

THE BRICK GUIDE

04



**DOWNLOAD THE NEW HANSON
BRICK & BLOCK SELECTOR APP**

SEE INSIDE FOR DETAILS



Fantastic features in this magazine

Whatever the building, let Hanson help you choose the perfect brick from our famous range.



8 Ecostock® | **ecostock®** The future of brick

The Ecostock® brick range features the very latest environmentally friendly production technology, offering better colour consistency, dimensional accuracy and quality – a greener choice of brick.

40 London brick | **THE ORIGINAL London** The original and best

The classic and much sought after original London brick has been in production for over 130 years. More than five million houses in the UK have been built of London bricks, making them ideal for extensions and renovation projects.



46 Brick specials | **CRADLEY®** Quality and craft

Hanson Cradley can manufacture over 300 types of the finest quality, hand-crafted brick specials. The craftsmen in our specials department can faithfully reproduce brick specials using the original products, drawings or photographs, allowing accurate reproduction of historic brickwork.



50 Red Bank | **RED BANK®** Clay masterpieces

Hanson Red Bank has been producing high quality chimney products, ridge tiles and fitments for nearly 100 years, alongside its comprehensive range of high-quality clay building products.

5 Download our new brick and block app



The new Hanson brick and block selector app gives you access to our complete product range and more in your pocket.

- Match a brick
- Brick and block selectors
- Share your favourite products
- Find your nearest stockist
- Materials calculators



DOWNLOAD THE FREE APP
WWW.ASK-HANSON.COM/APP



6 Hanson bricks The sustainable choice

All Hanson's bricks are certified as 'very good' under BES 6001 Responsible Sourcing of Materials (RSM). Find out more about our sustainability credentials.

56 Our top tips Good site practice

Sharing some simple methods to achieve a better result when constructing with brick, from storage and brick blending, through to frost protection.

Free brick samples

Our photographic brick samples are ideal for shortlisting products. High quality printing provides an extremely realistic representation of colour and texture.

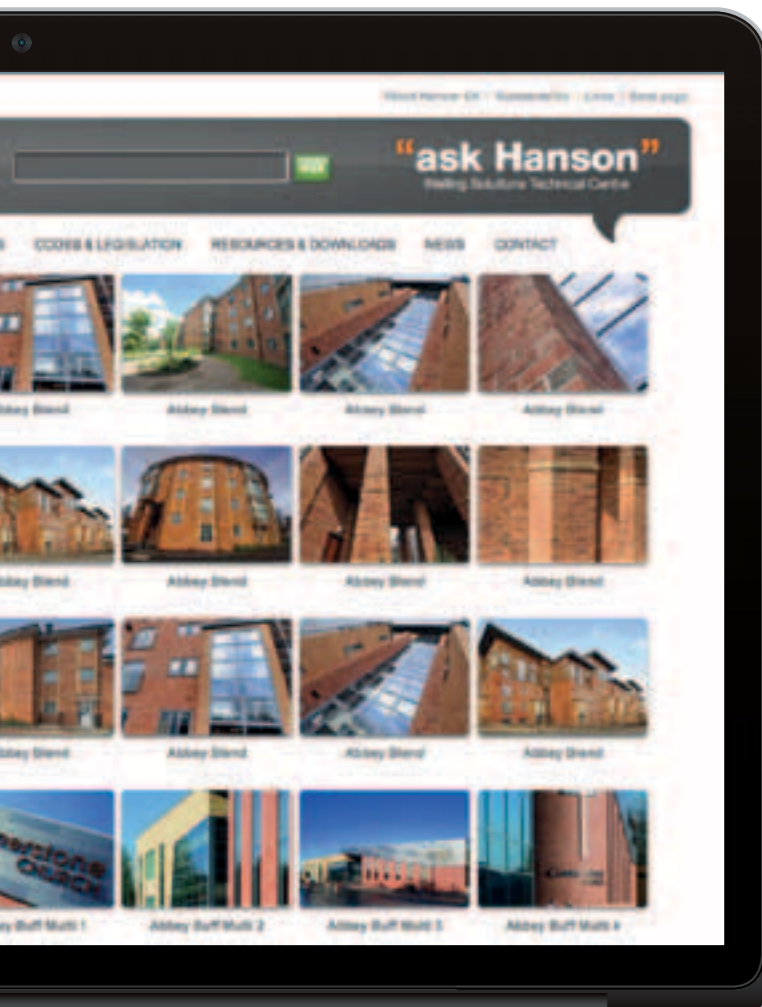
Call **0330 1231017** or visit www.ask-hanson.com/bricks



Full contents

Go digital with Hanson	4-5
Hanson bricks – the sustainable choice	6
Three easy steps to choosing your bricks	7
Ecostock® brick range	8-9
Red brick range	10-25
Smooth	10-11
Light textured	12-19
Heavy textured	20-21
Stock - pressed	22-23
Stock - thrown	23-23
Tumbled	24-25
Buff brick range	26-33
Smooth	26
Light textured	26-30
Heavy textured	31
Stock - pressed	32-33
Stock - thrown	32-33
Yellow brick range	34-35
Light textured	34-35
Heavy textured	34-35
Stock - pressed	34-35
Brown brick range	36-37
Smooth	36-37
Light textured	36-37
Heavy textured	36-37
Blues and Greys brick range	38-39
Smooth	38-39
Light textured	38-39
Heavy textured	38-39
London brick range	40-45
History of London brick	40
London brick technical information	41
London red brick range	42-43
London buff brick range	44-45
London yellow brick range	44-45
London blacks and greys brick range	44-45
Cradley brick specials	46-49
British Standard special shapes	46-47
Non-standard and bespoke specials	48-49
Red Bank chimney and roofing solutions	50-55
Chimney pots and gas flue terminals	50
Ridge tiles and fitments	51
Flue lining systems	52-53
Air bricks and ducts	54-55
Professional tips for better brickwork	56
Frost protection	57
Brick design considerations	58
Our companies and products	59
Thermalite aircrete blocks	60-61
Hanson walling solutions	62-65
Brick index and technical information	66-67

GO DIGITAL WITH HANSON...



ON YOUR DESKTOP

Go online at www.ask-hanson.com for your definitive brick and block resource. We've created a number of tools to make brick and block selection easy.

Visit now to use our new tools
www.ask-hanson.com



ON YOUR MOBILE

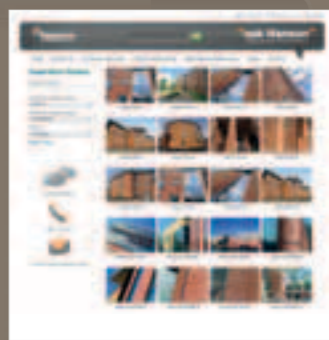
Brick and block selection couldn't be easier with our new app. Whether you are in the office or out on site it gives you access to our full range of brick and block products.

Download the app now for free
www.ask-hanson.com/app



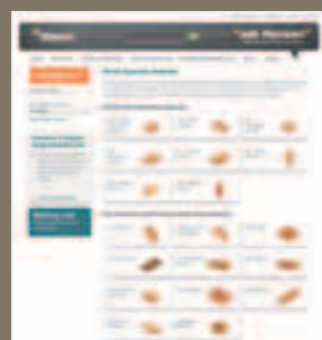
BRICK AND BLOCK SELECTOR

- Find the perfect brick or block for your project
- View technical details
- Order card samples



INSPIRATION GALLERY

- Project inspiration gallery
- Share your selections
- Download images



SPECIAL SHAPED BRICKS SELECTOR

- Search from over 300 types of special shaped bricks
- View technical details
- Share selections



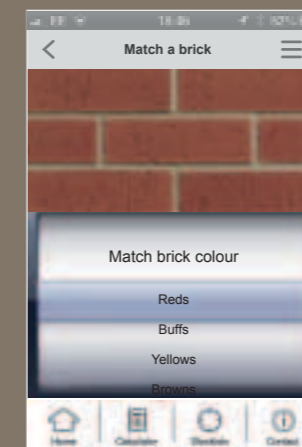
U-VALUE CALCULATOR

- Get instant U-values for wall constructions
- Email report sent to you with your results



BRICK AND BLOCK SELECTORS

- Find the perfect brick or block for your project
- Search by product or applications
- Share your selections



MATCH A BRICK

- Take a photo, match against our products
- Order card samples
- Share your selection



STOCKIST FINDER

- Find your nearest Hanson stockist

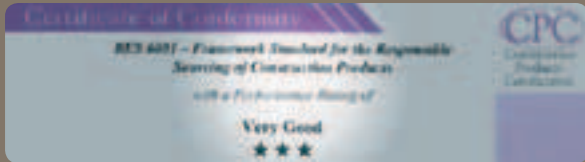


BRICK AND BLOCK CALCULATORS

- Estimate the number of bricks and blocks required for your project

Hanson bricks – the sustainable choice

Bricks are an inherently sustainable building material. They are durable, require little to 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.



BES 6001
Responsible Sourcing
www.greenbooklive.com

Hanson is the first brick manufacturer to achieve BES 6001 Responsible Sourcing of Materials (RSM) certification for all products from its UK brick production sites. This means that whatever brick you choose from Hanson, it is BES 6001 certified.

Hanson also offers the Ecostock® brick range. This range is manufactured at our state-of-the-art brick factory and combines locally sourced raw materials with low energy and low waste processes to make stock bricks with the lowest embodied CO₂ available.



Kings Dyke nature reserve – a former clay pit transformed into a nature reserve for the local community.

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 easily altered for re-use
- Recyclable
- A natural and traditional building material with pleasing aesthetic qualities
- A+ rating in the BRE Green Guide
- Can be used to build homes to the highest levels of the Code for Sustainable Homes

Hanson 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 Hanson bricks include recycled content
- Locally sourced raw materials
- Strict waste minimisation schemes

Hanson UK sustainability



To find out more about how Hanson embeds sustainability throughout its business in the UK, visit: www.hanson-sustainability.co.uk

Three easy steps to choosing your bricks

The right brick for you

Bricks are available in many different colours and textures. At Hanson, we believe in quality, not quantity, and have developed a select range of bricks which represents everything you need from classic to contemporary.

Step 01

Choose a colour.



Red brick range
pages 10-25



Buff brick range
pages 26-33



Yellow brick range
pages 34-35



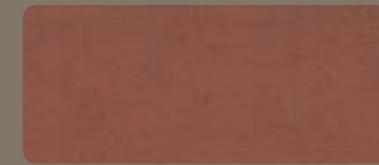
Brown brick range
pages 36-37



Blues and Greys
brick range
pages 38-39

Step 02

Choose a texture.



Smooth
Smooth finish or smooth sandfaced finish, consistent and uniform in character.



Light textured
Modern and uniform, with an indented or printed finish.



Heavy textured
A harder and rougher texture is given from a rusticated brick with a consistent finish.



Stock - pressed
A smooth sandfaced finish, consistent and uniform in character.



Stock - thrown
A slightly irregular shape with a creased texture, replicating the appearance of hand-made bricks.

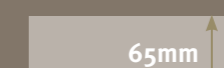
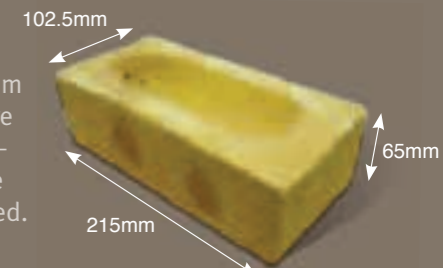


Tumbled
Distressed and irregular in shape offering an 'olde worlde' charm associated with reclaimed bricks.

Step 03

Choose a size.

The standard brick size is 215mm x 102.5mm x 65mm but some of our bricks are made in a 73mm format – where this is the case the following symbols are used.



From process to product, the Hanson Ecostock[®] range is the most environmentally friendly stock brick range in the UK.

Produced at our Measham plant, the Ecostock[®] range reflects the future demands of manufacturing and the environment. Hanson utilises the very latest groundbreaking technology in sustainability and production efficiency, offering advanced colour consistency, dimensional accuracy and quality.



Atherstone Red



Hampton Rural Blend



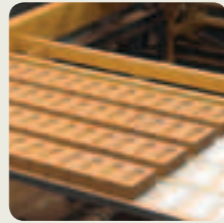
Chelsea Smoked Red

Our cutting edge technology reduces energy consumption by up to 50% in the manufacture of the Ecostock[®] brick range.



Sustainability

The Measham plant is designed to a BREEAM ‘very good’ standard and incorporates a range of environmental features. The kiln is designed for maximum efficiency, with heat being automatically recycled for use in other areas of the plant. Water used in the manufacturing process is recycled, and raw material wastage is less than 1%.



Exceptional quality

Precise batching, blending and mixing techniques coupled with greater temperature control ensure consistent colour, dimensional accuracy and high product quality.



The greener fleet

The latest Hanson fleet uses environmentally friendly Euro 5 engines that meet and exceed stringent emissions standards and, with improved fuel efficiency, the lorries minimise environmental impact.



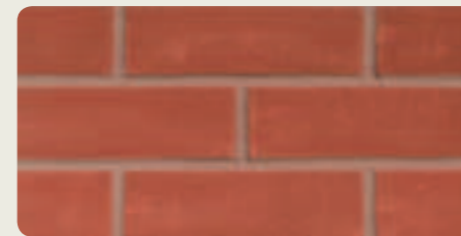
Hi-tech manufacture

The latest computerised technology, along with a fully automated production process, allows for a highly efficient plant to meet future brick manufacturing requirements.

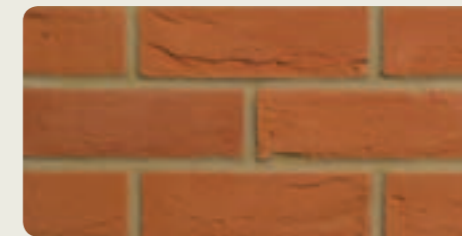
www.ask-hanson.com/ecostock

Stock - pressed

Stock - thrown



Atherstone Red - Page 22



Autumn Glow - Page 22



Oakthorpe Red Stock - Page 23



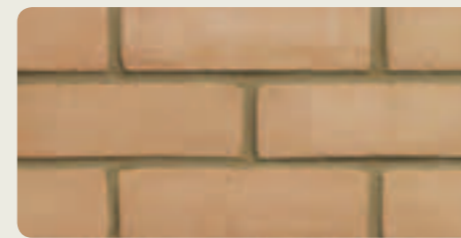
Atherstone Red Multi - Page 22



Autumn Glow Multi - Page 22



Oakthorpe Red Multi Stock - Page 23



Atherstone Buff - Page 32



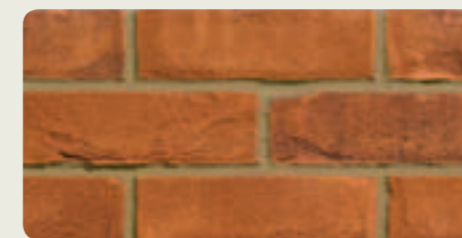
Chelsea Smoked Red - Page 22



Westcroft Red Multi - Page 23



Atherstone Buff Multi - Page 32



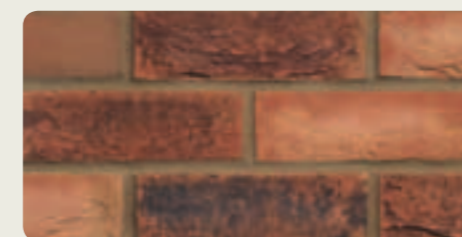
Chertsey Antique Blend - Page 22



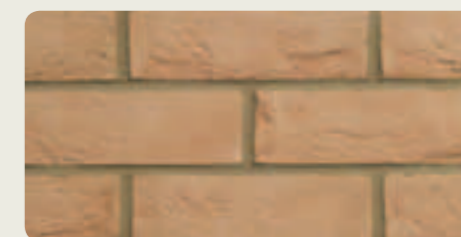
Belgravia Gault Blend - Page 32



Camden Yellow Multi - Page 35



Hampton Rural Blend - Page 23



Oakthorpe Buff Stock - Page 32



Hampton Rural Blend



Oakthorpe Buff Multi Stock - Page 32

GET INSPIRED

Get inspired for your next project - check out our new online inspiration gallery at: www.ask-hanson.com/inspire



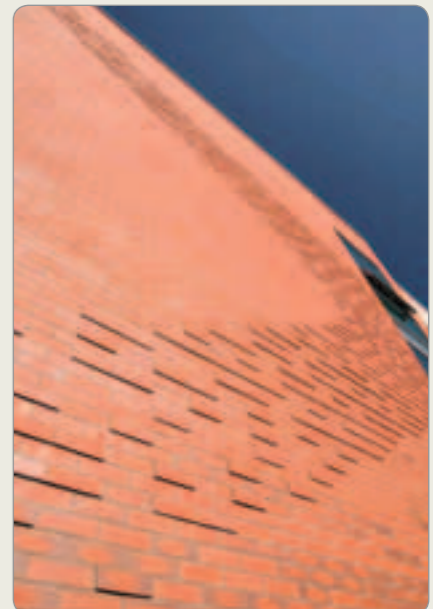
Dark Multi Smooth



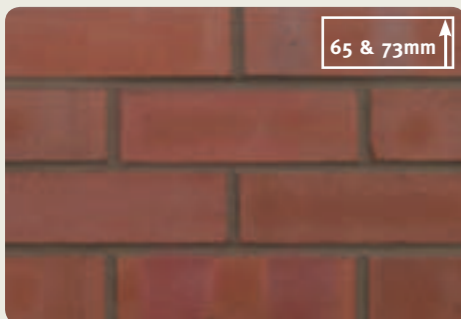
Dark Multi Smooth



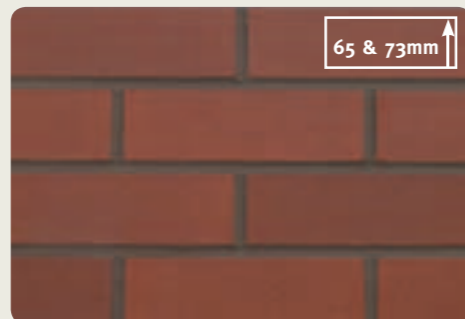
County Multi Smooth



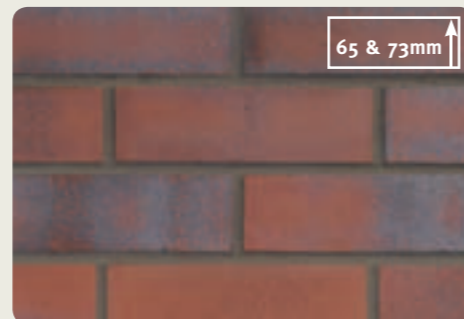
County Multi Smooth



County Multi Smooth



County Red Smooth



Dark Multi Smooth

For further information and details on our products, visit www.ask-hanson.com/bricks or call us on **0330 1231017** to speak to one of our professional advisors.



Abbey Blend



Abbey Red Mixture



Abbey Red Multi



Airedale Multi Dragfaced



Cheshire Red Multi



Arden Special Reserve



Cheshire Red Multi



Cheshire Red Multi



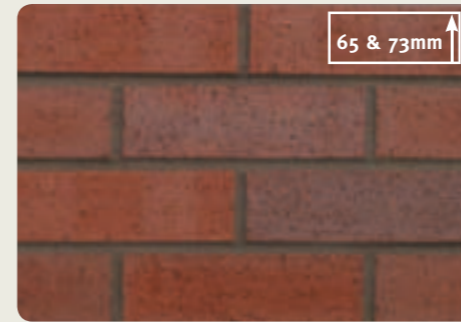
Abbey Red Multi

**NEW BRICK SPECIALS
SELECTOR NOW ONLINE**

To view our complete special
shaped brick range visit:
www.ask-hanson.com/specials



Clumber Red Mixture



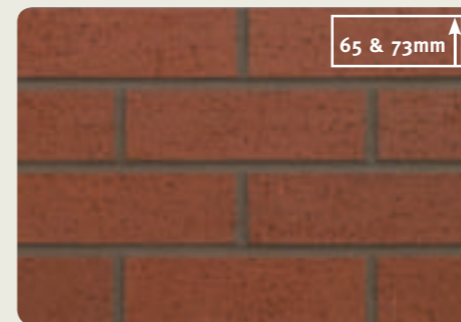
County Multi Dragfaced



Dark Tame Valley



Heather Multi



County Red Dragfaced



Edwardian Dragfaced



Kimbolton Red Multi



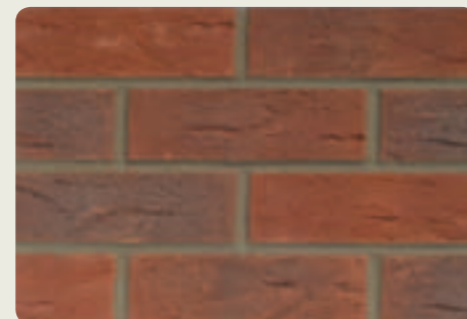
Clumber Red Mixture



Chidwell Multi



Clumber Red



Clumber Red Mixture



Kirby Red Multi



Abbey Blend (see page 12)

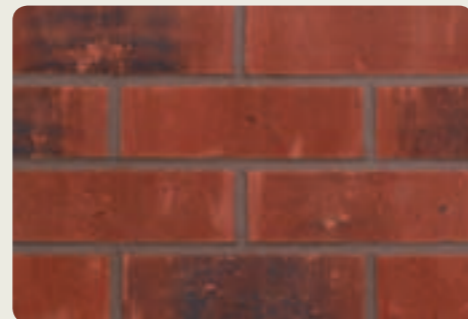
Focus on eco habitats

Hanson manufacture a range of bat and swift boxes suitable for new build and extensions. See page 49 for further details.



Kirby Red Multi

New 2014



Lindum Cottage Red Multi

New 2014



Old English Brindled Red

New 2014

For further information and details on our products, visit www.ask-hanson.com/bricks or call us on **0330 1231017** to speak to one of our professional advisors.



Laggan Mixture



Moray Red Mixture



Old Trafford Red



Queens Blend

**ORDER YOUR
BRICK SAMPLES
TEL 0330 123 1017**

Order your free brick sample cards now or visit online:
www.ask-hanson.com/bricks



Arden Special Reserve (see page 13)



Thoresby Red Multi



Tame Valley Red Mixture



Village Sunglow

New 2014



Thoresby Red Multi

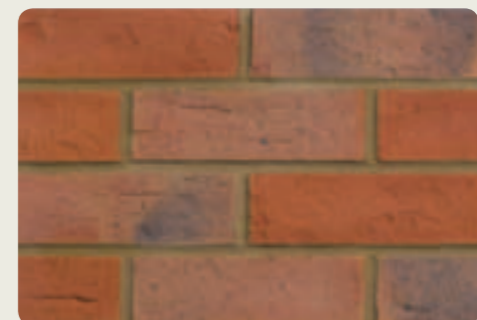


Wentworth Mixture

New 2014



Victorian Mixture



Worcestershire Red Multi

New 2014



Rannoch Red Multi



Red Dragfaced



Rufford Red Multi



Sherwood Red Mixture



Village Russet Red Mixture



Yorkshire Red Blend

**RESPONSIBLE
SOURCING BES 6001**

All Hanson bricks are certified as 'very good' under **BES 6001**
SEE PAGE 6 FOR MORE DETAILS



New 2014



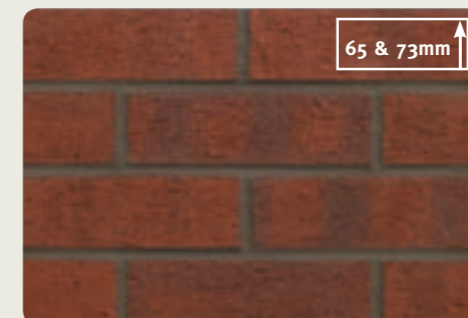
Braemar Red Rustic



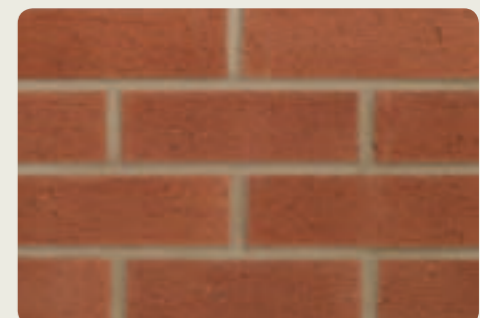
Burghley Red Rustic



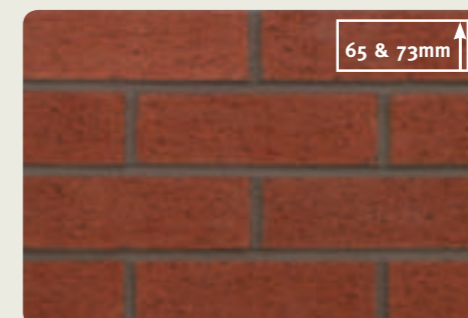
Dark Multi Rustic



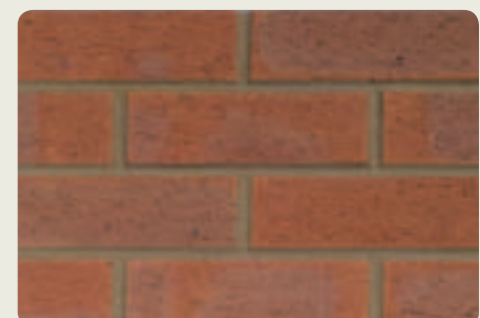
County Multi Rustic



Nottingham Red Rustic



County Red Rustic



Old English Rose Rustic

Nottingham Red Rustic



Chelsea Smoked Red

Photo courtesy of Countryside Properties

For further information and details on our products, visit www.ask-hanson.com/bricks or call us on **0330 1231017** to speak to one of our professional advisors.

The Ecostock[®] brick range featured on this page comes from our new brick manufacturing facility at Measham, which features the latest sustainable production technology. See pages 8-9 for more information.



Stock - pressed

Stock - thrown



Atherstone Red



Autumn Glow



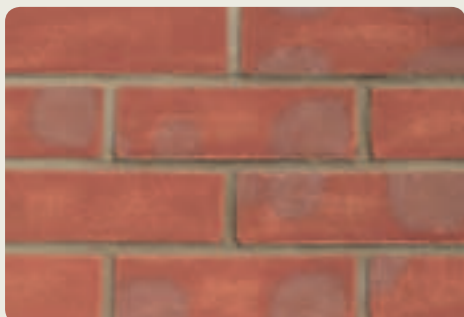
Chelsea Smoked Red



Hampton Rural Blend



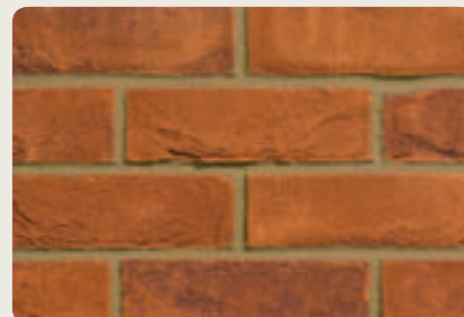
Hampton Rural Blend



Atherstone Red Multi



Autumn Glow Multi



Chertsey Antique Blend



Oakthorpe Red Stock



Oakthorpe Red Multi Stock



Westcroft Red Multi



Woodstock Blend Reserve



Breckland Multi Reserve, Blue Smooth

For further information and details on our products, visit www.ask-hanson.com/bricks or call us on **0330 1231017** to speak to one of our professional advisors.



Breckland Multi Reserve



Crowhurst Multi Reserve



Chatsworth Multi



South Down Multi



Woodstock Blend Reserve



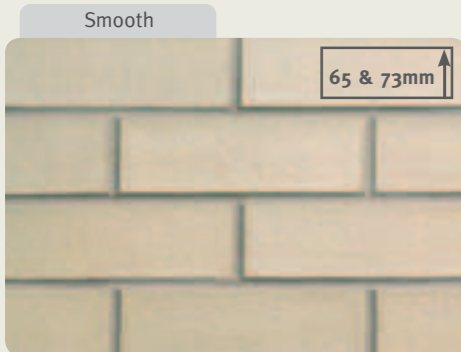
South Down Multi

NEW BRICK SELECTOR

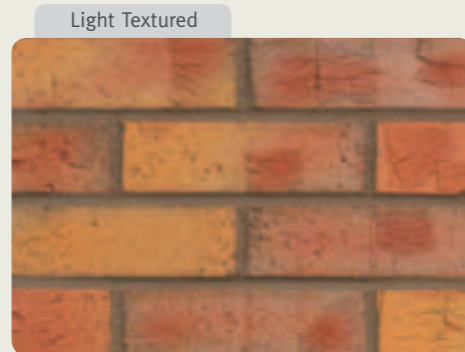
Find the perfect brick for your latest project using our new online brick selector tool
www.ask-hanson.com/bricks



Leicestershire Russet Mixture



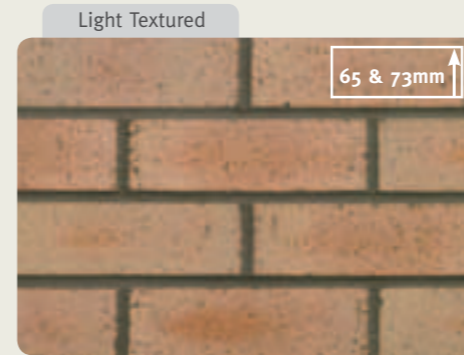
Wilnecote Buff Smooth



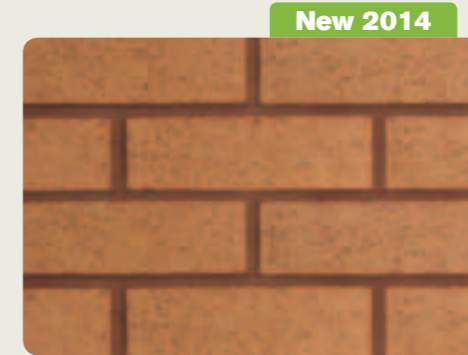
Abbey Buff Multi



Ashby Light Buff



Brindley Buff



Cumbria Buff Rustic



Burwell Buff



Elgin Buff



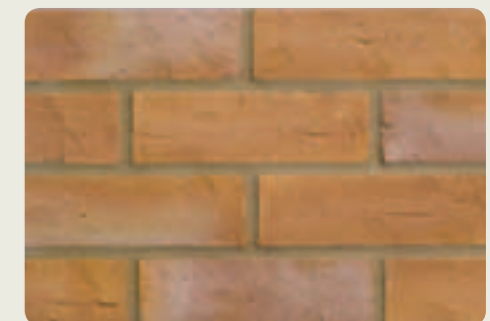
Ingleborough Buff Multi



Calderdale Straw Rustic



Harborough Buff Multi



Leicestershire Russet Mixture



Clumber Buff



Countryside Multi Buff



Clumber Buff

Bufs
 Smooth &
 Light Textured

**NEW BRICK SPECIALS
SELECTOR NOW ONLINE**

To view our complete special
shaped brick range visit:
www.ask-hanson.com/specials

Bufs
Light Textured



Thoresby Buff Multi



Yorkshire Multi Buff (see page 30)

New 2014



Lindum Barley Mixture



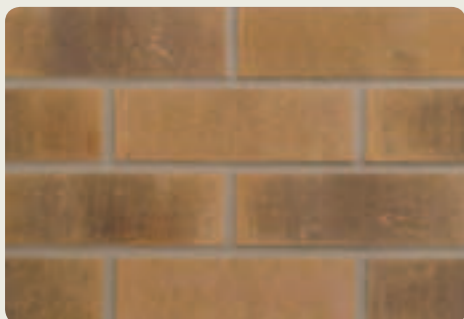
Murrayfield Buff Multi Rustic



Stirling Buff Multi



Thoresby Buff Multi



Lindum Wealdstone Multi



Sherwood Buff Mixture



Tame Valley Buff Dragfaced

New 2014



Torridon Buff Multi



Thoresby Buff Multi

Bufs
Light Textured



www.ask-hanson.com



Abbey Buff Multi (see page 26)

Abbey Buff Multi (see page 26)



Village Golden Thatch



Village Harvest Multi



Yorkshire Multi Buff

FOCUS ON ARCHES

Arch bricks and prefabricated arches are available in all brick types. See page 48 for more information.



Bufs
Heavy Textured



Old English Buff Multi

New 2014



Braemar Buff Rustic



Golden Multiruf



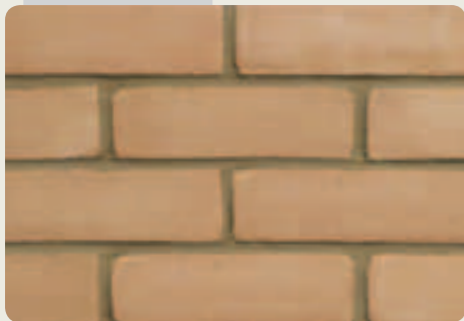
Old English Buff Multi

www.ask-hanson.com



Atherstone Buff

Stock - pressed



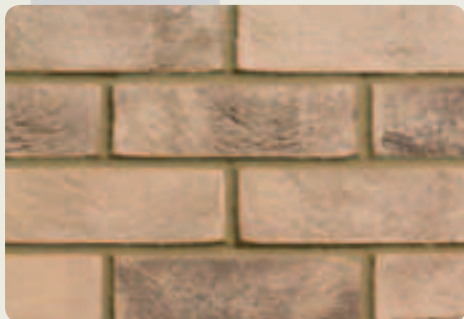
Atherstone Buff



Atherstone Buff Multi

**ORDER YOUR
BRICK SAMPLES
TEL 0330 123 1017**
Order your free brick sample
cards now or visit online:
www.ask-hanson.com/bricks

Stock - thrown



Belgravia Gault Blend



Oakthorpe Buff Stock



Oakthorpe Buff Multi Stock

ecostock[®]
the future of brick

The Ecostock[®] brick range featured on this page comes from our new brick manufacturing facility at Measham, which features the latest sustainable production technology. See pages 8-9 for more information.



Atherstone Buff



Ashwell Yellow Multi

ecostock[®]

the future of brick

The Camden Yellow Multi is a part of the Ecostock[®] brick range which is manufactured at our state-of-the-art brick factory in Measham. The facility features the latest sustainable production technology. See pages 8-9 for more information.

Stock - pressed



Camden Yellow Multi

Yellows

Light, Heavy
Textured &
Stock
- pressed



Beckton Yellow Multi



Camden Yellow Multi

Light Textured



Ashwell Yellow Multi

Heavy Textured



Beckton Yellow Multi



Old English Mixture Rustic



Beckton Yellow Multi, Harbour Buff Multi, Cheshire Red Multi, Worcestershire Red

BRICK BLENDING VISUALISER

Create impact through colour. Try our new online brick blending visualiser to create your own bespoke blends.

www.ask-hanson.com/blends



GET INSPIRED

Get inspired for your next project - check out our new online inspiration gallery at: www.ask-hanson.com/inspire

Village Honey Gold

Browns
Smooth,
Light & Heavy
Textured



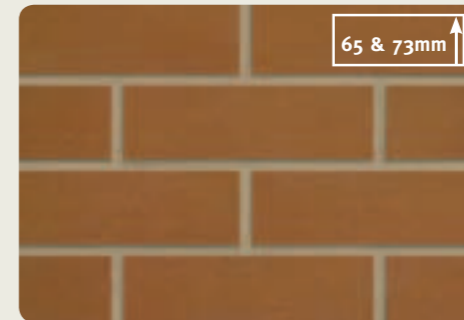
Dark Moroccan Smooth

www.ask-hanson.com

Smooth



Dark Moroccan Smooth



Golden Brown Sandfaced

Light Textured



Brown Rustic

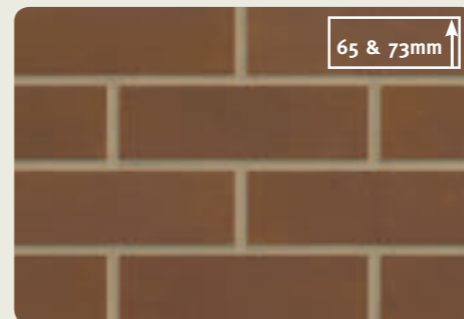


Old English Russet

Heavy Textured



Dark Moroccan Rustic



Farmhouse Brown Sandfaced



Village Honey Gold



Mixed Brown Brindle Rustic

**NEW BRICK SPECIALS
SELECTOR NOW ONLINE**

To view our complete special
shaped brick range visit:
www.ask-hanson.com/specials

**Blues
& Greys**
Smooth, Light &
Heavy Textured



Dovedale Grey Dragfaced



Blue Smooth

Smooth

Light Textured

Heavy Textured



Blue Smooth

Dovedale Grey Dragfaced

Milldale Grey Multi Dragfaced

Blue Rustic

Chatsworth Grey Rustic

For further information and
details on our products, visit
www.ask-hanson.com/bricks
or call us on **0330 1231017**
to speak to one of our
professional advisors.

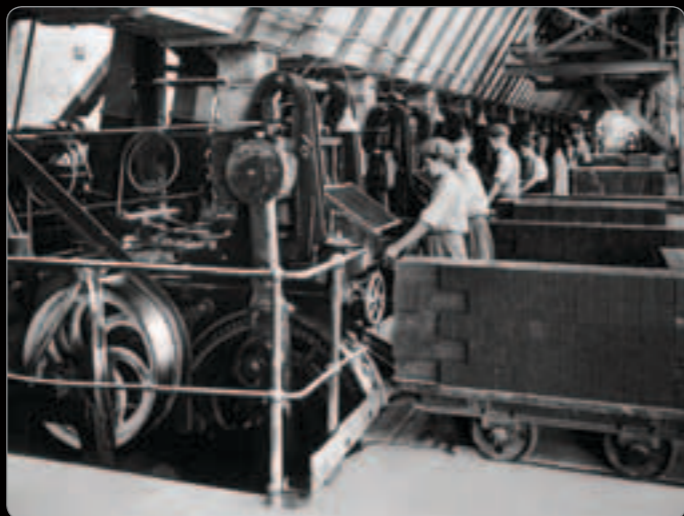
—THE ORIGINAL—

London A MATCH LIKE NO OTHER

The original London brick goes back over 130 years and has been used in the construction of over 5 million homes. There are 23 bricks in the range available in the standard 65mm size, with 4 types available in 73mm.

The range has a variety of colours and textures, from a classic Rustic brick, symbolic of the housing boom in the second half of the 20th century, through to yellows and buffs, such as Saxon Gold and Honey Buff.

London brick continues to be the first choice for the renovation, maintenance and improvements market. Builders and specifiers can be confident of the product's ability to colour match existing dwellings and provide quality and reliability founded on over 130 years of brick making expertise.



Our new London brick matching guide is now available to help builders, merchants and specifiers find the perfect match for extension, renovation or restoration projects.

The new guide builds on the success of our previous London brick swatches, and its accurate colour reproduction will make it easy for builders and specifiers to match bricks from the brochure with existing housing stock on site.

For your free copy, contact us on 0330 1231017, or email bricks@hanson.com or visit www.ask-hanson.com/london



London brick matching guide

Easy brick matching for your extension, renovation or restoration project.



Golden Buff - Example of an extension matching London bricks to existing ones



Golden Buff

When extending a property, it is often a planning requirement that the brick used is a match for the brick on the original building.

With over 5 million homes in the UK built of London bricks, there's a good chance that we have a match like no other.

London brick technical information

Technical specification

London bricks have the distinctive 'frog' feature making them easier to cut and handle.

All London bricks are manufactured to comply with BS EN 771 – Part 1: Specification For Clay Masonry Units to a size of 215mm x 102.5mm x 65mm. Certain bricks are also available in 73mm.

All Hanson products are manufactured under a quality assurance system which conforms to BS EN ISO 9001:2008 and an Environmental Management System to ISO 14001:2004. Copies of our certificates are available to download from www.hanson.com/uk.

Special shapes

We do not recommend London bricks for use as copings, cappings or cills.

Alternatively, we maintain a select range of specials in smooth red and smooth blue. These are ideal for garden walls, conservatories and other design features to add the finishing touches and give added protection to the brickwork.

Detailing

- The use of London Brick products should be treated with caution in areas of severe exposure to driving rain, prolonged saturation and frost. Please refer to page 57 for further information regarding the detailing of such structures.
- The use of sulphate-resistant cement-based mortars is strongly recommended where bricks are subject to severe exposure to the elements.
- Painting directly on to walls constructed of London bricks is generally not recommended.
- For all product suitability queries please contact the Walling Solutions Technical Centre for further information.





COLOUR MATCHING
 Choosing a brick to match an existing property?
 Call **0330 1231017** for a free copy of our London brick matching guide.
www.ask-hanson.com/london



Heather



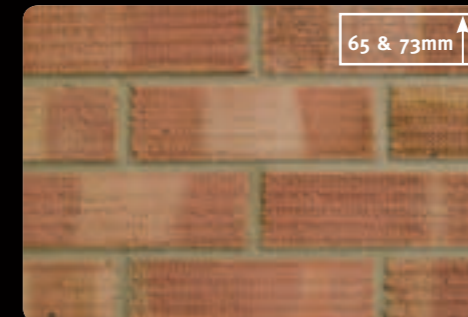
Sandfaced



Regency



Sunset Red



Rustic



Tudor

Regency

The bricks on the following pages have been organised by colour categories, so that you can quickly find the colour ranges that suit your projects. In some cases texture is as important as colour to reflect the look and feel of existing brickwork and to ensure a correct match.



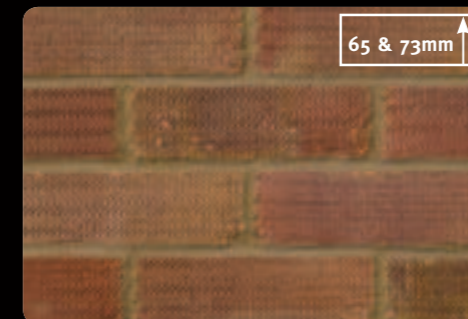
Chiltern



Claydon Red Multi



Georgian



Rustic Antique



Windsor

COLOUR MATCHING

Choosing a brick to match an existing property?
Call **0330 1231017** for a free copy of our London brick matching guide.

www.ask-hanson.com/london



Hereward Light



Golden Buff



Brindle



Honey Buff



Ironstone



Brecken Grey



Milton Buff



Longville Stone



Cotswold



Nene Valley Stone



Saxon Gold



Dapple Light

**NEW SPECIAL SHAPED BRICKS
SELECTOR ONLINE NOW**

This online resource provides easy access to a comprehensive range of British Standard and non-standard special shaped bricks and makes it easy to research and share information about more than 300 different special shaped bricks.

View our complete brick specials range:
www.ask-hanson.com/specials



Hanson Cradley specialises in the manufacture of handmade British Standard and non-standard brick specials, which are available in all brick types, enabling special shaped brick matching.

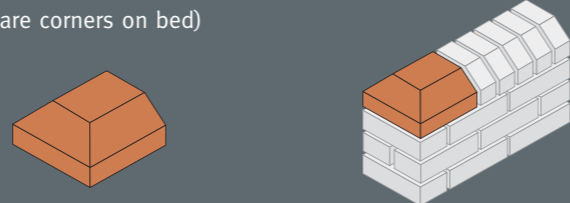
Hanson Cradley can produce non-standard and bespoke brick specials to almost any specific design, shape and size to create unique brickwork features and detailing.



AN.1 Squint (left or right hand)



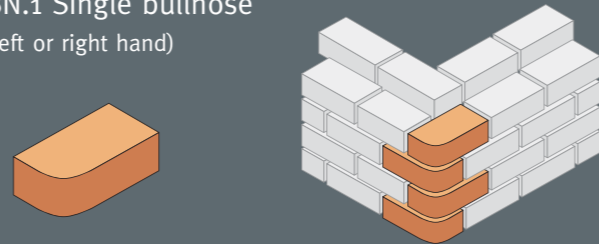
AN.12 Double cant stop end (square corners on bed)



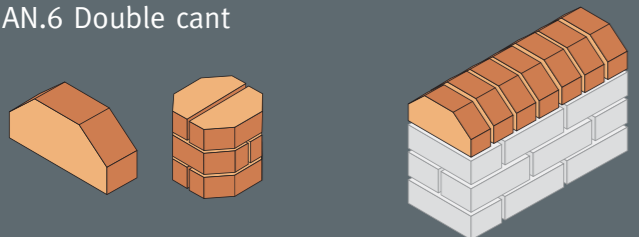
AN.5 Single cant (left or right hand)



BN.1 Single bullnose (left or right hand)



AN.6 Double cant



BN.2 Double bullnose



BN.5 Single bullnose header on flat



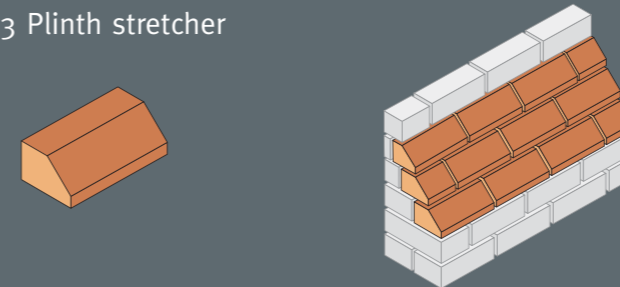
BN.19 External return to double bullnose on edge and to Bullnose Double Header on Flat (square corners on bed)



PL.2 Plinth header



PL.3 Plinth stretcher



PL.4 Plinth internal return - long (left or right hand)



PL.7 Plinth external return (left or right hand)



CRADLEY® Non-standard and bespoke specials

Hanson offers a full range of British Standard special shaped bricks but there are times where non-standard and bespoke bricks are required. Our dedicated special shaped bricks department can

design and manufacture according to your specific requirements. From large format pier caps and date bricks through to specially designed decorative bricks - we can provide a cost-effective and quick service.



Copings and cappings

Our extensive range of copings and cappings are used to cap the tops of parapet, freestanding or earth retaining walls. For further information on sizes and specification contact us on **0330 1231017** or visit www.ask-hanson.com/specials

See page 57 for information relating to good design practice for freestanding and earth retaining walls.



Slips and spacing bricks

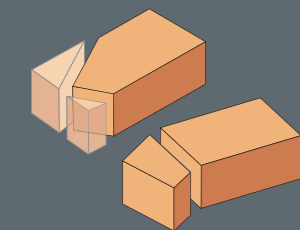
A range of brick slips are used to create the appearance of solid brickwork utilising thin slips as a cladding or covering to various types of structure.

Spacing bricks of engineering quality are the ideal solution for manhole covers where there is a discrepancy between the level of the road and the level of the manhole cover.



Prefabricated arches

Hanson provide a range of prefabricated arches, providing a fast and simple method of construction, reducing on-site wastage and adding attractive detailing to a development.



Cut and bond bricks

An economical alternative to many standard specials, with the added bonus of reduced lead times, our cut and bond specials are produced under the strict control of our quality assurance system. They are epoxy bonded making them suitable for both internal and external applications.



Date and name bricks

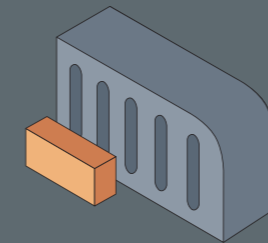
Date and name bricks add a unique and interesting design feature to brickwork. They are available in a number of sizes and can be produced to any design or specification.



Cill and scroll bricks

Designed to provide the correct overhang and drip detail to ensure durability of brickwork.

Scroll bricks can be used as a decorative surround for openings or as a design feature within a standard brick wall.



Large format pier caps

Hanson Cradley can manufacture a range of large format brick units emulating the Victorian preference for large section brickwork. These were used to cap walls, pillars and on major civil engineering projects such as canals and railways.



Eco habitats for bats and swifts

Hanson Cradley's bat and swift boxes create artificial habitats for wildlife to roost safely. This is a simple way of neatly incorporating a nest boxes into new buildings and extensions.

For more information, order samples, or to request a copy of our guide to brick specials:

Tel: 0330 1231017 or Email: brickspecials@hanson.com

NEW SPECIAL SHAPED BRICKS SELECTOR ONLINE NOW

This online resource provides easy access to a comprehensive range of British Standard and non-standard special shaped bricks and makes it easy to research and share information about more than 300 different special shaped bricks.

View our complete brick specials range:
www.ask-hanson.com/specials



Hanson Red Bank has been producing high-quality chimney products, ridge tiles and fitments for over 100 years, alongside its comprehensive range of quality clay building products.

With such a wealth of experience and expertise, Hanson Red Bank has achieved technical excellence in an unrivalled product range, adding distinction and character to all types of architecture. Below are a few examples of the vast range of chimney pots and terminals available from Hanson. **For further product information contact us on Tel: 01530 270333 or visit www.hanson.com/uk**

TEL 01530 270333
Call our dedicated sales hotline for further information.

Chimney pots and gas flue terminals

Round tapered and cannon head



Ventilating inserts (not to be used with live appliances)



Squares



Octagons



Gas flue terminals (for Class 2)



Louvres, louvre tops



Traditional



Ornamental



H-Type



Ridge tiles and fitments

Plain angle ridge



Half round ridge



Scroll finial



Roll top and decorative inserts



Crested ridge



Crested stop end



Capped angle ridge



Finials



Ventilating ridge tile



Low resistance terminal



Finial bases



DESIGN YOUR OWN FLUE SYSTEM WITH OUR NEW ONLINE ESTIMATOR

Our new flue estimator helps housebuilders and developers design and build the right flue system for their development. Create your own bespoke flue schedules using our easy, step by step guide, helping you to produce a full product listing, diagrams and prices at the touch of a button.

www.ask-hanson.com/flue-estimator

NEW FOR 2014



Call our dedicated sales hotline for further information.



Hanson Red Bank manufactures the largest range of masonry chimney products in the UK suitable for all domestic fuels. The latest Building Regulations require a reduction in carbon usage, and significant carbon savings can be achieved by installing a chimney and flue system that uses a renewable fuel such as wood or wood pellets.

The benefits of installing a fireplace

Installing a fireplace adds aesthetic appeal and value to your home. In addition, substantial carbon savings can be achieved by using alternative heating fuels as a secondary heat source.

High-performance pumice-based concrete flue liners

Hanson Red Bank's range of 175mm high-performance pumice-based concrete liners have been developed to meet the growing demand for flue products to suit modern efficient wood-burning, multi-fuel and gas-fired appliances and more stringent environmental requirements.

With the products' natural high thermal properties, enhanced performance to meet these exacting standards is ensured.

Rediflow concrete gas flue system

Hanson Red Bank's range of Rediflow pre-cast concrete gas flue block systems are manufactured to BS EN 1858 Chimney – Components – Concrete Flue Blocks (Type B flue blocks). The innovative tongue and groove design helps to eliminate the possibility of escaping flue condensates and ensure the safe discharge of the flue gases.

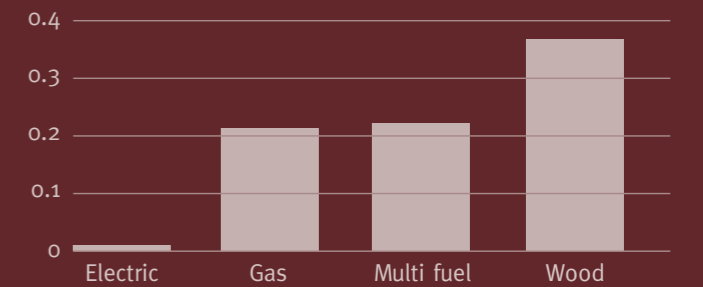
Concrete class 1 flue liners

Hanson Red Bank's range of concrete flue liners are manufactured in accordance with BS EN 1857 Chimneys – Components – Concrete Flue Liners as required under Approved Document J 'Combustion Appliances and Fuel Storage Systems'.

Clay class 1 flue liners

Hanson Red Bank's range of clay flue liners are manufactured in accordance with BS EN 1457:1999 Chimneys – Clay/Ceramic flue liners as required under Approved Document J 'Combustion Appliances and Fuel Storage Systems'.

Carbon savings (kg/kW hour)



Carbon savings using other fuels compared with electricity

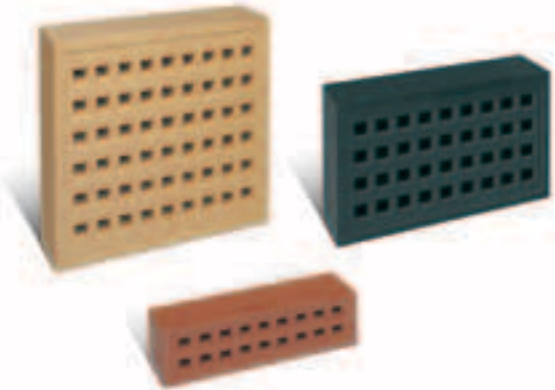


Hanson Red Bank's air bricks are produced in three standard smoothfaced colours (red terracotta, buff fireclay and blue-black), with a choice of three styles (louvre, square and rectangular) and three heights (65mm, 140mm and 215mm).



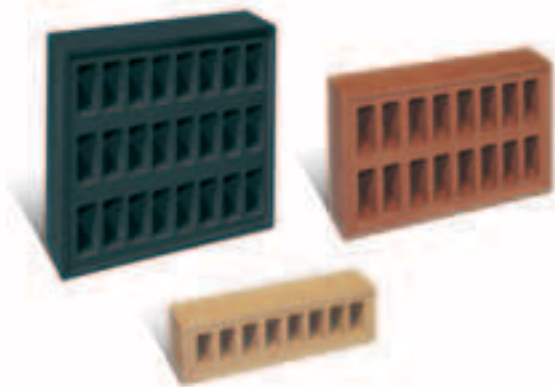
Louvre air bricks

List no.	Size (width x height x depth)	Minimum free air space
363	215mm x 65mm x 50mm	1400mm ²
364	215mm x 140mm x 50mm	2800mm ²
365	215mm x 215mm x 50mm	4500mm ²



Square air bricks

List no.	Size (width x height x depth)	Minimum free air space
350	215mm x 65mm x 50mm	1300mm ²
351	215mm x 140mm x 50mm	2900mm ²
352	215mm x 215mm x 50mm	4500mm ²



Rectangular air bricks

List no.	Size (width x height x depth)	Minimum free air space
372	215mm x 65mm x 50mm	2300mm ²
373	215mm x 140mm x 50mm	6000mm ²
374	215mm x 215mm x 50mm	10250mm ²



Horizontal duct

List no.	Size (width x height)	effective depth
400	215mm x 65mm	100-300mm in 25mm progressions
401	215mm x 140mm	100-300mm in 25mm progressions
402	215mm x 215mm	100-300mm in 25mm progressions



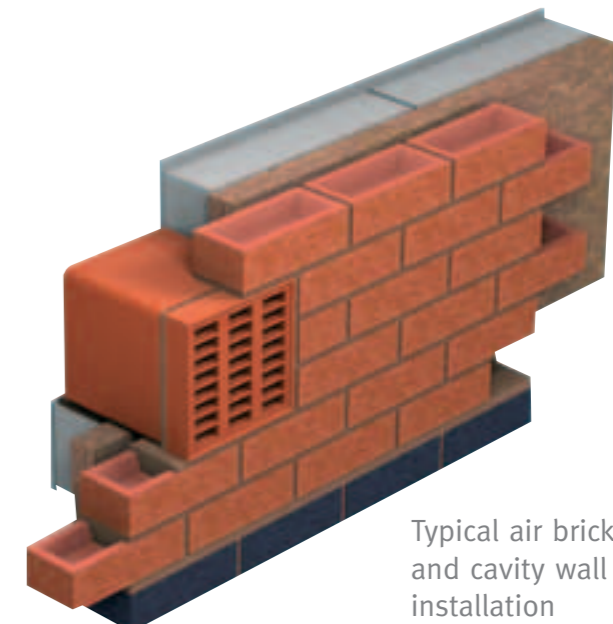
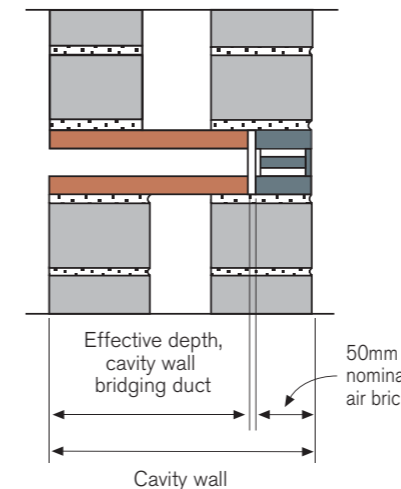
Inclined duct (One course 75mm rise)

List no.	Size (width x height)	effective depth (200mm standard)
407	215mm x 65mm	150-300mm in 25mm progressions
408	215mm x 140mm	150-300mm in 25mm progressions
409	215mm x 215mm	150-300mm in 25mm progressions



Inclined duct (Two course 150mm rise)

List no.	Size (width x height)	effective depth (200mm standard)
403	215mm x 65mm	150-300mm in 25mm progressions
404	215mm x 140mm	150-300mm in 25mm progressions
405	215mm x 215mm	150-300mm in 25mm progressions



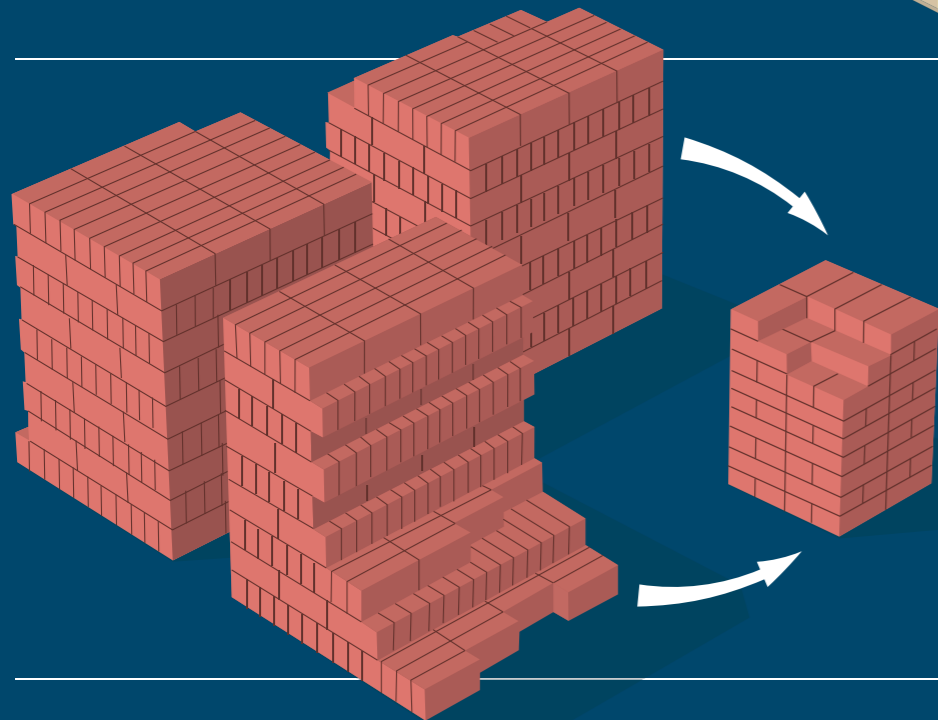
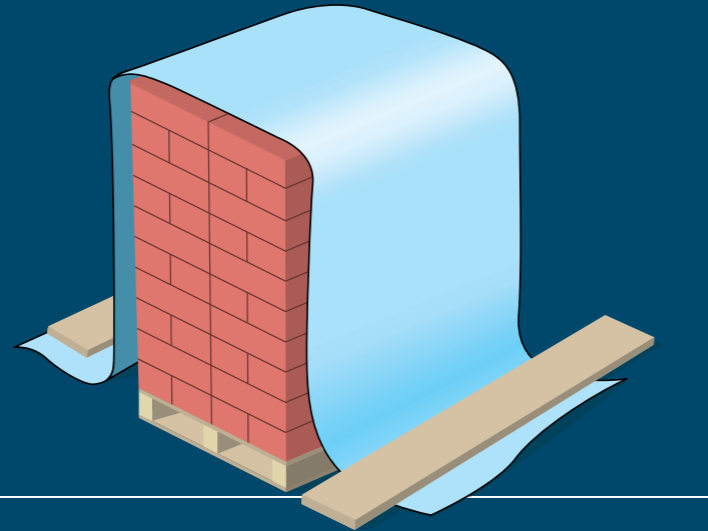
Typical air brick and cavity wall duct installation

Professional tips for better brickwork

Make your 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. Polythene wrapping provides protection from the weather; if this is removed for inspection it needs to be replaced or alternative protection needs to be provided.



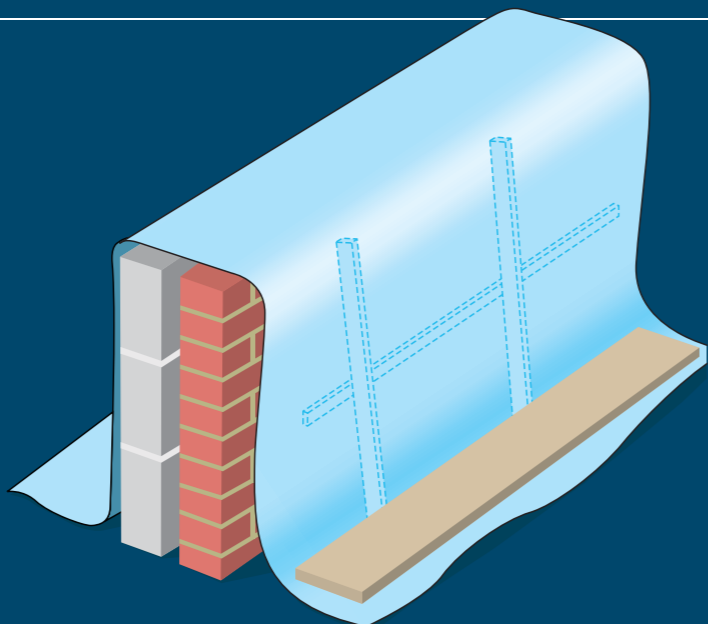
Blending bricks

Bricks should be loaded-out from a minimum of 3 packs and 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.

Protection of newly built brickwork

When work stops or is interrupted by inclement weather conditions, brickwork should be protected immediately with polythene sheeting that is held in place with a suitable fixing. If new brickwork is not protected, lime stains, efflorescence, patchy mortar colour and patchy brickwork 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.



Frost protection

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 : 1/4 : 3). This will also act as a rigid DPC.
- The main body of the wall is to be constructed in “F2/S2” quality facing bricks (M6 mortar or 1 : 1/2 : 4 1/2)
- All copings must “F2/S2” quality and have a water absorption not exceeding 7% (M12 mortar or 1 : 1/4 : 3)
- Hanson 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 45mm
- “F1” quality bricks must not be used for the main body of the wall, cappings or copings on freestanding walls

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.

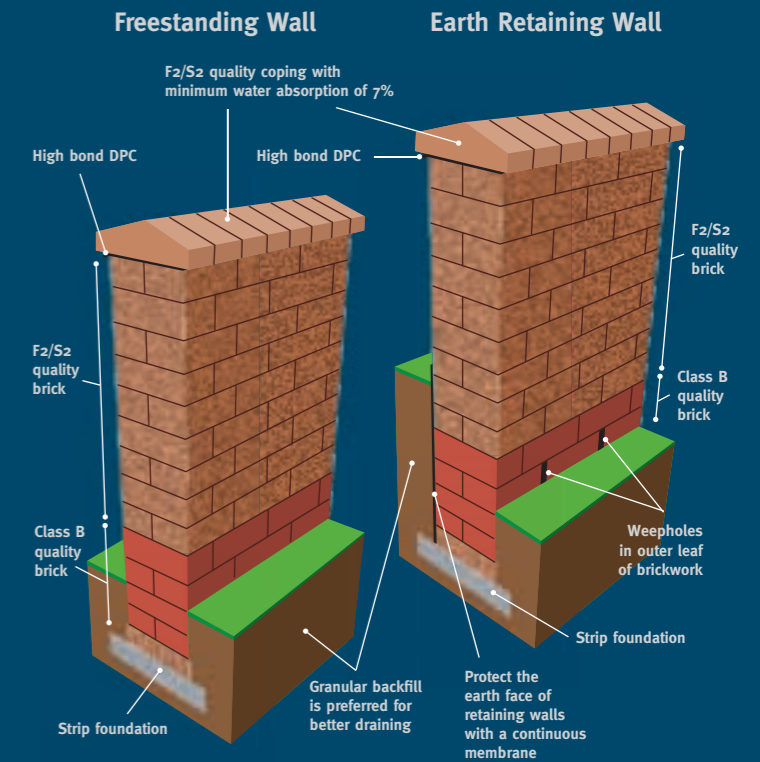
Earth retaining walls

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 : 1/4 : 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 occurring, it is advisable to choose a brick of high strength and low water absorption as an added precaution.

It is important to follow the above-mentioned good building practice details when constructing walls and other vulnerable structures.

The areas indicated in blue on the diagram of the house show where as a minimum, only F2 category products should be used.

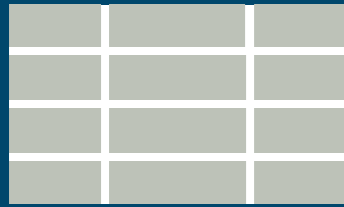
Care should always be taken to observe relevant design details and current Codes of Practice.



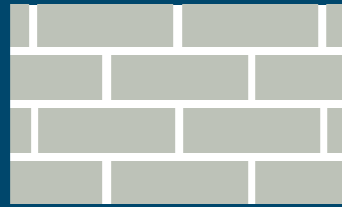
Brick design considerations

A guide to help you get more from your bricks

Brick bond patterns

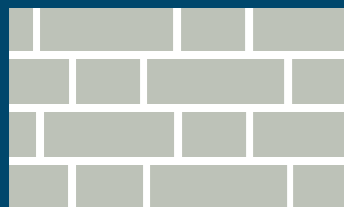


Stack bond

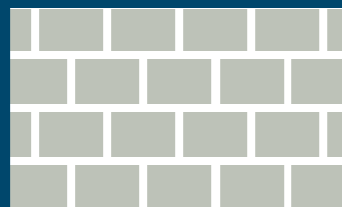


Stretcher bond

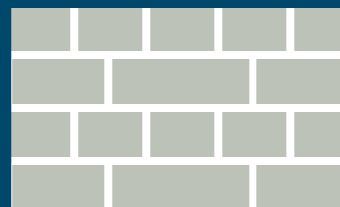
The purpose of bonding is to make brickwork uniform in structure and composition and to maximise its strength, durability and visual appeal. Here are five of the most popular bonding patterns used in the UK.



Flemish bond



Header bond



English bond

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*

The mortar is raked out to leave the edge of the brickwork exposed, picking out individual bricks and 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 should not be used in areas exposed to high levels of wind driven rain. Recessed joints should not be raked out to more than 5mm.

Mortar colours

Mortar colour can have a significant impact on the look of a building as generally mortar represents around 15% of the total visible brickwork area. When choosing mortar colours it may be advisable to construct sample panels on site.



Our companies and products

Hanson UK is the leading supplier of heavy building materials to the UK construction industry. We are split into three business lines – Hanson Cement, Hanson Building Products and Hanson Quarry Products. Hanson UK is owned by the HeidelbergCement Group, which employs over 53,000 people and operates worldwide. Hanson UK employs around 4,200 people across over 300 sites. For detailed information on all areas of Hanson and our products visit: hanson.com/uk

Hanson UK products and services

Concrete

- Ready-mixed concrete
- Ready-mixed mortar
- Dry silo mortar
- Screed
- EcoPlus

Aggregates

- Sand
- Gravel
- Crushed rock
- Recycled aggregates

Asphalt

- Hot rolled asphalt
- Stone mastic asphalt
- Asphalt macadams



Contracting

- Highway maintenance
- Road surfacing
- Civil engineering
- Wind farm construction
- Waste to energy facilities
- MOD works

Bulk cement products

- Grey
- White
- Blends
- Regen (GGBS)

Packed products

- Cement
- Ready to use concrete, mortars, asphalt, aggregate and sand



Bricks

- Clay bricks and brick specials
- Clay pavers
- Bespoke clay products



Blocks

- Aircrete
- Aggregate



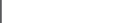
Precast concrete

- Retaining walls
- Culverts
- Barriers
- Floors
- Stairs
- Structural walls
- Basements
- Off-site solutions



Cladding and render systems

- Cladding and render systems
- External Wall Insulation (EWI)
- Structural EWI
- Fastbrick



Other products and services

- SUDS
- Geothermal
- Roofing
- Chimneys
- Brick and block laying contractors



GreenBookLive



Hanson's Thermalite aircrete blocks are stocked in a large network of builders merchants across the UK, ensuring easy availability. The extensive product range means that a variety of tried and tested, cost-effective solutions can be offered for wall, floor and below-ground constructions.

Thermalite blocks are ideal to help achieve all levels of the Code for Sustainable Homes. Their inherent properties of good thermal mass, excellent air permeability (when constructed in accordance with Building Regulations) and high sound insulation help gain points towards various Code levels. In addition, Thermalite's thermal insulating properties help achieve lower U-values and reduce heat loss at the junctions of building elements.

Thermalite benefits

- High insulation
- Moisture resistant
- Fire resistant
- Frost resistant
- Strong and durable
- One hand lift
- Easily worked
- Easily fixed to
- Easy to finish



Trenchblock® Tongue and Groove

Thermalite's Trenchblocks are a revolutionary thermal building block for solid foundation walls. Trenchblock is simple to lay, with 'interlocking' tongue and groove joints at each end, easy to transport and does not require mortar on the perp ends - saving time and labour spent mixing, moving and applying mortar.

Equivalent to two standard size aggregate blocks plus concrete infill means only one skin to build, half the number of blocks to handle and, with built-in moulded handholds at each end, manual handling is safer, easier and quicker.

Trenchblock Tongue and Groove benefits

- Less waste
- Easy to cut and handle
- Ideal for brownfield sites
- Over 50% less labour time
- Up to 80% recycled materials
- Compliant with CDM Regulations
- No mortar required on perp ends
- Available in strengths of 3.6N/mm² and 7.3N/mm²
- Suitable for soils up to and including class DS 4 sulphate levels
- Better thermal insulation than standard blocks



Achieving U-values for new builds and extensions

New build U-values

There are many ways of achieving the required improvement in CO₂ emissions specified in the Code for Sustainable Homes because there is a multitude of options in terms of materials and renewables available, as well as site-specific aspects such as orientation of the building. However, the work carried out by the Energy Saving Trust acts as a starting point and gives design U-values as follows:

Code level	Building element	Energy Saving Trust solution
3	Roof	0.13
	Walls	0.25
	Exposed floors	0.20
4	Roof	0.13
	Walls	0.20
	Exposed floors	0.20
5 and 6	Roof	0.13
	Walls	0.15
	Exposed floors	0.15

Thermalite blocks can offer a cost-effective solution to meet all levels of the Code. Please contact our customer services department on 08705 626500 for more information.



Extension U-values

The Code does not apply to extensions.

Standards for new thermal elements are specified in Approved Document L1B 'Conservation of fuel and power in existing dwellings'.

The U-value requirement for new walls in extensions is 0.28W/m²K although the Building Control Body may specify lower limits, depending on the situation

Thermalite blocks easily meet the U-values required and are a cost-effective solution.



Partial fill cavity - 0.28W/m²K
 Hanson brick outer leaf
 50mm clear cavity
 45mm phenolic insulation
 100mm Thermalite shield
 Plasterboard on dabs



Full fill cavity - 0.26W/m²K
 Hanson brick outer leaf
 100mm mineral wool
 100mm Thermalite Shield
 Plasterboard on dabs

NEW ONLINE U-VALUE CALCULATOR FOR WALL CONSTRUCTIONS

Our easy to use new online U-value calculator allows instant thermal assessments on a variety of masonry wall construction methods that use Hanson products. On completion a U-value report can be emailed to you, giving a breakdown of your selections.

www.ask-hanson.com/u-values



INNOVATION IN WALLING SOLUTIONS

Hanson endeavours to offer solutions for the construction industry by providing innovative walling systems. Whatever the aesthetic, practical or decorative requirements of a project, Hanson's walling systems provide the architect and building designer with products that offer significant scope for truly imaginative solutions.

- Modular clay bricks and blocks
- Composite brick slip cladding
- Clay rainscreen cladding
- Prefabricated masonry panels

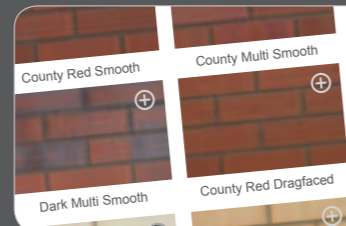
DIMENSIONS[®]
CREATIVE CLAY CONSTRUCTION

wonderwall[®]

LockClad

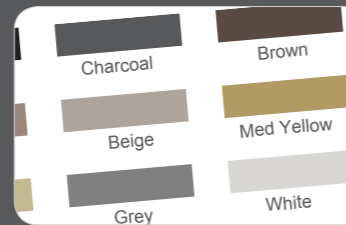
QuickBuild

CREATE YOUR BESPOKE BRICK BLENDS ONLINE NOW



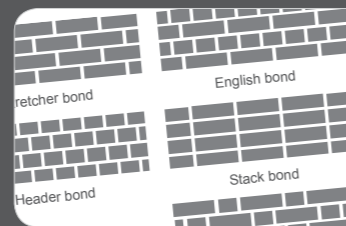
CHOOSE YOUR BRICK TYPE

Select up to five brick types from our Wilnecote range, and vary the percentages of each brick type for each bespoke blend you create.



CHOOSE YOUR MORTAR COLOUR

Select from 9 mortar colours to give your unique blend contrast and impact.



CHOOSE YOUR BOND PATTERN

Choose from 5 bond patterns to vary your bespoke blend and create unlimited designs.



VIEW YOUR CREATION

Download and share your unique blends to share your ideas with clients and colleagues.

Hanson's new brick blending service allows you to choose the brick colours and textures in your façade.

You can select up to five brick types from the 20 available in Hanson's Wilnecote premium extruded range to create a truly bespoke blend.

The number of options is vast so we have created an online brick blending visualiser where you can design your own blend.

Display your creativity and share your blends with clients and colleagues.

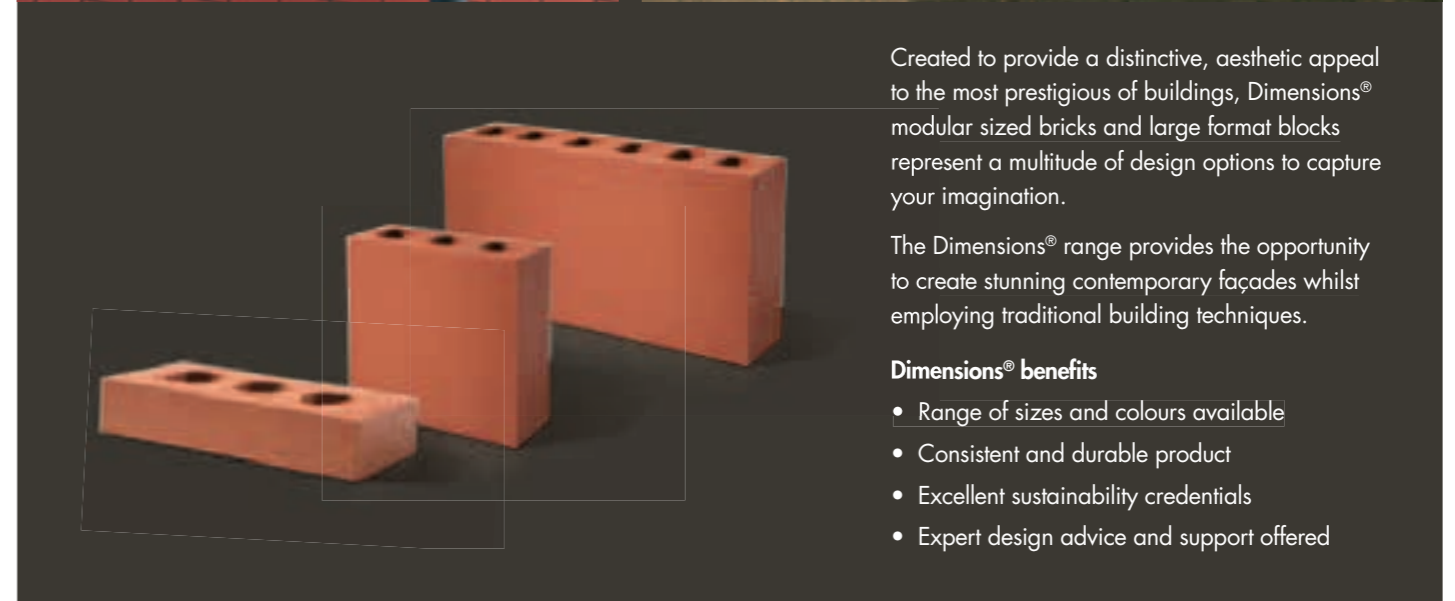
Discuss your project and blend with our technical experts: askhanson@hanson.com or call 0330 123 1018



Create your own blend now
www.ask-hanson.com/blends

Hanson
HEIDELBERGCEMENT Group

DIMENSIONS[®]
CREATIVE CLAY CONSTRUCTION



Created to provide a distinctive, aesthetic appeal to the most prestigious of buildings, Dimensions[®] modular sized bricks and large format blocks represent a multitude of design options to capture your imagination.

The Dimensions[®] range provides the opportunity to create stunning contemporary façades whilst employing traditional building techniques.

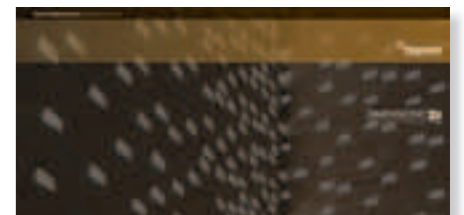
Dimensions[®] benefits

- Range of sizes and colours available
- Consistent and durable product
- Excellent sustainability credentials
- Expert design advice and support offered

For more information on the Dimensions[®] range or to order a product brochure contact our



design and technical team on 0330 123 1018 or visit www.ask-hanson.com/dimensions



wonderwall® composite brick slip cladding



Hanson's Wonderwall® cladding system cleverly combines the advantages of modern construction techniques with the appeal of traditional brickwork. Installation is quick and easy and high insulation values can be achieved. It's ideal for use as a durable, decorative and thermal insulating finish to vertical external walls. Wonderwall® is suitable for cladding to masonry, dense concrete, modular units, timber or metal frames on existing or new build structures.

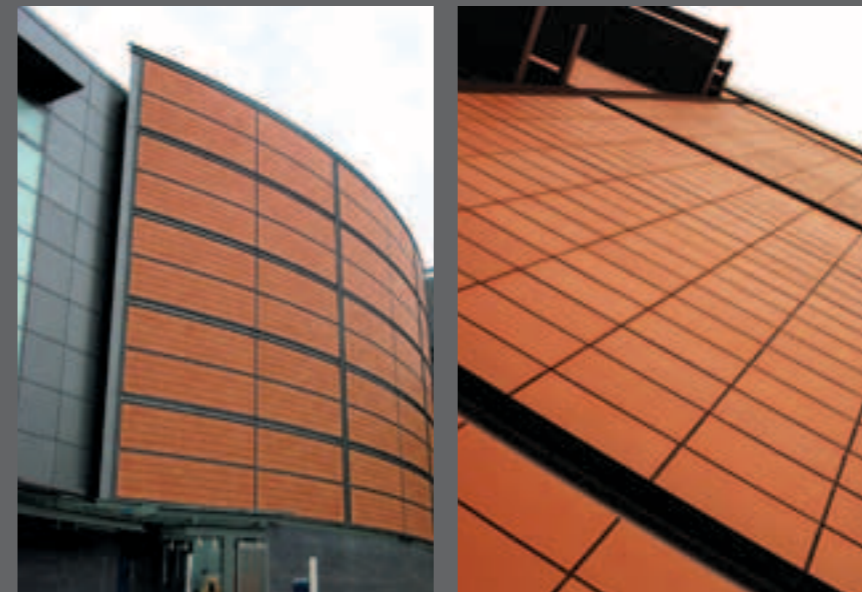
Wonderwall® benefits

- Fast and easy installation
- High insulation values can be achieved
- On-site flexibility
- Durable system that is compatible with traditional masonry
- Suitable for use with a variety of substrates
- Can be used on new builds or refurbishment projects



For more information on the Wonderwall® system or to order a product brochure contact our design and technical team on **0330 123 1018** or visit **www.ask-hanson.com/wonderwall**

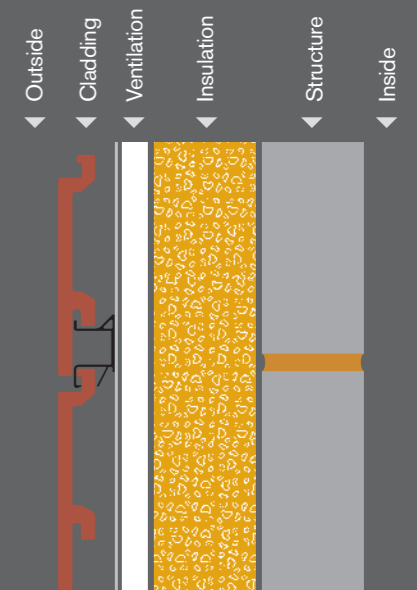
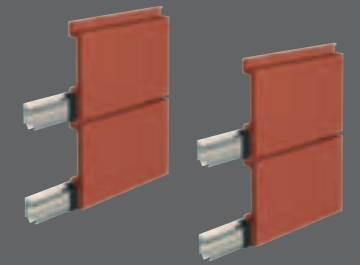
LockClad® external clay rainscreen façade



Hanson's LockClad® system provides an external clay rainscreen façade that is suitable for most types of construction, including, masonry, concrete, timber and steel framed buildings. The system can also accommodate curved facades, corners, angles, window and door openings allowing for excellent flexibility in design.

LockClad® benefits

- Fast and simple to install
- BBA certificated
- Flexible product that gives excellent design options
- Efficient insulation reduces the risk of thermal bridging



For more information on the LockClad® system or to order a product brochure contact our design and technical team on **0330 123 1018** or visit **www.ask-hanson.com/lockclad**



Brick name	Page	Size (mm)	Colour	Manufacture	Texture	Factory	Configuration	Dimensional tolerance mean	Dimensional tolerance range	Dry weight per brick (kg)	Durability rating	Active soluble salts	Water absorption (%)	Comp. strength (N/mm ²)	Pack size
Abbey Blend	P12	215 x 102.5 x 65	Red	W	RB	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Abbey Buff Multi	P26	215 x 102.5 x 65	Buff	W	RB	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Abbey Red Mixture	P12	215 x 102.5 x 65	Red	W	RB	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Abbey Red Multi	P12	215 x 102.5 x 65	Red	W	RB	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Airedale Multi Dragfaced	P12	215 x 102.5 x 65	Red	W	DF	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Arden Special Reserve	P13	215 x 102.5 x 65	Red	W	IT	Des	Vertically perforated 18-25% voids	T2	R1	2	F2	S2	14	40	500
Ashby Light Buff	P26	215 x 102.5 x 65	Buff	W	IT	Des	Vertically perforated 18-25% voids	T2	R1	1.9	F2	S2	20	30	500
Ashwell Yellow Multi	P35	215 x 102.5 x 65	Yellow	W	IT	Kirt	Vertically perforated 11-21% voids	T2	R1	2.15	F2	S2	20	30	495
Atherstone Buff	P32	215 x 102.5 x 65	Buff	P	SS	Mea	Frogged 5-10% voids	T2	R1	2.36	F2	S2	11	35	495
Atherstone Buff Multi	P32	215 x 102.5 x 65	Buff	P	SS	Mea	Frogged 5-10% voids	T2	R1	2.36	F2	S2	11	35	495
Atherstone Red	P22	215 x 102.5 x 65	Red	P	SS	Mea	Frogged 8-13% voids	T2	R1	2.25	F2	S2	13	20	495
Atherstone Red Multi	P22	215 x 102.5 x 65	Red	P	SS	Mea	Frogged 8-13% voids	T2	R1	2.25	F2	S2	13	20	495
Autumn Glow	P22	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 8-13% voids	T2	R1	2.25	F2	S2	13	20	495
Autumn Glow Multi	P22	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 8-13% voids	T2	R1	2.25	F2	S2	13	20	495
Beckton Yellow Multi	P35	215 x 102.5 x 65	Yellow	W	IT	Des	Vertically perforated 18-25% voids	T2	R1	1.9	F2	S2	20	30	500
Belgravia Gault Blend	P32	215 x 102.5 x 65	Buff	TH	C	Mea	Frogged 5-10% voids	T2	R1	2.36	F2	S2	11	35	495
Blue Rustic	P38	215 x 102.5 x 65	Blue	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.5	F2	S2	7	75	448
Blue Rustic 73mm	P38	215 x 102.5 x 73	Blue	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Blue Smooth	P38	215 x 102.5 x 65	Blue	W	SM	Win	Vertically perforated 20-28% voids	T2	R1	2.5	F2	S2	7	75	448
Blue Smooth 73mm	P38	215 x 102.5 x 73	Blue	W	SM	Win	Vertically perforated 20-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Braemar Buff Rustic	P31	215 x 102.5 x 65	Buff	W	RU	Clau		Details available soon - visit www.ask-hanson.com							
Braemar Red Rustic	P21	215 x 102.5 x 65	Red	W	RU	Clau		Details available soon - visit www.ask-hanson.com							
Brecken Grey (London Brick)	P45	215 x 102.5 x 65	Grey	P	IT	Whit	Frogged 15-20% voids	T2	R1	1.95	F1	S2	23	25	390
Breckland Multi Reserve	P24	215 x 102.5 x 65	Red	W	T	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Brindle (London Brick)	P45	215 x 102.5 x 65	Black	P	IT	Whit	Frogged 15-20% voids	T2	R1	1.95	F1	S2	23	25	390
Brindley Buff	P27	215 x 102.5 x 65	Buff	W	DF	Win	Vertically perforated 20-25% voids	T2	R1	2.4	F2	S2	10	50	504
Brindley Buff 73mm	P27	215 x 102.5 x 73	Buff	W	DF	Win	Vertically perforated 20-25% voids	T2	R1	2.8	F2	S2	10	50	384/464*
Brown Rustic	P37	215 x 102.5 x 65	Brown	W	RU	Kirt	Vertically perforated 11-16% voids	T2	R1	2.15	F1	S2	19	20	495
Burghley Red Rustic	P21	215 x 102.5 x 65	Red	W	RU	Kirt	Vertically perforated 11-16% voids	T2	R1	2.15	F1	S2	17	25	495
Burwell Buff	P27	215 x 102.5 x 65	Buff	W	IT	Des	Vertically perforated 18-25% voids	T2	R1	1.9	F2	S2	20	30	500
Calderdale Straw Rustic	P27	215 x 102.5 x 65	Buff	W	DF	Clau		Details available soon - visit www.ask-hanson.com							
Camden Yellow Multi	P35	215 x 102.5 x 65	Yellow	P	SS	Mea	Frogged 5-10% voids	T2	R1	2.36	F2	S2	11	35	495
Chatsworth Grey Rustic	P39	215 x 102.5 x 65	Grey	W	RU	Kirt	Vertically perforated 11-16% voids	T2	R1	1.95	F1	S2	26	20	495
Chatsworth Multi	P24	215 x 102.5 x 65	Red	W	RB	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Chelsea Smoked Red	P22	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 8-13% voids	T2	R1	2.25	F2	S2	13	20	495
Chertsey Antique Blend	P22	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 8-13% voids	T2	R1	2.25	F2	S2	13	20	495
Cheshire Red Multi	P13	215 x 102.5 x 65	Red	W	IT	Des	Vertically perforated 18-25% voids	T2	R1	2	F2	S2	14	40	500
Chidwell Multi	P14	215 x 102.5 x 65	Red	W	IT	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Chiltern (London Brick)	P42	215 x 102.5 x 65	Red	P	IT	Whit	Frogged 15-20% voids	T2	R1	1.95	F1	S2	23	25	390
Claydon Red Multi (London Brick)	P42	215 x 102.5 x 65	Red	P	IT	Whit	Frogged 15-20% voids	T2	R1	1.95	F1	S2	23	25	390
Clumber Buff	P27	215 x 102.5 x 65	Buff	W	IT	Kirt	Vertically perforated 11-21% voids	T2	R1	2.05	F2	S2	20	30	495
Clumber Red	P14	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically perforated 13-25% voids	T2	R1	2.05	F2	S2	17	30	495
Clumber Red Mixture	P14	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically perforated 13-25% voids	T2	R1	2.05	F2	S2	17	30	495
Cotswold (London Brick)	P45	215 x 102.5 x 65	Grey	P	IT	Whit	Frogged 15-20% voids	T2	R1	1.95	F1	S2	23	25	390
County Multi Dragfaced	P15	215 x 102.5 x 65	Red	W	DF	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
County Multi Dragfaced 73mm	P15	215 x 102.5 x 73	Red	W	DF	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
County Multi Rustic	P21	215 x 102.5 x 65	Red	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.5	F2	S2	7	75	504
County Multi Rustic 73mm	P21	215 x 102.5 x 73	Red	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.8	F2	S2	7	75	384/464*
County Multi Smooth	P10	215 x 102.5 x 65	Red	W	SM	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
County Multi Smooth 73mm	P10	215 x 102.5 x 73	Red	W	SM	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
County Red Dragfaced	P15	215 x 102.5 x 65	Red	W	DF	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
County Red Dragfaced 73mm	P15	215 x 102.5 x 73	Red	W	DF	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
County Red Rustic	P21	215 x 102.5 x 65	Red	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.5	F2	S2	7	75	504
County Red Rustic 73mm	P21	215 x 102.5 x 73	Red	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.8	F2	S2	7	75	384/464*
County Red Smooth	P10	215 x 102.5 x 65	Red	W	SM	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
County Red Smooth 73mm	P10	215 x 102.5 x 73	Red	W	SM	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Countryside Multi Buff	P27	215 x 102.5 x 65	Buff	W	IT	Des	Vertically perforated 18-25% voids	T2	R1	1.9	F2	S2	20	30	500
Crowhurst Multi Reserve	P24	215 x 102.5 x 65	Red	W	T	How	Vertically perforated 24-29% voids	T2	R1	2.4	F2	S2	7	75	452
Cumbria Buff Rustic	P27	215 x 102.5 x 65	Buff	W	DF	Clau		Details available soon - visit www.ask-hanson.com							
Dapple Light (London Brick)	P45	215 x 102.5 x 65	Grey	P	SF	Whit	Frogged 15-20% voids	T2	R1	1.95	F1	S2	23	25	390
Dark Moroccan Rustic	P37	215 x 102.5 x 65	Brown	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.5	F2	S2	7	75	504
Dark Moroccan Rustic 73mm	P37	215 x 102.5 x 73	Brown	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Dark Moroccan Smooth	P37	215 x 102.5 x 65	Brown	W	SM	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
Dark Moroccan Smooth 73mm	P37	215 x 102.5 x 73	Brown	W	SM	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Dark Multi Rustic	P21	215 x 102.5 x 65	Red	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.5	F2	S2	7	75	504
Dark Multi Rustic 73mm	P21	215 x 102.5 x 73	Red	W	RU	Win	Vertically perforated 20-25% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Dark Multi Smooth	P10	215 x 102.5 x 65	Red	W	SM	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
Dark Multi Smooth 73mm	P10	215 x 102.5 x 73	Red	W	SM	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Dark Tame Valley	P15	215 x 102.5 x 65	Red	W	DF	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
Dark Tame Valley 73mm	P15	215 x 102.5 x 73	Red	W	DF	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Dovedale Grey Dragfaced	P38	215 x 102.5 x 65	Grey	W	DF	Win	Vertically perforated 23-28% voids	T2	R1	2.4	F2	S2	10	50	504
Dovedale Grey Dragfaced 73mm	P38	215 x 102.5 x 73	Grey	W	DF	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	10	50	384/464*
Edwardian Dragfaced	P15	215 x 102.5 x 65	Red	W	IT	Kirt	Vertically perforated 13-25% voids	T2	R1	2.05	F2	S2	14	35	495
Elgin Buff	P27	215 x 102.5 x 65	Buff	W	DF	Des	Vertically perforated 18-25% voids	T2	R1	1.95	F2	S2	15	50	500
Farmhouse Brown Sandfaced	P37	215 x 102.5 x 65	Brown	W	SF	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
Farmhouse Brown Sandfaced 73mm	P37	215 x 102.5 x 73	Brown	W	SF	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*
Georgian (London Brick)	P43	215 x 102.5 x 65	Red	P	SF	Whit	Frogged 15-20% voids	T2	R1	1.95	F1	S2	23	25	390
Golden Brown Sandfaced	P37	215 x 102.5 x 65	Brown	W	SF	Win	Vertically perforated 23-28% voids	T2	R1	2.5	F2	S2	7	75	504
Golden Brown Sandfaced 73mm	P37	215 x 102.5 x 73	Brown	W	SF	Win	Vertically perforated 23-28% voids	T2	R1	2.8	F2	S2	7	75	384/464*

Key to index

Manufacture:	W = Wirecut	P = Pressed	TH = Thrown												
Texture:	C = Creased	SM = Smooth	RB = Rolled back	DF = Dragfaced	IT = Indented Texture	SS = Smooth Sanded	SF = Sandfaced	RU = Rusticated	T = Tumbled						
Factory:	How = Howley Park	Des = Desford	Kirt = Kirton	Mea = Measham	Win = Wilnecote	Whit = Whittlesey	Clau = Claughton								

T1 (+/- 6mm) the mean of 10 bricks falls between 209mm up to 221mm.
T2 (+/- 4mm) the mean of 10 bricks falls between 211mm up to 219mm.
R1 - the difference between the smallest and the largest in the batch of 10 is no more than 9mm
F1 - suitable for moderate exposure.
F2 - suitable for severe exposure.
S2 - low active soluble salt content.

*Pack size to be confirmed at the time of ordering

Brick name	Page	Size (mm)	Colour	Manufacture	Texture	Factory	Configuration	Dimensional tolerance mean	Dimensional tolerance range	Dry weight per brick (kg)	Durability rating	Active soluble salts	Water absorption (%)	Comp. strength (N/mm ²)	Pack size
Golden Buff (London Brick)	P45	215 x 102.5 x 65	Yellow	P	SF	Whit	Frogged 15-20% voids	T2	R1	1.95	F1	S2	23	25	390
Golden Multiruf	P31	215 x 102.5 x 65	Buff	W	RU	Des	Vertically perforated 18-25% voids	T2	R1	1.9	F1	S2	20	30	500
Hampton Rural Blend	P23	215 x 102.5 x 65	Red	TH	C	Mea	Frogged 8-13% voids	T2	R1	2.25	F2	S2	13	20	495
Harborough Buff Multi	P27	215 x 102.5 x 65	Buff	W	IT	Des	Vertically perforated 18-25% voids	T2	R1	1.9	F2	S2	20	30	500
Heather (London Brick)	P43	215													

THE COMPLETE BRICK AND BLOCK SELECTOR **IN YOUR POCKET**



Download our free app
www.ask-hanson.com/app



Hanson UK

Hanson UK is the leading supplier of heavy building materials to the UK construction industry.

We are split into three business lines – Hanson Cement, Hanson Building Products and Hanson Quarry Products.

Hanson UK is owned by the HeidelbergCement Group, which employs over 53,000 people and operates worldwide. Hanson UK employs around 4,200 people across over 300 sites.

For detailed information on all areas of Hanson and our products visit: www.hanson.com/uk

At Hanson we value your feedback. Please visit the link below to leave feedback on our brick guide. www.hanson.com/uk/feedback

All dimensions are in mm, drawings not to scale and all sizes nominal. The colours in this brochure are as true as can be obtained by the normal printing process. Hanson is committed to a programme of continuous product development and reserves the right to alter specifications without prior notification. For further product information or assistance please call 0330 1231017.

Your local stockist:

This brochure is printed on Hello Gloss, an FSC-certified product. Contains ECF pulp sourced from well-managed and sustainable forests.



Hanson Building Products

222 Peterborough Road, Whittlesey
Cambridgeshire, PE7 1PD



Tel: 0330 123 1017
Fax: 01733 206040
Email: bricks@hanson.com
www.ask-hanson.com/bricks

For brick technical advice
contact us on 0330 123 1018

