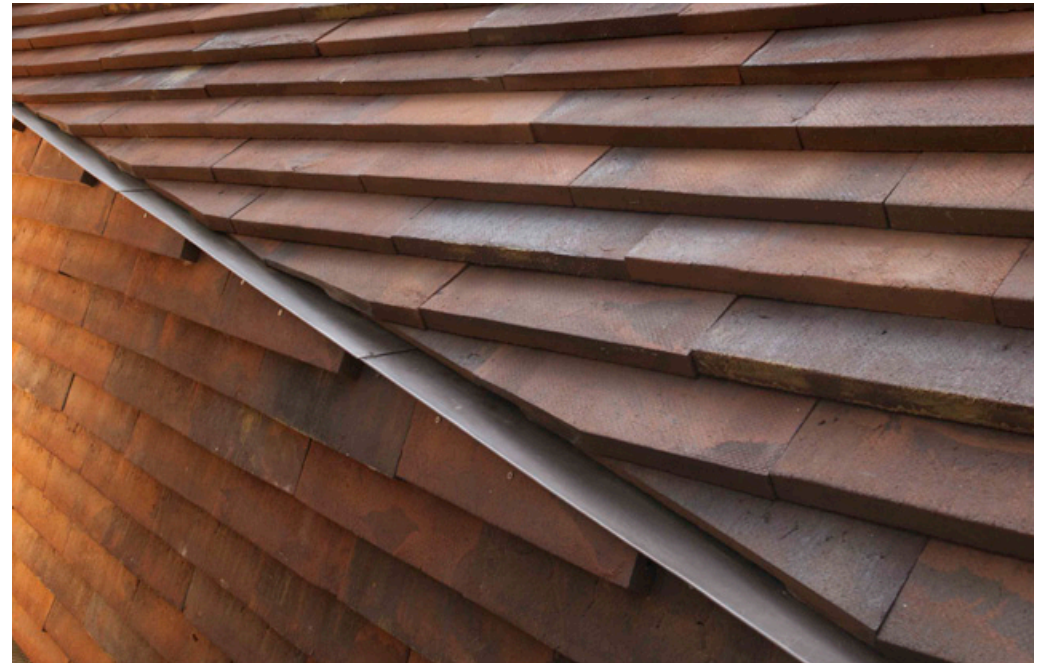
COVER

A beautiful new cladding tile for walls and roofs, handmade Petersen Cover provides a striking and exclusive look that glides seamlessly over facades, roofs and around corners.

A highly original tile product, Cover is closely related to, and works well with, traditional bricks. However, it is faster and less expensive to install than traditional bricks.

Installation is reminiscent of pantiles, with the tiles screw-fixed by a recess on the inner side to an underlaying frame. The facade is completely maintenance free as there are no mortar joints or expansion joints.

Cover comes in 14 attractive standard colours and two sizes, 528 x 170 x 37mm and a slightly larger version 528 x 240 x 37mm



ARCHITECTURAL CAST STONE DETAILS ARE IDEAL AROUND ENTRANCES, OPENINGS, GABLES AND TO DRESS EXTERNAL WALLS. THE MATERIAL CAN ADD FURTHER CHARACTER TO MASONRY ELEVATIONS.

CAST STONE

Architectural cast stone is a highly versatile material, suitable for contemporary and period styles, providing details such as porticos, window heads and cills, string courses and quoins.

It can equal or surpass the aesthetic qualities and technical performance of quarried natural stone and will add distinction and style to an elevation out of all proportion to the cost.

As well as newbuild construction, the material is a tried and tested solution for refurbishment and conservation work, including areas of sensitive planning constraint.

We source bespoke and high quality off-the-shelf architectural cast stone from Forticrete, one of the UK's leading suppliers of this attractive and long-lasting material.



BE CONFIDENT YOU'RE SPECIFYING THE RIGHT MORTAR.
EBM SUPPLIES LIME BASED AND CEMENTITIOUS MORTARS
SUITABLE FOR ALL TYPES OF BRICKWORK.

MORTARS

Using the right mortar with the right brick is paramount to achieving high quality brickwork. The brickwork aesthetic will vary according to mortar thickness and colour. When it comes to protecting brickwork against rain penetration, sulphates and unsightly efflorescence, selecting the right mortar type and mix can be critical to overall performance. And mortar choice can even reduce the need for movement joints.

The impact of mortar colour on brickwork is illustrated in the top image. It shows three different mortar colours applied to only one brick type.

EBM can help you specify the right mortar for your brickwork and supply it from our range of carefully selected Hydraulic Lime Mortar (HLM), Cement Lime Mortar (CLM) and Cement Sand Mortar (CSM).

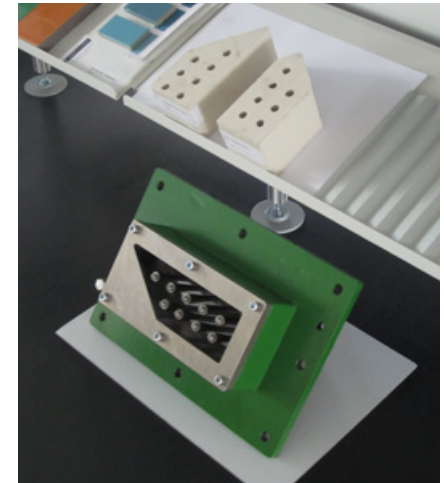


EUROPEAN BUILDING MATERIALS SUPPLIES SPECIAL-SHAPED BRICKS AND PREFABRICATED BRICK-FACED UNITS TO MATCH YOUR BRICKWORK ELEVATIONS.

BRICK SPECIALS

We can source any type of standard special-shaped brick and offer a fast bespoke service. These versatile bricks can be used to create, for example, changes in depth to an elevation, for curves and decorative columns, arches and cills to openings, as returns for soldier courses and for cappings and copings.


EBM Chimney Alongside brick specials, we offer prefabricated units such as chimneys, structural and non-structural arches, circular window surrounds and bay windows. Chimneys can be decorative or rated for either solid burning or gas heating. Made off-site, these brick-faced precast units are produced to a high standard and can be installed more cost-effectively and faster than creating them in-situ.





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