

# Blockleys™



SIMPLY

exceptional



## Blockleys™ BRICKS

### WELCOME TO BLOCKLEYS

Blockleys produces extruded wirecut facing bricks, clay pavers, paving accessories and special shapes, offering our customers the ideal combination of aesthetically appealing clay products.

Exceptional products.  
Exceptional performance.  
Exceptional delivery.

When customers are counting on your development,  
you can count on Blockleys.

Products are manufactured in accordance with the requirements of British Standards BS EN 771-1 and BS 4729, and in compliance with independently verified ISO 9001 Quality, ISO 14001 Environmental and ISO 50001 Energy Management Systems. Products also comply with the BES 6001 Responsible Sourcing standard. All of our products offer outstanding properties of total durability, being F2 rated and fully frost resistant.

# Blockleys™

## BRICKS

Our extensive range of colours and textures help to build better futures for a wide variety of building typologies including schools, hospitals, offices and apartments from both the public and private sectors, across the UK and overseas.



BLACK SMOOTH



BLACK WIRECUT



HADLEY BRINDLE SMOOTH  
65 mm & 73 mm



HADLEY BRINDLE WIRECUT



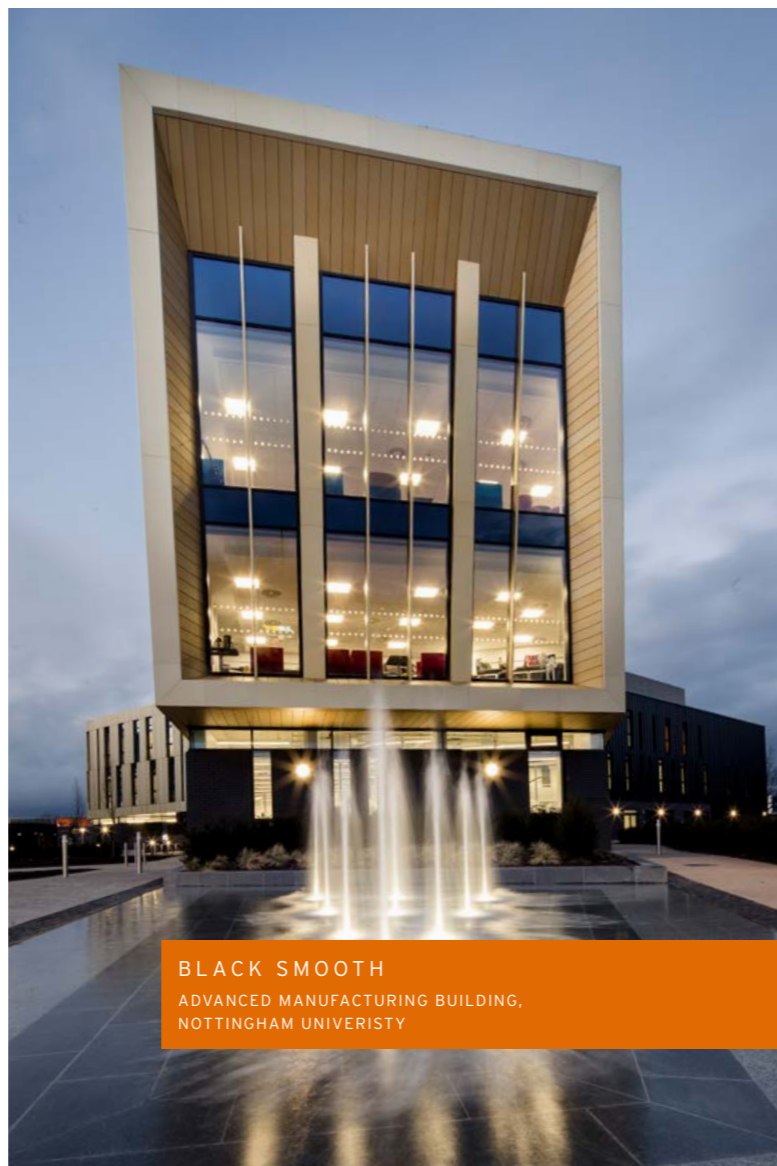
BOWLAND GREY



HADLEY RED SMOOTH  
65 mm, 73 mm & 75 mm



HADLEY RED WIRECUT



BLACK SMOOTH  
ADVANCED MANUFACTURING BUILDING,  
NOTTINGHAM UNIVERSITY

	Dimensional tolerance	Dimensional range	Durability against freeze/thaw	Active soluble salts content	Gross dry density	Compressive strength (minimum)	Water absorption	Thermal conductivity	Dimensions (in mm)
BLACK SMOOTH	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
BLACK WIRECUT	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
BOWLAND GREY	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
HADLEY BRINDLE SMOOTH	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65 215 x 102.5 x 73
HADLEY BRINDLE WIRECUT	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
HADLEY RED SMOOTH	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65 215 x 102.5 x 73 215 x 102.5 x 75
HADLEY RED WIRECUT	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65

# Blockleys™ BRICKS

BLACK SMOOTH  
LITTLE KELHAM, SHEFFIELD



SECTION  
1a

CONFETTI BUILDING  
NOTTINGHAM

BUILDING  
the future

# Blockleys™

## BRICKS

Blockleys combines unbeatable quality and volume production with products that encompass outstanding properties including total durability, frost resistance and nil efflorescence.



IPSWICH SMOOTH



IPSWICH WIRECUT



PARK ROYAL  
65 mm & 73 mm



KELHAM BLACK



LAKELAND MIXTURE

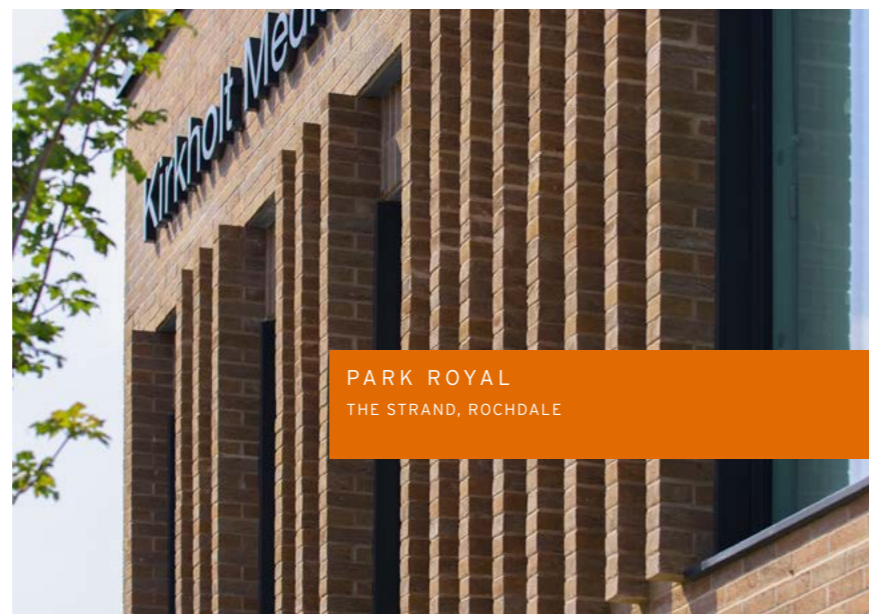


PORCELAIN WHITE SMOOTH



© ALEX UPTON

PORCELAIN WHITE SMOOTH  
PARKER TOWER, LONDON



PARK ROYAL  
THE STRAND, ROCHDALE

	Dimensional tolerance	Dimensional range	Durability against freeze/thaw	Active soluble salts content	Gross dry density	Compressive strength (minimum)	Water absorption	Thermal conductivity	Dimensions (in mm)
IPSWICH SMOOTH	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
IPSWICH WIRECUT	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
KELHAM BLACK	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
LAKELAND MIXTURE	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
PARK ROYAL	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65 215 x 102.5 x 73
PORCELAIN WHITE SMOOTH	T1	R1	F2	S2	1300 kg/m <sup>3</sup>	40 N/mm <sup>2</sup>	Less than 15%	0.50 (50%) W/m.K 0.56 (90%) W/m.K	215 x 102.5 x 65



# Blockleys™ BRICKS



WINDERMERE GREY  
THE HIVE, MANCHESTER



STERLING GREY

We also manufacture a full range of standard Special Shaped Bricks, purpose made specials and cut & bond specials to match all of our brick range, whilst offering unbeatable customer service.



WREKIN BERKSHIRE



WREKIN BUFF



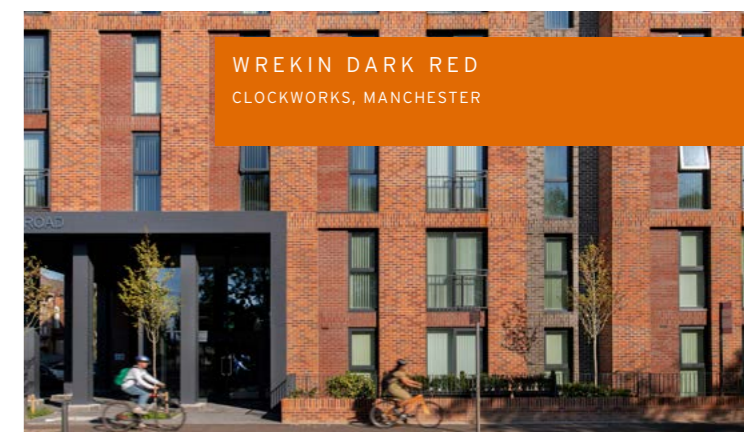
WINDERMERE GREY



STERLING GREY  
GREEN WALK, MANCHESTER



WREKIN DARK RED



WREKIN DARK RED  
CLOCKWORKS, MANCHESTER

	Dimensional tolerance	Dimensional range	Durability against freeze/thaw	Active soluble salts content	Gross dry density	Compressive strength (minimum)	Water absorption	Thermal conductivity	Dimensions (in mm)
STERLING GREY	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
WINDERMERE GREY	T2	R2	F2	S2	1520 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.67 (50%) W/m.K 0.74 (90%) W/m.K	215 x 102.5 x 65
WREKIN BERKSHIRE	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
WREKIN BUFF	T2	R2	F2	S2	1520 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.67 (50%) W/m.K 0.74 (90%) W/m.K	215 x 102.5 x 65
WREKIN DARK RED	T2	R2	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65

UNIQUE & individual



# Synthesis™

## BRICKS

### WELCOME TO SYNTHESIS

Using our unique ability to manufacture pre-blended bricks in wirecuts, stocks or handmades, we have launched a diverse range of contemporary products. Our Synthesis range brings together unique individual bricks, and transforms them into eye-catching collections, giving an appealing mosaic appearance.

### Contemporary mosaic blends.

Products are manufactured in accordance with the requirements of British Standard BS EN 771-1, and in compliance with independently verified ISO 9001 Quality, ISO 14001 Environmental and ISO 50001 Energy Management Systems. Products also comply with the BES 6001 Responsible Sourcing standard. All of our products offer outstanding properties of total durability, being F2 rated and fully frost resistant.



# Synthesis™

## BRICKS

Although the combinations are limitless, we have developed a range and mix of colours that complement each other, from stark contrasts to sympathetic palettes.



SYNTHESIS S01



SYNTHESIS S03



SYNTHESIS S07



SYNTHESIS S09



SYNTHESIS S05



SYNTHESIS S06



SYNTHESIS S10



SYNTHESIS S11



	Dimensional tolerance	Dimensional range	Freeze/Thaw Resistance	Active soluble salts content	Gross dry density	Compressive strength (minimum)	Water absorption	Thermal conductivity	Dimensions: (in mm)
SYNTHESIS S01	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S03	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S05	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S06	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S07	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S09	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S10	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S11	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65



# Synthesis™

## BRICKS



SYNTHESIS S12



SYNTHESIS S19  
SPARKFORD ROAD, WINCHESTER



SYNTHESIS S19



SYNTHESIS S20



SYNTHESIS S14



SYNTHESIS S17



SYNTHESIS S21



SYNTHESIS S21  
ORFORD PLACE, LONDON



SYNTHESIS S12  
LLANBERIS, WALES

	Dimensional tolerance	Dimensional range	Freeze/Thaw Resistance	Active soluble salts content	Gross dry density	Compressive strength (minimum)	Water absorption	Thermal conductivity	Dimensions: (in mm)
SYNTHESIS S12	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S14	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S17	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S19	T2	R1	F2	S2	1640 kg/m <sup>3</sup>	50 N/mm <sup>2</sup>	Less than 12%	0.72 (50%) W/m.K 0.79 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S20	T2	R1	F2	S2	1460 kg/m <sup>3</sup>	27 N/mm <sup>2</sup>	Less than 12%	0.45 (50%) W/m.K 0.51 (90%) W/m.K	215 x 102.5 x 65
SYNTHESIS S21	T2	R1	F2	S2	1460 kg/m <sup>3</sup>	27 N/mm <sup>2</sup>	Less than 12%	0.45 (50%) W/m.K 0.51 (90%) W/m.K	215 x 102.5 x 65

# Synthesis™ BRICKS

SYNTHESIS BESPOKE BLEND  
SOUTH GARDENS, LONDON

SYNTHESIS S14  
AUDLEY RETIREMENT HOME, LONDON



SYNTHESIS S09  
TROUTBECK, BLACKPOOL



SYNTHESIS S14 & S17  
ITV STUDIOS, MANCHESTER



SYNTHESIS S14  
GOODGE, LONDON CITY



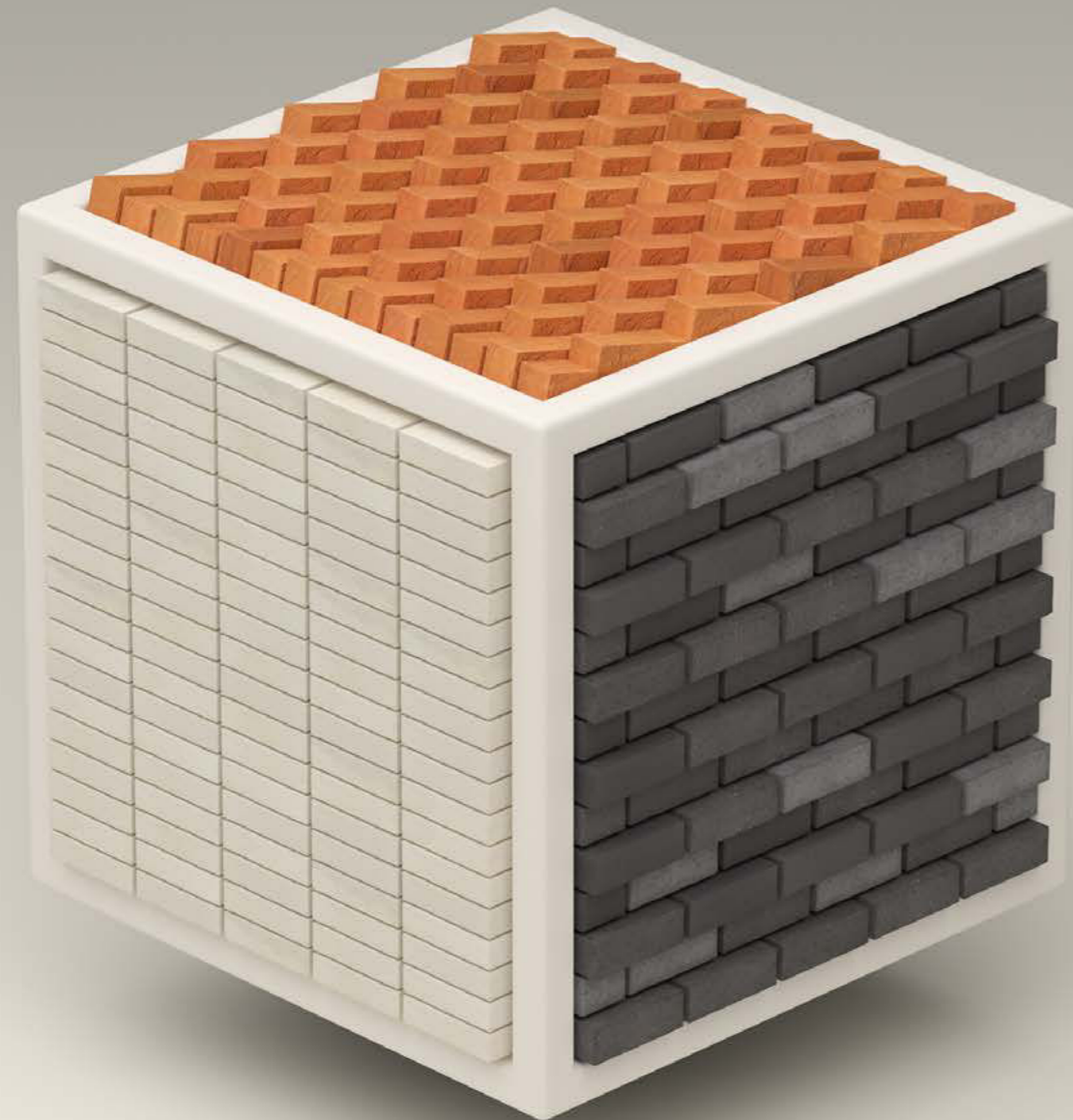
SYNTHESIS S09 & BLACK SMOOTH  
BAILEY FIELDS, SHEFFIELD



SYNTHESIS S17  
WAVENBY COUNCIL, SUFFOLK



MOSAIC  
blends



**BUILDING MADE BETTER WITH BIMBRICKS.COM**

Michelmersh remains at the forefront of industry innovation, by continuing to invest and evolve manufacturing processes. At the same time it leads the way in offering intuitive, informative and supportive product data through the most up-to-date construction technology procedures. Acting rapidly on the Government's Construction Strategy published in May 2011, Michelmersh responded with the first range of clay product files. As the first brick manufacturer to introduce Building Information Modelling (BIM) files in the UK, it is now delighted to see a surge in industry support, acceptance and participation.



## Façade Designer








The Façade Designer is a fully customisable application tool featured on [mbhplc.co.uk](http://mbhplc.co.uk) to give designers, architects and clients the ability to create their own multiple brick blended façade, choosing from the full core range. The Designer aims to inspire creativity, giving users the freedom to firstly choose brick types through colour, texture or size, proceeding onto a mortar colour, and lastly, selecting a bond to evolve the façade to their desired specification.

Once the design is complete, users are given the option to download their final façade design as a high-quality resolution image in multiple formats, and will also be sent the product recipe with relevant product page links, giving the chance to further download our BIM files or other technical data sheets.









**BUILDING MADE EASIER WITH [MBHPLC.CO.UK/FACADE-DESIGNER](http://MBHPLC.CO.UK/FACADE-DESIGNER)**

# THE benefits of brick






## High Product Performance

-  Thermal Performance
-  Air Quality
-  Flood Resilience
-  Overheating
-  Non-combustible
-  Cavity Wall Construction
-  Class 0 Fire Rating above 18m



## Sustainability

-  Longevity
-  Durability
-  Recycled Content
-  Low Operational Carbon
-  Adaptability
-  Reusable
-  Climate Resilience
-  Locally Sourced

## Industry Preference

-  Matches UK Vernacular
-  Favoured By Planners
-  Product Quality Standards
-  Established Supply Chain
-  Aesthetics
-  Forgiving Of Tolerance
-  Variety Of Colours

## Low Lifetime Cost

-  Low Cost & Strong Value
-  Low Maintenance
-  Financially Underwritten
-  Competitive Whole-Life Cost





**Hy**Brick™

## The World's First 100% Hydrogen Fired Clay Brick Trials

A New Era of Sustainable Construction Products.

[www.mbhplc.co.uk/hybrick](http://www.mbhplc.co.uk/hybrick)

DESIGN FOR 200 YEARS, NOT 20

# THINK LONGER

[mbhplc.co.uk/think-longer](http://mbhplc.co.uk/think-longer)



Durable products with extensive longevity such as clay brick, will prolong the expected life of a building resulting in a lower carbon footprint for every year of use.

For more information, visit: [www.mbhplc.co.uk/think-longer](http://www.mbhplc.co.uk/think-longer)

ENHANCING

# our built environment

FOR GENERATIONS TO COME



Michelmersh Brick Holdings PLC strives to be a well invested, long term, sustainable and environmentally responsible business. We aim to lead the way in producing some of Britain's premium clay products and enhancing our built environment by adding value to the architectural landscape for generations to come.

Michelmersh Brick Holdings PLC holds the following accreditations:

- **Energy Management ISO 50001**
- **Environmental Management ISO 14001**
- **Quality Management ISO 9001**
- **Responsible Sourcing BES 6001**



**MICHELMERSH**  
Britain's Brick Specialists

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This brochure has been designed to be a long lasting resource that has been produced from sustainable sources and proudly made in the UK. We kindly ask you to recycle it at the end of its use.