



The Brick Book  
Twelfth Edition





Founded in 1819, Wienerberger has grown into a world-class provider of wall, roof and landscaping solutions with a global reach.

With 204 plants in 32 countries – 14 of them in the UK – we lead the way in the new build and renovation markets, offering more than 1,000 products encompassing the complete building envelope.

Our product innovation is measured against three key benchmarks: quality of construction, perfection in performance and sustainability. All three are fundamental to every brick in this book, and every product that we produce.

**Find out more about our products and services at [www.wienerberger.co.uk](http://www.wienerberger.co.uk)**



While our capabilities have a global reach, we manufacture in the UK with local passion.

Wienerberger;  
single focus,  
thousands of  
products.

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# THE SUSTAINABILITY STORY

For Wienerberger, sustainability is a dynamic and lasting commitment. It has been embedded in our management and culture for as long as we can remember. It's an approach that will drive us into a greener future.

We strive to maximise sustainability without compromising the performance of our products – it's central to our output worldwide.

- Our CO<sub>2</sub> emissions are 12.5% lower than the industry average
- We are signatories of the British Ceramic Confederation Health and Safety Pledge
- All of our production processes meet the requirements for the Responsible Sourcing of Construction Products throughout the supply chain as defined in the BRE Environmental and Sustainability Standard BES 6001
- Material efficiency improvements at Broomfleet have saved the equivalent of 8,000 tonnes of clay since 2011
- In 2014 the amount of renewable electricity consumed by & exported from Wienerberger sites represented more than half of our total electricity use
- Lost time accident frequency rate was reduced by a third in 2014
- No environmental incidents in 2014
- Our total water use reduced by more than 10% in 2014





## Why choose clay?

Used for thousands of years in construction worldwide, clay remains the most efficient, cost effective and sustainable solution for modern buildings.

Its natural properties mean that it is able to provide complete, long-term sustainability, not only offering increasingly sophisticated low-carbon product manufacture, but giving a building life of up to 150 years with little or no maintenance.

Clay is strong, durable and builds in sound and temperature-control benefits wherever it's used – creating the ideal internal living environment.

From sustainability credentials and build quality to the ease of use on-site, clay as a material is equipped to meet every demand of modern construction.

### **Wienerberger and clay**

Wienerberger has blended the very latest in manufacturing technology with an established construction heritage. The result is a product portfolio that is unmatched in range and quality.

Every single brick, from first to last, has been designed to convey our passion for the material; created to give our customers the highest quality, the best price and the widest choice.

Our products represent the best of clay, and the best of building.





# THE AWARD WINNING BRICK SELECTOR APP

The UK's first true cross platform brick app helps with brick selection on-site or remotely.

Wienerberger has launched an innovative App designed to help architects, housebuilders, merchants and self builders find the right brick at the touch of a button.

The fully interactive, purpose-built App is the first in the industry to offer a range of diverse search and comparison features, fully downloadable to the three most popular mobile devices. The App allows the specifier to search through hundreds of bricks from Wienerberger's comprehensive range of traditional and contemporary styles, and fine tune their search by a range of textures, patterns, sizes, shades and colours.

**The Wienerberger Brick Selector App is available to download now, free of charge across iPhone, iPad (iOS systems) and for Android.**

**For further information or to download the App please visit the iTunes App store or the Android market and search for Wienerberger or Brick.**

**Alternatively, scan the QR Codes shown below to have direct access to the Brick Selector App from either the Apple Store or Android Market.**



iOS QR Code for Apple Store



Android QR Code for Android Market

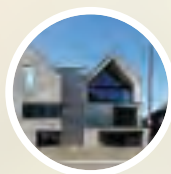


**NEW  
FEATURES  
COMING  
SOON!**



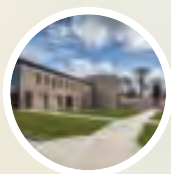


Driving our award-winning products forward.  
Delivering complete building solutions.



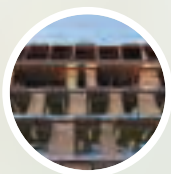
**North London Hospice**

Architect's Choice Award - 2012



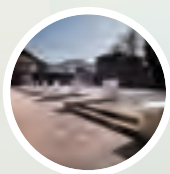
**Carmelite Monastery**

Architect's Choice Award - 2013



**Gee Street**

Best Commercial Building & Innovative Use of Brick & Clay Products - 2013



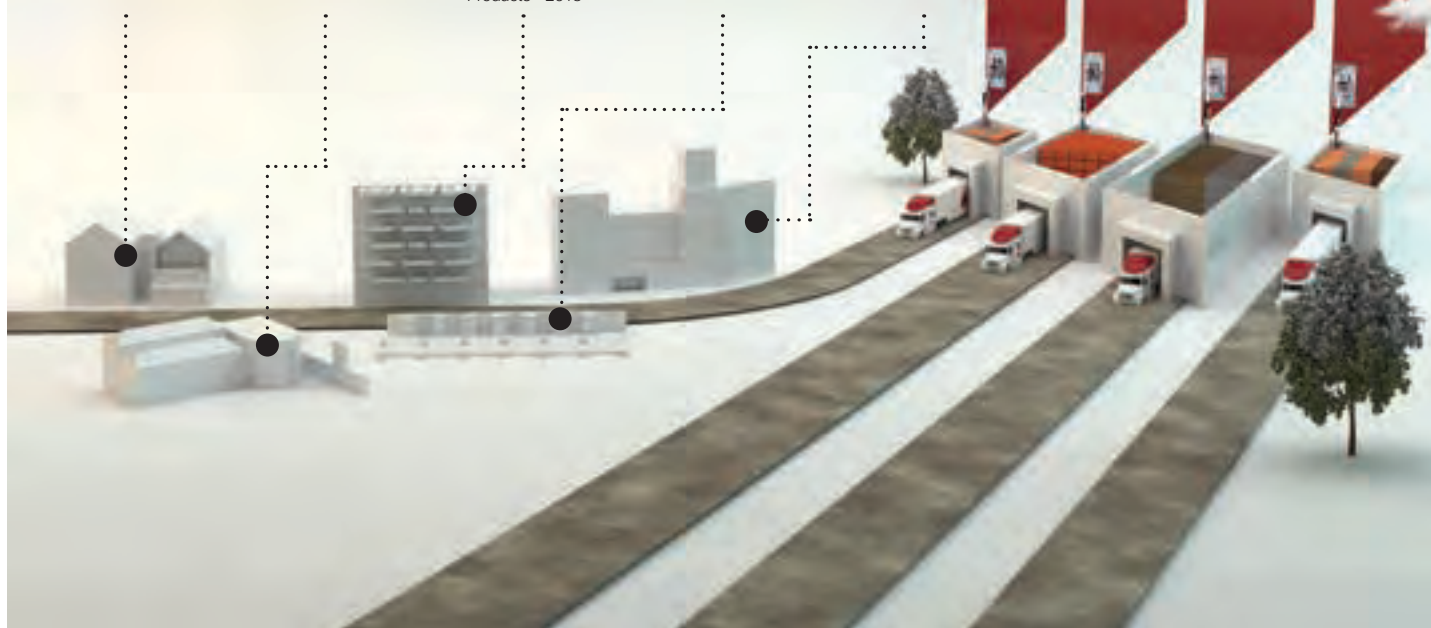
**The Yard, University of Roehampton**

Best Outdoor Space - 2012



**The Mac**

Supreme Winner & Best Public Building - 2012



### BDA Brick Awards

Wienerberger is a regular presence at the annual BDA (Brick Development Association) Brick Awards and winner of the Architect's Choice category three years running (2012, 2013, 2014). We take pride in setting standards of product excellence, delivering solutions that frequently receive recognition from industry bodies and our customers alike.

From the bold to the classic, and small structures to commercial buildings, we can provide components that truly bring projects to life.

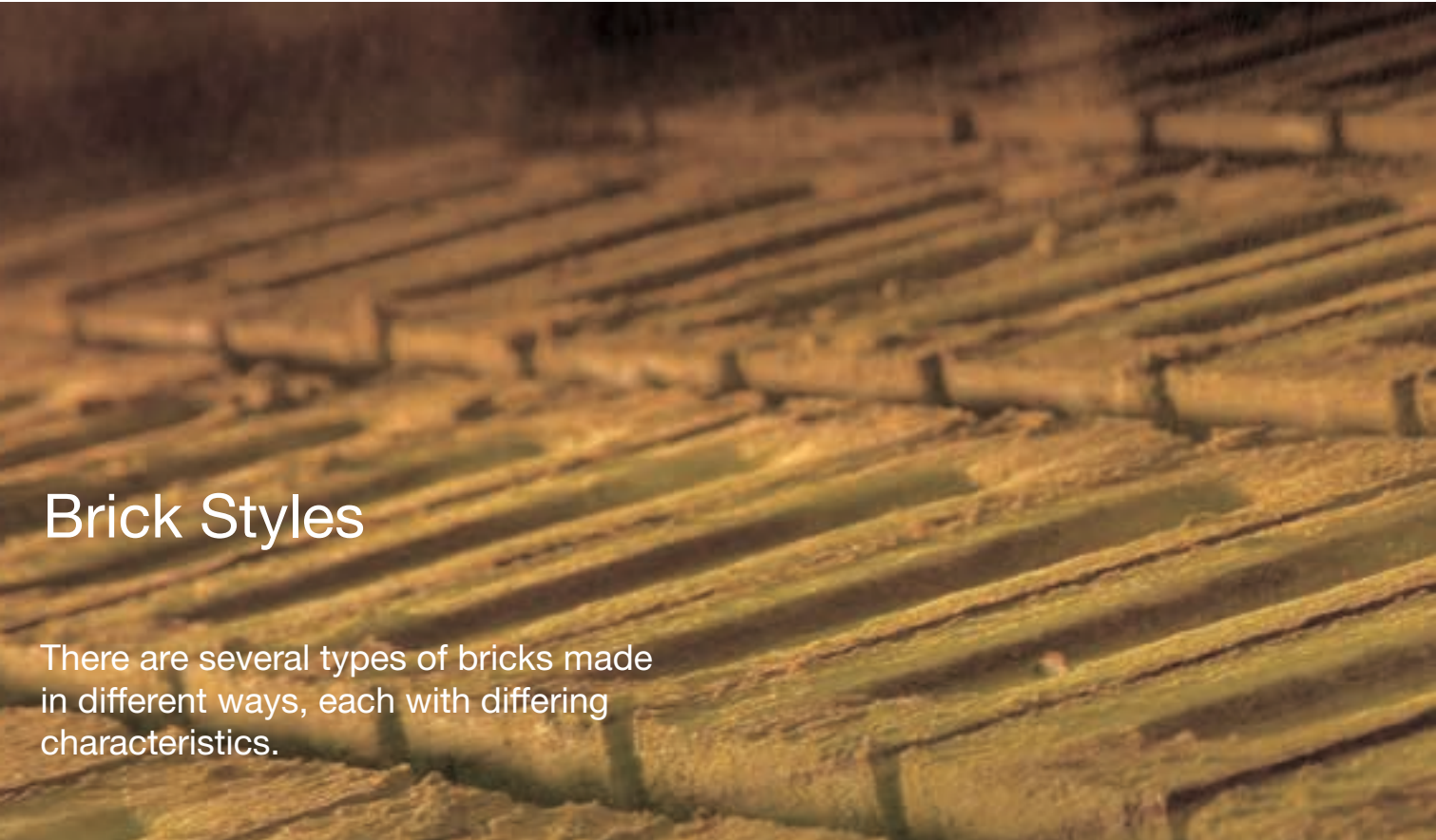
### Wienerberger Brick Awards

The Wienerberger Brick Award is an international event recognising outstanding brick architecture. Our competition puts a building material tried and tested for thousands of years into the spotlight, demonstrating how exciting and exceptional modern brick architecture can be.

Special attention is directed at the natural integration into the surroundings, efficient use of energy and resources, the character, as well as the quality of the building and its lighting conditions. The use of Wienerberger products is not compulsory for participation.

For information on the Wienerberger Brick Awards visit  
[www.brickaward.com](http://www.brickaward.com)

For more information on awards  
please email  
[ukawards@wienerberger.com](mailto:ukawards@wienerberger.com)



# Brick Styles

There are several types of bricks made in different ways, each with differing characteristics.

## Handmade

Made by a very traditional process, as used for centuries, where individual bricks are hand thrown into moulds. The method gives an attractive, gentle creased texture in the face of the bricks. They have an indent in the top of the brick known as a ‘frog’.



St John’s Red Handmade

## Stock (also known as softmud)

Created using an automated process where the clay is placed into moulds by a machine. Stock bricks tend to have softer, more varied edges. Like handmade bricks, stock bricks also often have a frog.



Warnham Red

## Wirecut (also known as extruded)

Produced by extruding a column of clay through a brick shaped die and then cutting the column into individual bricks using a wire. Wirecut bricks tend to have very precise edges and also have perforations through the bricks. The perforation pattern can be in many different forms depending on where the bricks are manufactured. They can also be produced as solid bricks.



Sandown Red





### Waterstruck

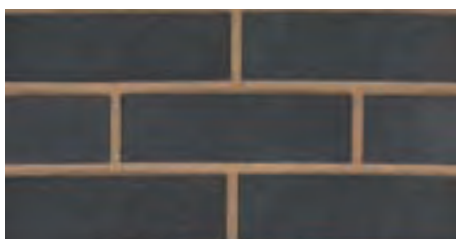
Made using a similar process to stock bricks but the bricks are released from the moulds using water. This process, along with a wetter clay mix, gives waterstruck bricks a distinctive texture. They are often solid bricks although some waterstruck bricks do have frogs.



**Mellowed Red Sovereign Stock**

### Engineering bricks

Made using the same process as wirecut bricks. Engineering bricks are selected for their enhanced technical performance rather than their appearance. Engineering bricks have high compressive strength and low water absorption properties. They can be either perforated or solid and tend to be either smooth red or smooth blue.



**Staffordshire Smooth Blue**

Brick Product Standards

Guide to technical data

All our facing bricks are manufactured in accordance with the European Standard Specification for clay masonry units BS EN 771-1. (British Standard 3921: 1985, Specification for clay bricks, was formally withdrawn in April 2006 and specific terms & definitions are no longer applicable).

This guide confirms product classifications and terminology in relation to European Standard test methods, and on-site guidance contained within PAS 70.

Size tolerance

BS EN 771-1 requires a manufacturer to declare a particular size category for each product based on individual brick measurements. Different categories take into account the wide range of brick types and variation in acceptable appearance related to different manufacturing methods.

Size categories are based on formulae (to take account of the differently sized products within E.U Member States). For the standard UK work size, the following table is applicable.

Table 1	TOLERANCE CATEGORIES		
WORK SIZE	T2	T1	TM
LENGTH 215	± 4mm	± 6mm	Option for manufacturers to declare own limits
WIDTH 102.5	± 3mm	± 4mm	
HEIGHT 65	± 2mm	± 3mm	

**Notes:** T2 bricks are classified as having the tightest tolerance. To determine the tolerance applicable, measurements, using accurate instrumentation, are taken for each of 10 bricks sampled randomly from the consignment against their length, width and height. The mean figure is calculated by addition of each specific measurement (for height two measurements in transverse directions are taken to provide an average), divided by 10. For a product of T2 tolerance, the mean figure for the length should therefore fall between 211 and 219mm.

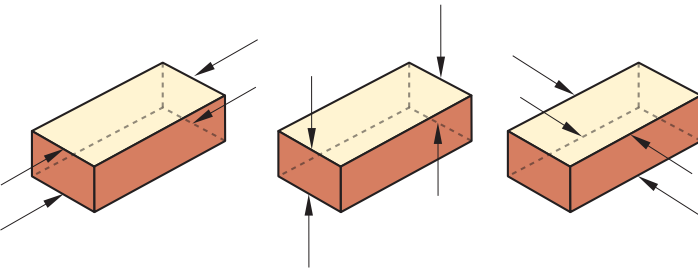
Range

The difference between the smallest and largest units, determined by the above test measurements, provides a figure for range.

Different categories are based on formulae, and for the standard UK work size, Table 2 is applicable.

Table 2	TOLERANCE CATEGORIES		
WORK SIZE	R2	R1	RM
LENGTH 215	4mm	9mm	Option for manufacturers to declare own limits
WIDTH 102.5	3mm	6mm	
HEIGHT 65	2mm	5mm	

- Notes:**
1. For example for a product of R1 range, the difference in length between the smallest and largest bricks tested should not exceed 9mm, and for classification the product must meet all requirements for the stated category.
  2. For on-site measurement guidance please refer to the following section.



On-site guidance

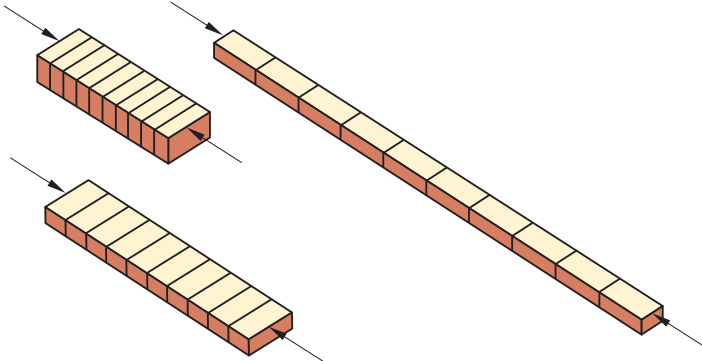
In 2003 the British Standards Institution published a document suitable for on-site appraisal of brick units. Publicly Available Specification 70 (PAS 70) provides guidance on appearance of facing bricks and practical on-site testing methods for size, using a conventional retractable steel rule as a viable alternative to the calliper method referred to in the European Standard.

PAS 70 has two procedures for measurement, the simpler of which (Procedure A), is used to determine the size tolerance of the brick consignment delivered to site.

10 individual bricks are chosen at random from the consignment. For determination of tolerance, bricks are set out on suitable level ground and the overall measurement taken for the 10 bricks as illustrated below. This overall dimension is then divided by 10 to provide the mean figure; this is rounded to the nearest whole number and the difference between this figure and the work size is compared to the tolerance categories in Table 3.

Table 3	TOLERANCE CATEGORIES		
WORK SIZE	T2	T1	TM
LENGTH 215	3mm	5mm	Option for manufacturers to declare own limits
WIDTH 102.5	2mm	3mm	
HEIGHT 65	1mm	2mm	

**Notes:** The individual figures in PAS 70 are 1mm less than those in the European Standard BS EN 771-1 for each category (See Table 1) and appear to be more stringent. This allows for the recording of whole millimetres using a retractable steel rule, but provides sufficient confidence that the categories indicated by the on-site test would be confirmed by the more detailed measurement procedure set out in the European Standard.



PAS 70 also provides guidance on measurement of individual bricks should a dispute with regard to variation in individual brick sizes. Procedure B is used to determine the range, or difference between the smallest and largest bricks within the randomly chosen sample of 10 bricks.

Two measurements should be taken for each dimension, (as illustrated) to provide a mean figure for each brick. The difference between the smallest and largest units identified is compared with range category (see Table 4).

As with tolerance, the individual range figures in PAS 70 are 1mm less than those in BS EN 771-1 in each case, and for classification the product must meet all requirements for the stated category.

Table 4	TOLERANCE CATEGORIES		
WORK SIZE	R2	R1	RM
LENGTH 215	3mm	8mm	Option for manufacturers to declare own limits
WIDTH 102.5	2mm	5mm	
HEIGHT 65	1mm	4mm	



## Appearance

In practice it is not possible to write a universally applicable definition of acceptable appearance of facing brickwork, as this will vary significantly with each type of clay brick. The appearance of brickwork is dependent on the choice of brick type, colour range, texture, mortar colour, joint profile, and workmanship.

It is established good site practice to mix bricks from within a consignment in order to minimise the potential for colour banding within elevations.

## On-site principle of assessment

It is sometimes necessary to assess the acceptability of minor defects such as cracks, chips, surface blemishes and variation in texture of clay facing bricks when delivered to site.

It is suggested in PAS 70 that samples from deliveries of bricks are compared with a previously constructed reference panel of an appropriate size (not less than 1m<sup>2</sup>) and suitably located on-site.

This reference panel should be representative of what can reasonably be expected to be delivered to site and should be large enough to encompass known and acceptable variations of colour and texture in the particular brick type.

Brick panels should be viewed from a distance of 3 metres, which is sufficient to reliably compare the aesthetic characteristics of the bulk delivery of facing bricks with the approved reference panel.

## Bibliography

BS EN 771-1: 2011, Specification for masonry units. Part 1; Clay units.

BS EN 772-16: 2011, Specification for masonry units, determination of dimensions.

PAS 70: 2003, Guide to appearance and site measured dimensions and tolerance.

## Guide to technical data

A	B	C	D	E	F	G	H	I	J	K
	PAGE	TYPE	LOCATION	SIZE TOLERANCE	DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg

## Key to column headings

**A.** Product name

**B.** Page - listing in brick book

**C.** Type - product type - Stock, Wirecut or Waterstruck

**D.** Location - factory location / collection point

**E.** Size tolerance

**F.** Durability (BS EN 771-1)

F2 = Suitable for severe exposure

F1 = Suitable for moderate exposure

F0 = Suitable for passive exposure

**G.** Active soluble salts (BS EN 771-1)

S2 = Within the lowest limits specified

S1 = Within limits specified

S0 = No requirement, when the intended use provides complete protection against water protection

**H.** Compressive strength (BS EN 771-1)

Minimum mean compressive strength (measured in N/mm<sup>2</sup>) for samples that are surface ground and tested dry

**I.** Water absorption

Maximum or equal to the % figure increase in weight after cold soaking dry bricks in water for 24 hours

**J.** Pack quantity

Number of bricks packaged together to form a pack

**K.** Typical pack weight

Total weight of a pack of bricks allowing for nominal moisture content

For further guidance please contact our **Design Services** department at our Head Office (0161 491 8200)



## Good site practice

Adhering to good site practice will ensure a smooth construction process and the best aesthetic results.

### Delivery and storage

From the moment bricks are delivered to site, the way in which they are handled and stored can have an effect on the appearance of brickwork at a later point.

- Bricks should be unloaded onto hard, flat, adequately drained, level ground
- It is recommended that brick packs should never be stored more than two packs high
- Palletised products should be stored on-site in a single layer in order to eliminate handling damage
- Brick packs should be stored in areas which will remain free from mud, splashing by site delivery vehicles and potential staining from other materials
- All bricks in storage should be adequately protected against rain, snow and frost

### Protection

Protection of brickwork is important to prevent it becoming saturated as this can lead to staining and efflorescence (minerals emerging from the clay).

- Face brickwork should be kept clean and protected and care must be taken to avoid splashing from mortar pointing
- Incomplete brickwork should be covered with waterproof materials during breaks in construction and overnight

### Appearance

A suitable site reference panel, representative of the consignment, should be constructed prior to commencement of brickwork in order to provide an indication of the finished wall appearance.

- Before laying bricks, site personnel should check that the colour, shape, size and texture are correct and as expected
- In order to ensure a consistent appearance throughout the building, bricks should be blended from a minimum of three packs at the same time in order to avoid colour 'banding'





## Mortar

Correct mortar specification and preparation is critical to the aesthetics, durability, rain resistance and structural performance of brickwork.

- Deliveries of mortar should be protected from the elements
- The mortar mixing area should be kept clean to avoid contamination
- Consideration should be given to the appropriate mortar specification for different applications

## Cleaning brickwork

Good bricklaying and protection should minimise the need for cleaning completed brickwork, however there will usually be some need to remove mortar stains.

- Any large deposits of relatively fresh mortar can be removed by a wooden implement to avoid damage to the brick face
- High pressure hoses and wire brushes should not be used as they may damage the surface
- With cement or lime stains it may be necessary to consider a proprietary brickwork cleaning solution

## Standards/Code of Practice

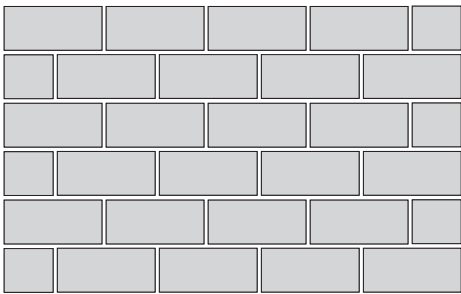
Bricks should be stored, handled and used in accordance with PD6697 and BS 8000-3.

# Bonding Patterns

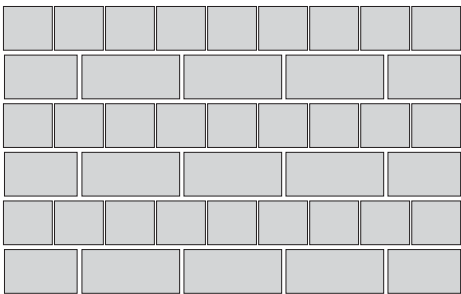
When you are creating your perfect look with your brickwork there are a number of different elements to consider that can make a huge difference to the overall appearance of your building.

## Achieving different looks

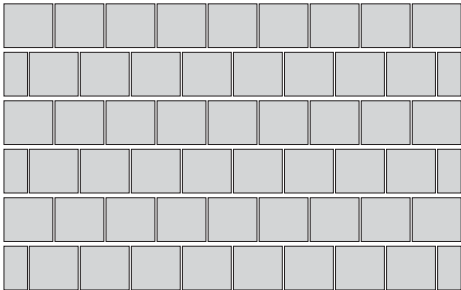
Bonding refers to the way in which the bricks are laid. The primary purpose of bonding is to ensure the brickwork is strong and stable. However, it can also have a dramatic effect on the visual appearance.



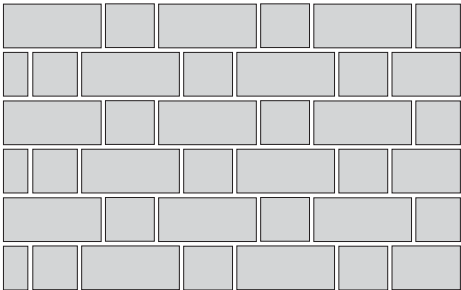
Stretcher Bond



English Bond

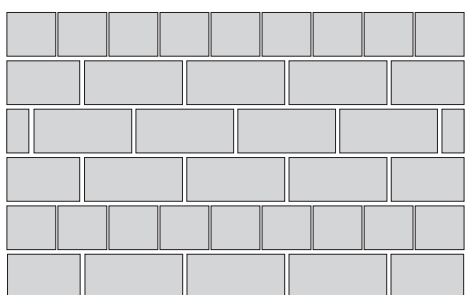


Header Bond

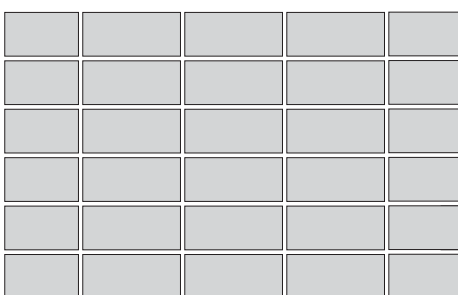


Flemish Bond

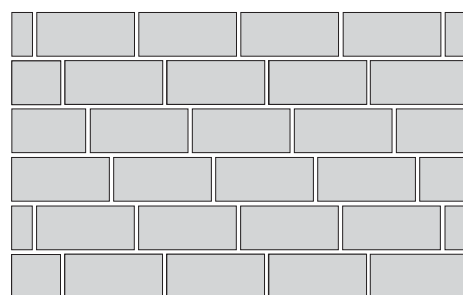




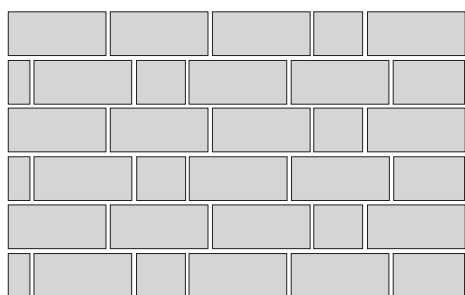
**English Garden Wall Bond**



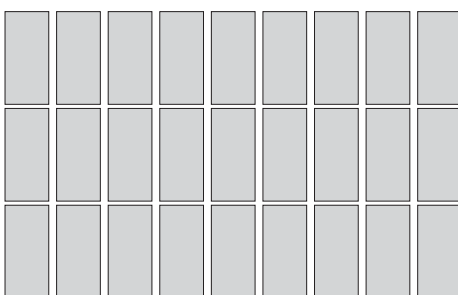
**Stack Bond (Horizontal)**



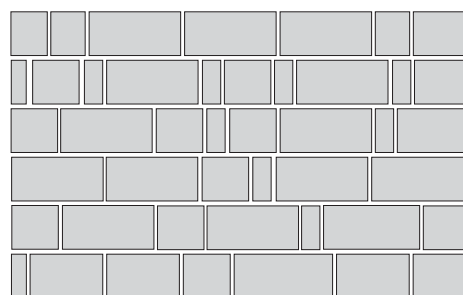
**Three Quarter Bond**



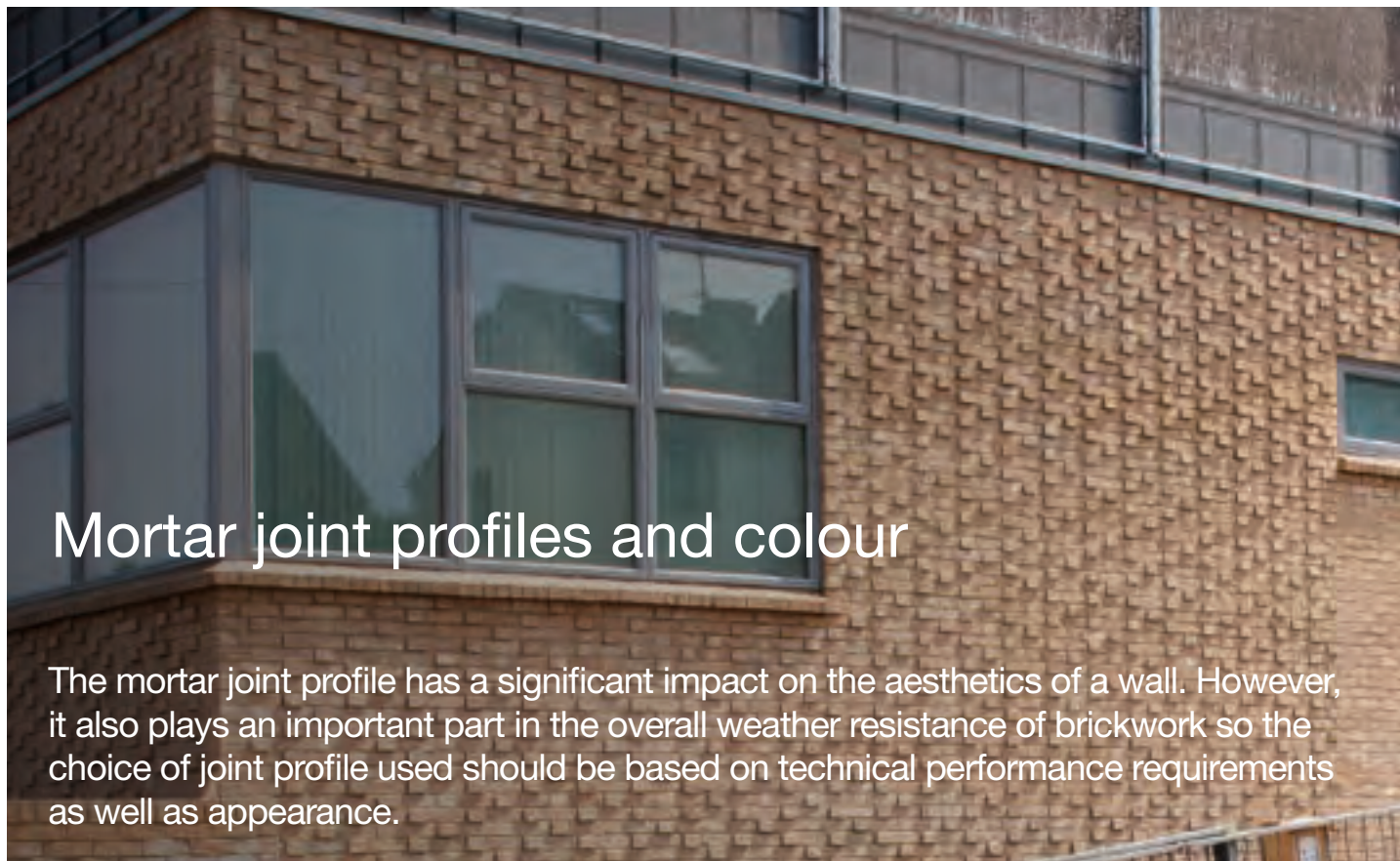
**Flemish Garden Wall Bond**



**Stack Bond (Vertical)**



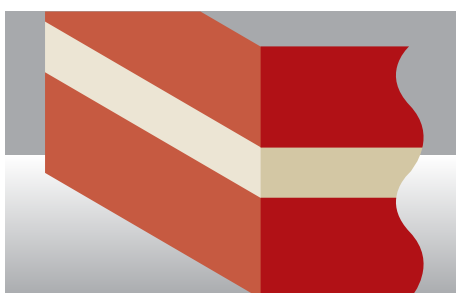
**Wild Bond**



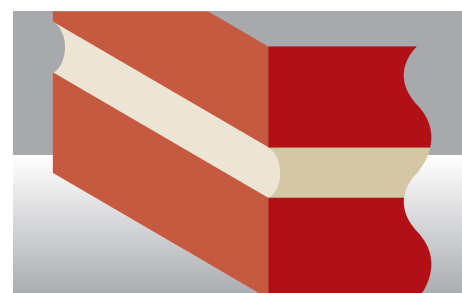
## Mortar joint profiles and colour

The mortar joint profile has a significant impact on the aesthetics of a wall. However, it also plays an important part in the overall weather resistance of brickwork so the choice of joint profile used should be based on technical performance requirements as well as appearance.

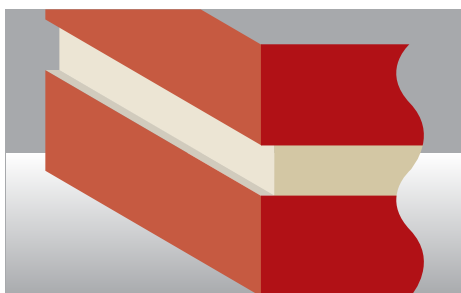
The following joint profiles are the most commonly used in the UK



**Flush**



**Bucket handle**



**Recessed**



**Weather struck**



**Weather struck and cut**

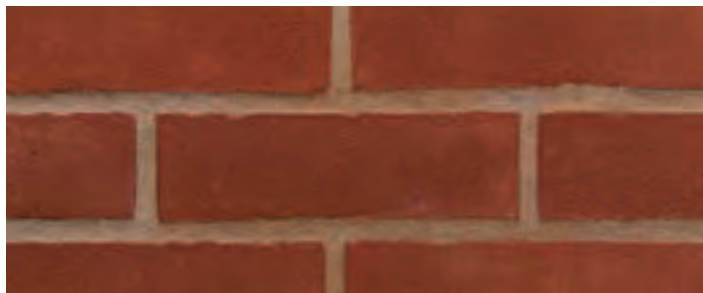


## Mortar colour

Another key consideration for determining the overall appearance of your building is the colour of mortar you use. Mortar actually accounts for 15 - 17% of

the visible brickwork (dependant on bond pattern) and the colour chosen can change the look of your wall considerably.

Below are some examples of how different mortar colours can significantly change the look of the same brick.



**Neutral mortar**



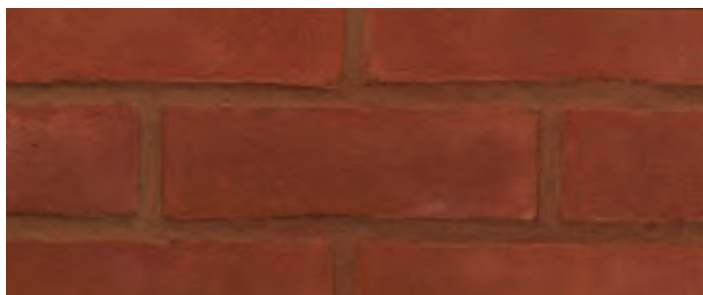
**Neutral mortar**



**Light mortar**



**Light mortar**



**Medium mortar**



**Medium mortar**



**Dark mortar**



**Dark mortar**

Mortar shown with Warnham Red (left) and Brookhurst Yellow Multi (right).

Red & Red Multi

Mellowed Red Sovereign Stock









## Red & Red Multi - Stock



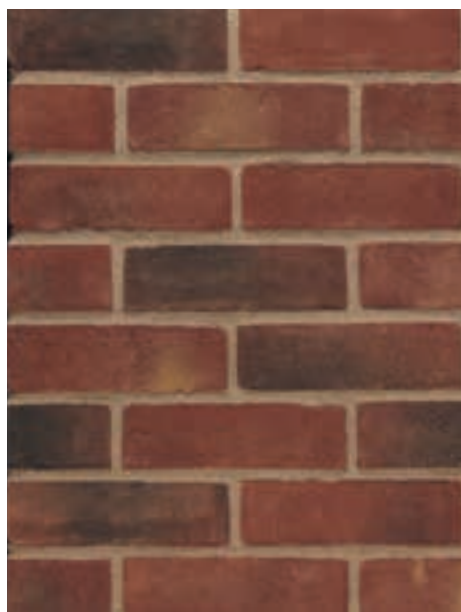
**Aldbury Multi Stock**



**Ashington Red Multi†**



**Bamburgh Red Stock**



**Blended Red Multi Gilt Stock**



**Blue Velvet**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Aldbury Multi Stock	S	Purfleet	T2	R1	F2	S2	≥20	≤20	596	1380
Ashington Red Multi	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1200
Bamburgh Red Stock	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1217
Blended Red Multi Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1143
Blue Velvet	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1315

† Available in 65mm and 73mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

Ashington Red Multi





## Red & Red Multi - Stock



**Bradfield Multi**



**Chartham Multi Stock**



**Dorchester Red Stock**



**Dorridge Red Multi Stock**



**Dorton Manor Stock**



**Durham Claret Stock**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Bradfield Multi	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1196
Chartham Multi Stock	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1118
Dorchester Red Stock	S	Hull/Purfleet	T2	R1	F2	S2	≥40	≤20	640	1613
Dorridge Red Multi Stock	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	640	1613
Dorton Manor Stock	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1149
Durham Claret Stock	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1221

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Durham Dark Multi Stock**



**Durham Red Multi Stock**



**Forum Burgundy**



**Forum Claret**



**Forum Velvet**



**Gainsborough Multi Stock**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Durham Dark Multi Stock	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1189
Durham Red Multi Stock	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1203
Forum Burgundy	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	652	1540
Forum Claret	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤13	528	1316
Forum Velvet	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1344
Gainsborough Multi Stock	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1206

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

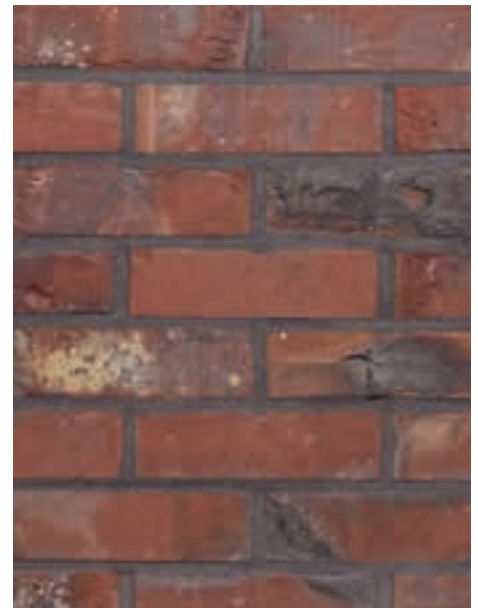
## Red & Red Multi - Stock



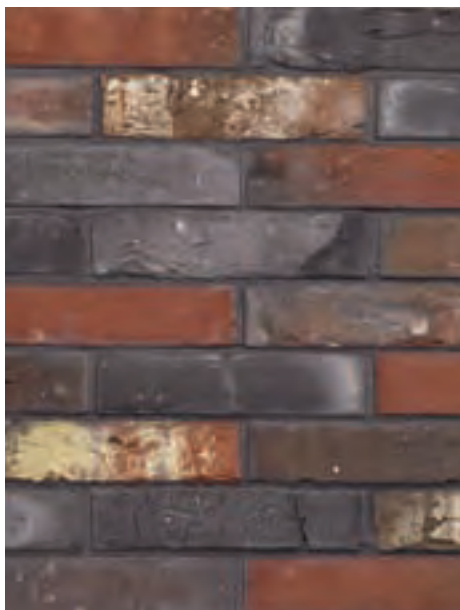
**Hamlet Antique**



**Hathaway Brindled**



**Hectic Red**



**Hectic Special**



**Heritage Blend**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Hamlet Antique	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Hathaway Brindled	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Hectic Red	S	Hull/Purfleet	TM	RM	F2	S2	≥30	≤15	444	1070
Hectic Special	S	Hull/Purfleet	TM	RM	F2	S2	≥30	≤15	450	1085
Heritage Blend	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	652	1540

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



Nutcombe Multi





## Red & Red Multi - Stock



**Heritage Olde English (New)**



**Jewel Multi**



**Cassandra Multi\***



**Kempley Antique**



**Kenilworth Antique**



**Kingshurst Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Heritage Olde English (New)	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1400
Jewel Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	652	1540
Cassandra Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1314
Kempley Antique	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Kenilworth Antique	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Kingshurst Multi	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1174

\*available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



**Lingfield Red Multi**



**Loxley Red Multi**



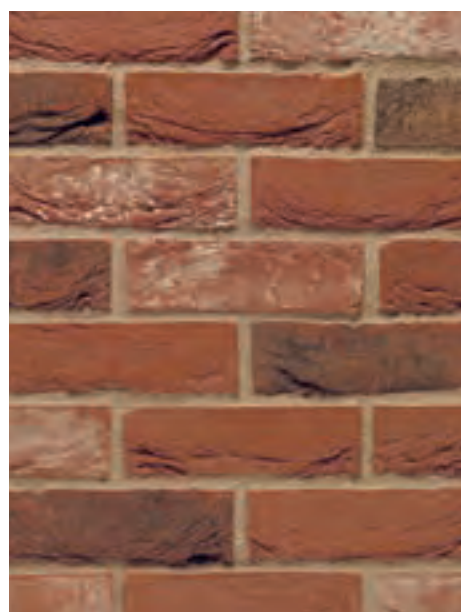
**Lynemouth Multi**



**Maldon Antique**



**Maplehurst Light Multi Stock**



**Mardale Antique**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE		EN 771-1	EN 771-1	EN 771-1		
Lingfield Red Multi	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1162
Loxley Red Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	652	1540
Lynemouth Multi	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1247
Maldon Antique	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Maplehurst Light Multi Stock	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1142
Mardale Antique	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	652	1540

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



## Red & Red Multi - Stock



**Marpessa Multi**



**Medium Surrey Blend**



**Milano**



**Mozart Blend\***



**New Red Multi Gilt Stock**



**Newfield Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Marpessa Multi	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1245
Medium Surrey Blend	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Milano	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1333
Mozart Blend	S	Hull/Purfleet	T1	R1	F2	S2	≥15	≤15	632	1441
New Red Multi Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1063
Newfield Multi	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1158

\*available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Nutcombe Multi Stock**



**Olde Chelford Red Multi**



**Olde Cheshire Red Multi\***



**Olde County Blend**



**Olde Cranleigh Multi**



**Olde Essex Red Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Nutcombe Multi Stock	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1218
Olde Chelford Red Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤13	528	1316
Olde Cheshire Red Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1310
Olde County Blend	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1230
Olde Cranleigh Multi	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1231
Olde Essex Red Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1326

S = Stock   Wa = Waterstruck   W = Wirecut   H = Handmade

## Red & Red Multi - Stock



**Olde Farndale Multi**



**Olde Henfield Multi**



**Olde Horsham**



**Olde Wealden Multi**



**Olde Welwyn Red Multi**



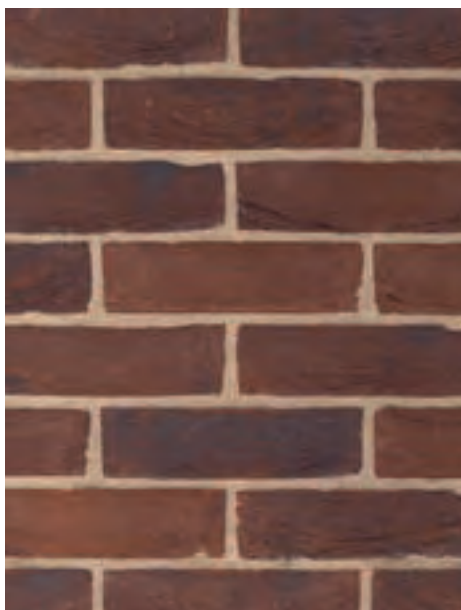
**Olde Woodford Red Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Olde Farndale Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Olde Henfield Multi	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1143
Olde Horsham	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1176
Olde Wealden Multi	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1221
Olde Welwyn Red Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1311
Olde Woodford Red Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤13	528	1317

\*available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Pagus Red**



**Pampas**



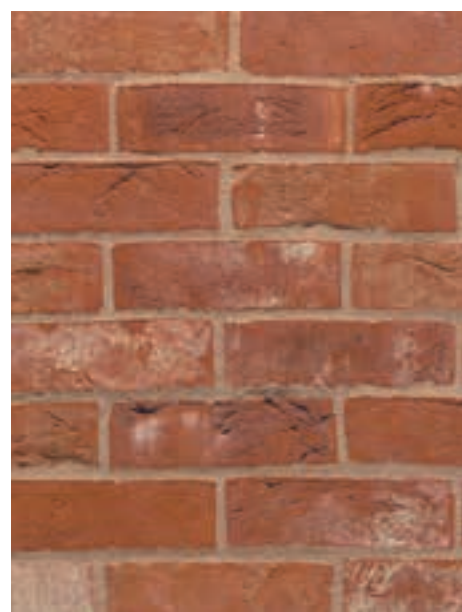
**Pastorale Multi\***



**Pelham Antique**



**Red Gilt Stock**



**Renaissance Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Pagus Red	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤15	652	1500
Pampas	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Pastorale Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1305
Pelham Antique	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Red Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1128
Renaissance Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1304

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Red & Red Multi - Stock



**Retro Barn Stock**



**Retro Cottage Stock**



**Rudgwick Multi Stock**



**Runswick Red Multi**



**St Johns Red Handmade**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Retro Barn Stock	S	Hull/Purfleet	TM	RM	F2	S2	≥10	≤13	600	1342
Retro Cottage Stock	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤14	600	1463
Rudgwick Multi Stock	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1229
Runswick Red Multi	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1211
St Johns Red Handmade	H	Hull	T2	R1	F2	S2	≥25	≤12	450	1235

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



Retro Cottage Stock



## Red & Red Multi - Stock/Waterstruck



**Tudor Gravita Red Multi\***



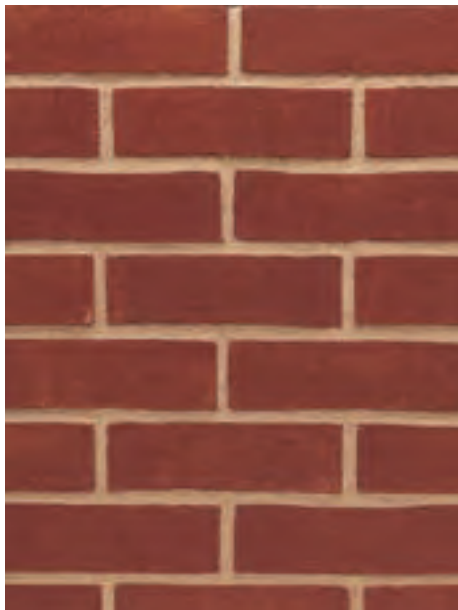
**Warnham Red Stock**



**Welham Antique**



**Whitby Red Multi Rustica**



**Woodbridge Claret Stock**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Tudor Gravita Red Multi	S	Hull/Purfleet	T2	RM1	F2	S2	≥20	≤15	546	1566
Warnham Red Stock	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1232
Welham Antique	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Whitby Red Multi Rustica	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤16	600	1364
Woodbridge Claret Stock	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	640	1613

\*available in 65mm and 50mm

† available in 65mm and 73mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Ashley Red Multi**



**Autumn Russet Sovereign Stock†**



**Heartland Light Multi†**



**Whitby Red Multi Rustica**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Ashley Red Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥20	≤14	500	1247
Autumn Russet Sovereign Stock	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Heartland Light Multi	Wa	Todhills	T1	R1	F2	S2	≥20	≤14	500	1247

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Red & Red Multi - Waterstruck



**Heartland Red Multi**



**Lincoln Red**



**Mellowed Red Sovereign Stock**



**Oast Russet Sovereign Stock†**



**Reclaimed Shire Sovereign Stock†**



**Royston Mixed Red**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Heartland Red Multi	Wa	Todhills	T1	R1	F2	S2	≥20	≤14	500	1247
Lincoln Red	Wa	Hull/Purfleet	T2	R1	F2	S2	≥25	≤12	608	1612
Mellowed Red Sovereign Stock	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Oast Russet Sovereign Stock	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Reclaimed Shire Sovereign Stock	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Royston Mixed Red	Wa	Hull/Purfleet	T1	R1	F2	S2	≥15	≤15	528	1254

†available in 65mm and 73mm

S = Stock   Wa = Waterstruck   W = Wirecut   H = Handmade





Oast Russet Sovereign Stock

**Smoked Russet Sovereign Stock**



**Westcliffe Red Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Smoked Russet Sovereign Stock	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Westcliffe Red Multi	Wa	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1254

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

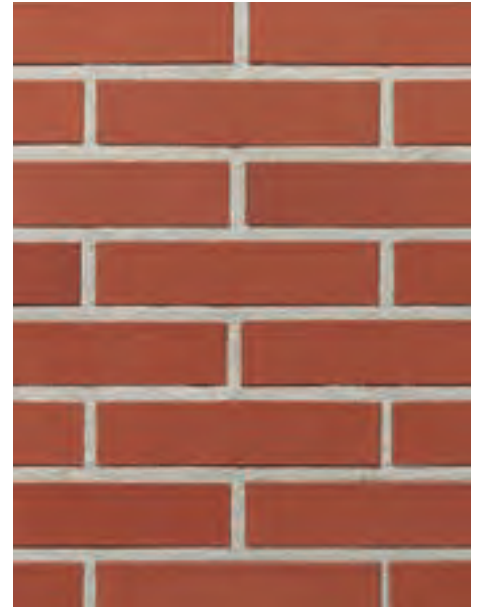
## Red & Red Multi - Wirecut



**Abbeydale Red Multi**



**Arley Red Rustic†**



**Avenue Smooth Red**



**Berkshire Red**



**Bisque Red Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Abbeydale Red Multi	W	Waresley	T2	R1	F2	S2	≥35	≤20	500	1040
Arley Red Rustic	W	Hartlebury	T2	R1	F1	S2	≥28	≤20	430	893
Avenue Smooth Red	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤7	640	1747
Berkshire Red	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	871
Bisque Red Multi	W	Waresley	T2	R1	F1	S2	≥25	≤24	500	995

† available in 65mm and 73mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





Burgundy



Caldera Red Multi



Kassandra

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Burgundy	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	880
Caldera Red Multi	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	835

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Red & Red Multi - Wirecut



**Chepstow Multi**



**Cinnabar Red Multi**



**Clent Russet Mixture**



**Cranbrook Red**



**Crofters Medley**



**Dartmoor Heather**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Chepstow Multi	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Cinnabar Red Multi	W	Waresley	T2	R1	F2	S2	≥35	≤20	500	962
Clent Russet Mixture	W	Hartlebury	T2	R1	F1	S2	≥28	≤20	430	901
Cranbrook Red	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	863
Crofters Medley	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Dartmoor Heather	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



Oast Russet Sovereign Stock



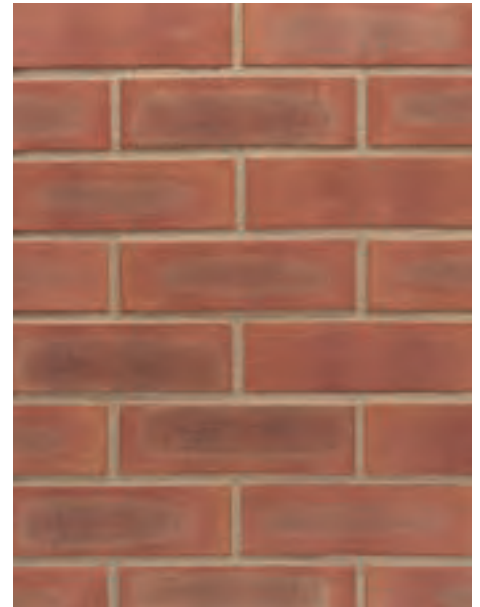
## Red & Red Multi - Wirecut



**Draycott Red Multi**



**Flashed Red\***



**Ingle Red**



**Kinder Mixed Red**



**Maple Red Multi**



**Mulberry Red**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Draycott Red Multi	W	Sandown	T2	R1	F2	S2	≥40	≤10	400	862
Flashed Red	W	Hull/Purfleet	T1	R1	F2	S2	≥40	≤14	320/640	760
Ingle Red	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	824
Kinder Mixed Red	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Maple Red Multi	W	Waresley	T2	R1	F2	S2	≥35	≤20	500	1000
Mulberry Red	W	Waresley	T2	R1	F2	S2	≥35	≤20	500	1037

\* available in 65mm and 50mm

† available in 65mm and 73mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





Mulcol 73mm



Northgate Blend



Oakwood Multi†



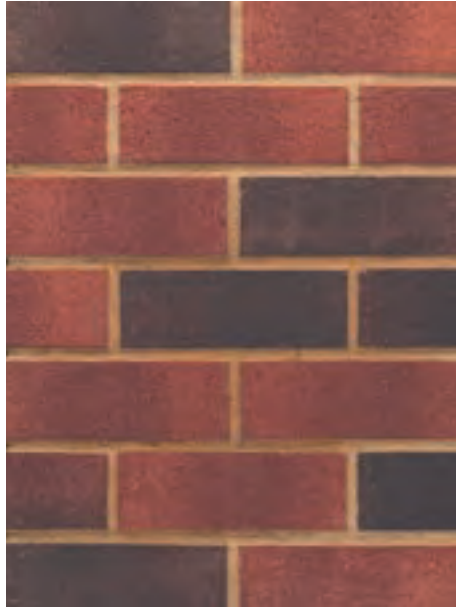
	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Mulcol 73mm	W	Denton	T2	R1	F2	S2	≥40	≤12	368	910
Northgate Blend	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Oakwood Multi	W	Denton	T2	R1	F2	S2	≥40	12	400	860

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Red & Red Multi - Wirecut



**Old Eccleston Blend**



**Old Weatherfield Blend - 73mm**



**Peak Bordeaux Blend**



**Peak Mixed Red**



**Pembridge Red**



**Russet 73mm**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Old Eccleston Blend	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Old Weatherfield Blend - 73mm	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840
Peak Bordeaux Blend	W	Denton	T1	R1	F2	S2	≥40	≤12	400	860
Peak Mixed Red	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Pembridge Red	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	876
Russet 73mm	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Sandown Red**



**Sandwell Red Multi**



**Staffordshire Red Dragfaced**



**Staffordshire Smooth Crimson**



**Staffordshire Smooth Red**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Sandown Red	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	882
Sandwell Red Multi	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	883
Staffordshire Red Dragfaced	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	1023
Staffordshire Smooth Crimson	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	946
Staffordshire Smooth Red	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	880

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Red & Red Multi - Wirecut



**Sunset Red Multi**



**Swarland Pink<sup>†</sup>**



**Swarland Purple Sandfaced<sup>†</sup>**



**Swarland Red Sandfaced<sup>†</sup>**



**Tabasco Red Multi**



**Terre Rouge**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Sunset Red Multi	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	837
Swarland Pink	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Swarland Purple Sandfaced	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Swarland Red Sandfaced	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Tabasco Red Multi	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	865
Terre Rouge	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1254

<sup>†</sup> available in 65mm and 73mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





Titian



Tobago Red



Tuscan Red Multi



Woodland Mixture

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Titian	W	Sandown	T2	R1	F2	S2	≥40	≤10	400	831
Tobago Red	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	848
Tuscan Red Multi	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	871
Woodland Mixture	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

Warnham Terracotta







## Orange & Orange Multi - Stock



**Blended Orange Gilt Stock**



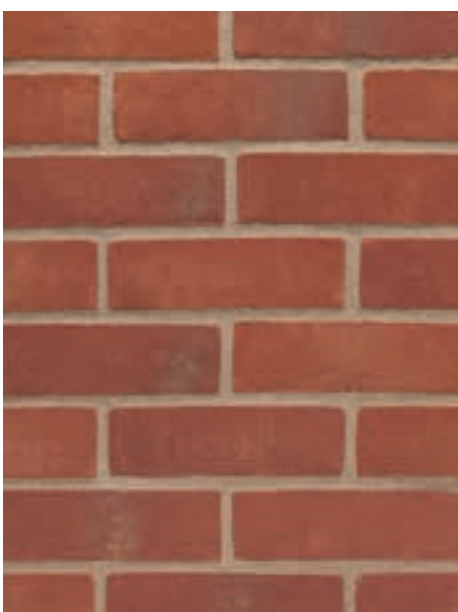
**Grove Orange Multi Stock**



**Hestia Multi**



**Orange Gilt Stock**



**Orange Multi Gilt Stock**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Blended Orange Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1141
Grove Orange Multi Stock	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	640	1613
Hestia Multi	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1238
Orange Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1132
Orange Multi Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1142

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Smoked Orange Multi Gilt Stock**



**St Albans Orange Multi Stock**



**Warnham Terracotta Stock**



**Westerton Orange Multi**



	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Smoked Orange Multi Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1113
St Albans Orange Multi Stock	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	640	1613
Warnham Terracotta Stock	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1189
Westerton Orange Multi	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1160

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Orange & Orange Multi - Stock/Wirecut



**Winchester Multi Stock**



**Witton Multi Stock**



**Avenue Smooth Orange\***



**Windmill Orange Multi**



**Terre de Corail**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Winchester Multi Stock	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1213
Witton Multi Stock	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1220
Avenue Smooth Orange	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤8	640	1645
Windmill Orange Multi	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Terre de Corail	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1226

\* available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



Windmill Orange Multi



## Buff & Buff Multi - Stock



**Anglesey Weathered Buff**



**Bramshaw Buff**



**Elizabethan Light Bronze Multi\***



**Georgian Dark Bronze Multi\***



**Hathersage Blend**



**Jasmine Blend**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Anglesey Weathered Buff	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Bramshaw Buff	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Elizabethan Light Bronze Multi	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	546	1566
Georgian Dark Bronze Multi	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤15	546	1566
Hathersage Blend	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤17	528	1297
Jasmine Blend	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤17	528	1301

\* available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Oakington Buff**



**Retro Tiffany Stock**



**Stamford Weathered Buff**



**Woodstock Buff**



	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Oakington Buff	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Retro Tiffany Stock	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤19	600	1337
Stamford Weathered Buff	S	Hull/Purfleet	T2	R1	F2	S2	≥30	≤20	640	1407
Woodstock Buff	S	Hull/Purfleet	T2	R1	F2	S2	≥30	≤20	640	1407

S = Stock   Wa = Waterstruck   W = Wirecut   H = Handmade

## Buff & Buff Multi - Wirecut



**Bourneville Buff Blend**



**Harvest Buff Multi**



**Leamington Buff Multi**



**Nevada Buff**



**Oatmeal Blend**



**Peak Madeira Blend**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Bourneville Buff Blend	W	Sandown	T2	R1	F2	S2	≥50	≤10	400	804
Harvest Buff Multi	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	971
Leamington Buff Multi	W	Denton	T2	R1	F2	S2	≥50	≤10	400	860
Nevada Buff	W	Sandown	T2	R1	F2	S2	≥50	≤10	400	776
Oatmeal Blend	W	Sandown	T2	R1	F2	S2	≥40	≤10	400	793
Peak Madeira Blend	W	Sandown	T2	R1	F2	S2	≥45	≤10	400	816

† available in 65mm and 73mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Rothesay Blend**



**Sahara Buff**



**Sandblasted Buff 73mm**



**Staffordshire Golden Dragfaced**



**Staffordshire Smooth Golden**



**Swarland Golden Thatch<sup>†</sup>**

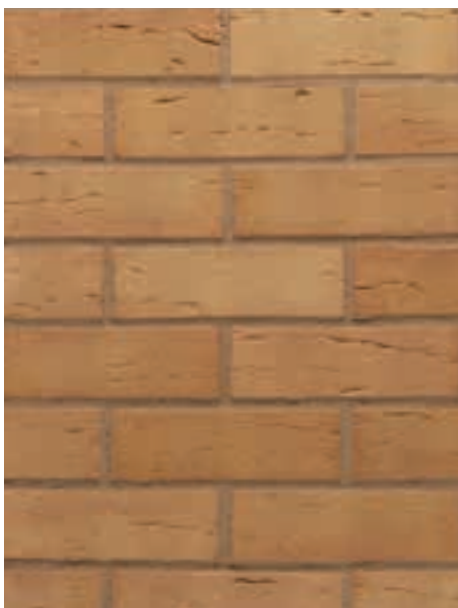
	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Rothesay Blend	W	Denton	T2	R1	F2	S2	≥50	≤10	400	860
Sahara Buff	W	Denton	T2	R1	F2	S2	≥50	≤10	400	860
Sandblasted Buff 73mm	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840
Staffordshire Golden Dragfaced	W	Kingsbury	T2	R1	F2	S2	≥45	≤10	400	881
Staffordshire Smooth Golden	W	Kingsbury	T2	R1	F2	S2	≥45	≤10	400	864
Swarland Golden Thatch	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Buff & Buff Multi - Wirecut



**Tawny Buff**



**Warm Golden Buff**



**Willowed Buff Multi**

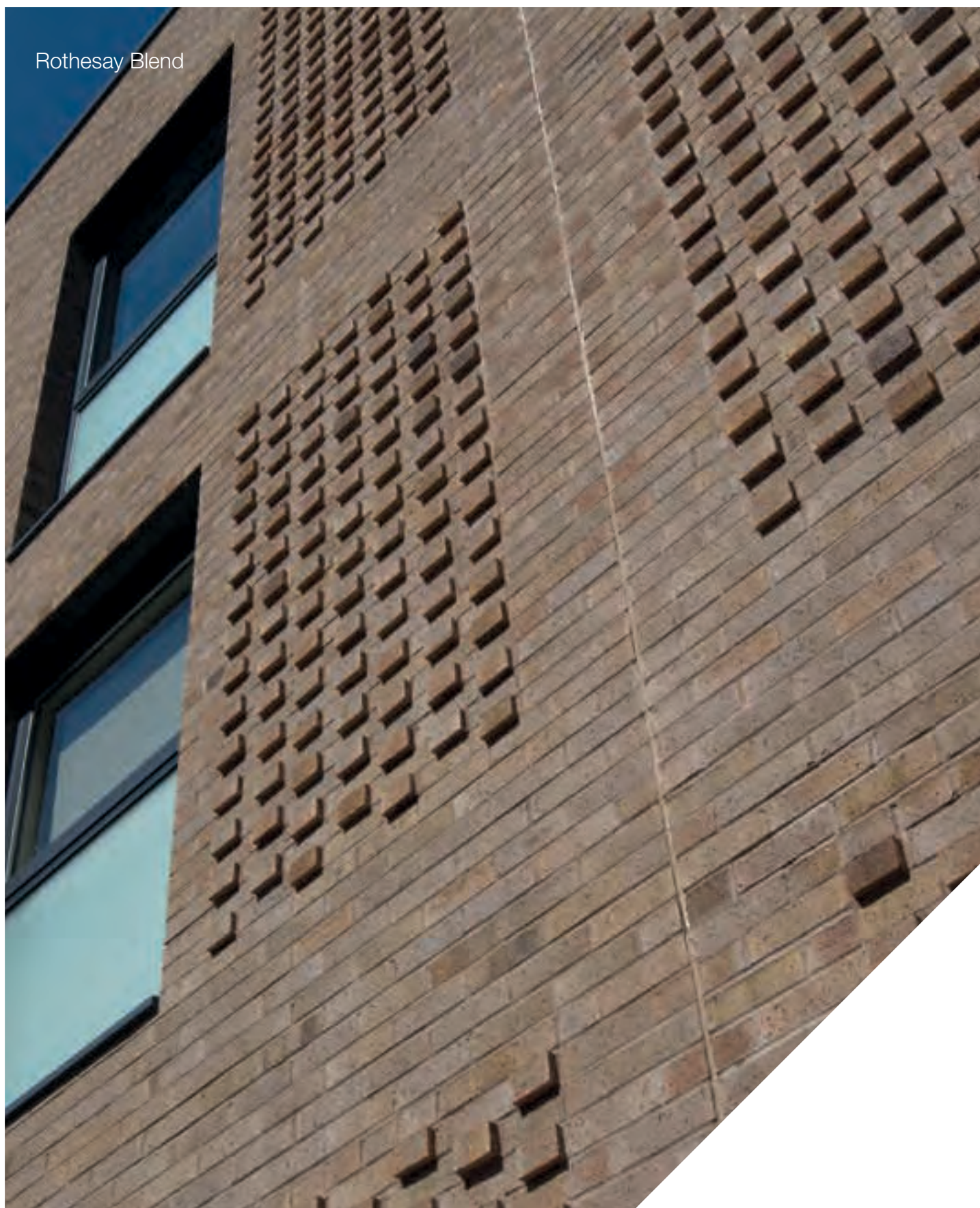


	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Tawny Buff	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	1013
Warm Golden Buff	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	950
Willowed Buff Multi	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	1006

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



Rothsay Blend



## Yellow & Yellow Multi - Stock



**Andante Golden Buff**



**Brookhurst Yellow Multi**



**Hampstead Yellow**



**Hurstwood Multi**



**Mayfield Yellow**

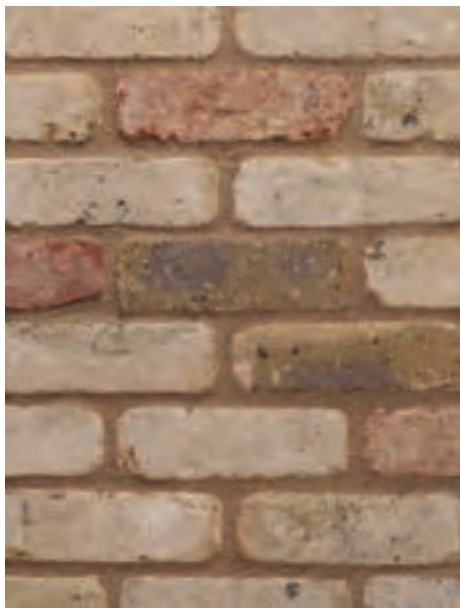


**Olde Alton Yellow Multi**

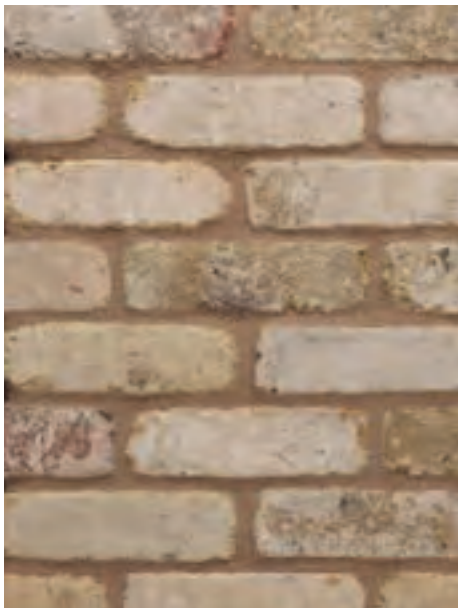
	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Andante Golden Buff	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1435
Brookhurst Yellow Multi	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1034
Hampstead Yellow	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	680	1468
Hurstwood Multi	S	Warnham	T1	RM	F2	S2	≥12	≤20	500	1138
Mayfield Yellow	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	680	1468
Olde Alton Yellow Multi	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤17	528	1302

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Retro London Stock**



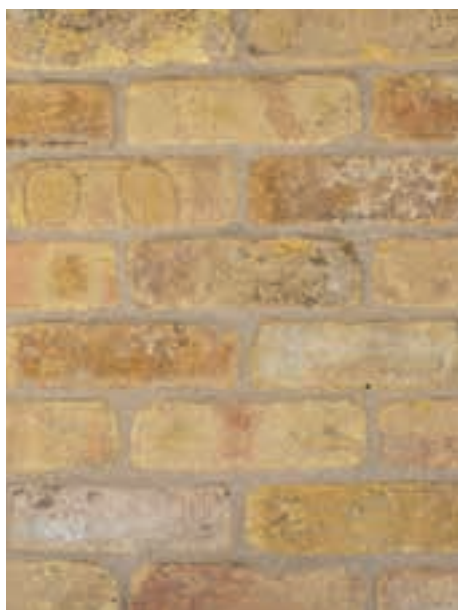
**Retro Mayfair Stock**



**Sandhurst**



**Sheerwater Silver Yellow Stock**

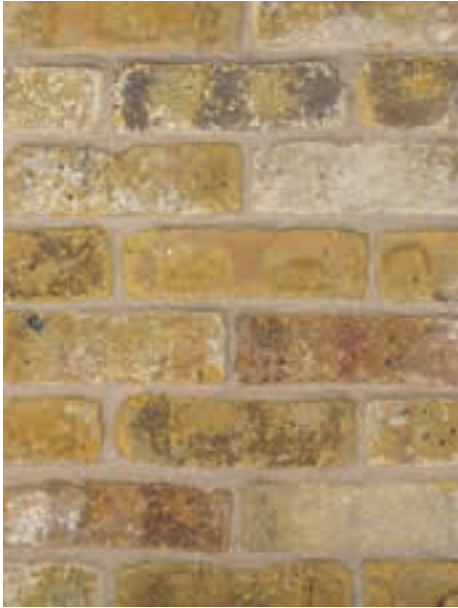


**Smeed Dean Aldwych  
Yellow Rustica**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Retro London Stock	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤19	600	1305
Retro Mayfair Stock	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤19	600	1305
Sandhurst	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1411
Sheerwater Silver Yellow Stock	S	Hull/Purfleet	T2	R1	F2	S2	≥30	≤20	640	1407
Smeed Dean Aldwych Yellow Rustica	S	Smeed Dean	TM	RM	F2	S2	≥7	≤24	400	827

S = Stock   Wa = Waterstruck   W = Wirecut   H = Handmade

## Yellow & Yellow Multi - Stock/Waterstruck/Wirecut



**Smeed Dean Bermondsey Yellow Rustica**



**Smeed Dean Docklands Yellow Multi**



**Smeed Dean Greenwich Yellow Multi Rustica**



**Smeed Dean Islington Yellow Rustica†**



**Smeed Dean London Stock†**



**Smoked Yellow Multi Gilt Stock**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Smeed Dean Bermondsey Yellow Rustica	S	Smeed Dean	TM	RM	F2	S2	≥15	≤22	400	788
Smeed Dean Docklands Yellow Multi	S	Smeed Dean	T1	R1	F2	S2	≥15	≤22	500	948
Smeed Dean Greenwich Yellow Multi Rustica	S	Smeed Dean	TM	RM	F2	S2	≥15	≤22	400	820
Smeed Dean Islington Yellow Rustica	S	Smeed Dean	TM	RM	F2	S2	≥15	≤22	400	818
Smeed Dean London Stock	S	Smeed Dean	T1	R1	F2	S2	≥15	≤22	500	945
Smoked Yellow Multi Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1120

† available in 50mm, 65mm and 68mm Imperial

S = Stock   Wa = Waterstruck   W = Wirecut   H = Handmade





Springfield Yellow



Yellow Gilt Stock



Yellow Multi Gilt Stock



Hendon Yellow Weathered

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE		EN 771-1	EN 771-1	EN 771-1		
Springfield Yellow	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≥19	680	1489
Yellow Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1136
Yellow Multi Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1035
Hendon Yellow Weathered	Wa	Hull/Purfleet	T1	R1	F2	S2	≥12	≤17	528	1240

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Yellow & Yellow Multi - Wirecut



**Chancery Yellow Multi**



**Kemsley Yellow**



**Sandalwood Yellow Multi**



**Terre Doree**



**Windmill Golden Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Chancery Yellow Multi	W	Sandown	T2	R1	F2	S2	≥50	≤10	400	881
Kemsley Yellow	W	Sandown	T2	R1	F2	S2	≥50	≤10	400	806
Sandalwood Yellow Multi	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	969
Terre Doree	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1210
Windmill Golden Multi	W	Denton	T2	R1	F2	S2	≥50	≤10	400	840

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



Sandalwood Yellow Multi



Cream & Cream Multi - Stock/Wirecut







**Brongroen\***



**Cambridge Cream**



**Con Mosso\***



**Highfield Cream**



**Marziale\***



**Mellow Richmond Stock**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Brongroen	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤15	546	1479
Cambridge Cream	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Con Mosso	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤15	546	1566
Highfield Cream	S	Todhills	T1	R1	F2	S2	≥16	≤14	500	1103
Marziale	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	546	1566
Mellow Richmond Stock	S	Todhills	T1	R1	F2	S2	≥16	≤14	500	1082

S = Stock   Wa = Waterstruck   W = Wirecut   H = Handmade

\*available in 65mm and 50mm

## Cream & Cream Multi - Stock/Wirecut



**Olde Ely Cream**



**Olde Ivory (210x100x65mm)\***



**Retro Gault Stock**



**St Ives Cream Rustica**



**Trinity Cream Gilt Stock**



**Trinity Cream Multi Gilt Stock**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Olde Ely Cream	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1451
Olde Ivory	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤8	528	1330
Retro Gault Stock	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤19	600	1349
St Ives Cream Rustica	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤16	600	1354
Trinity Cream Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1121
Trinity Cream Multi Gilt Stock	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1139

\*available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





Staffordshire Cream Dragfaced



Staffordshire Smooth Cream



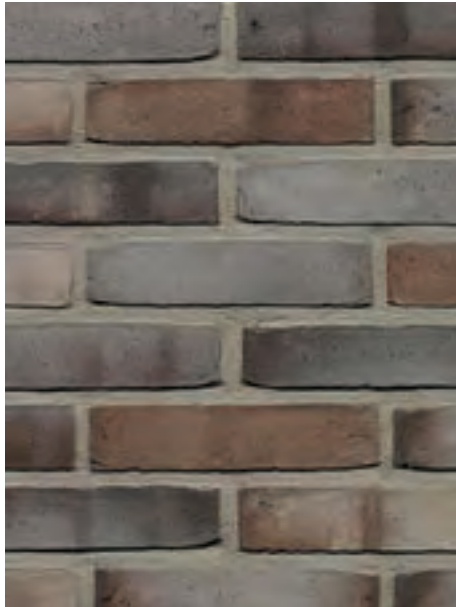
	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Staffordshire Cream Dragfaced	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	902
Staffordshire Smooth Cream	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	908

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Blue & Blue Multi - Stock/Wirecut/Waterstruck



**Bemmel Blue Stock\***



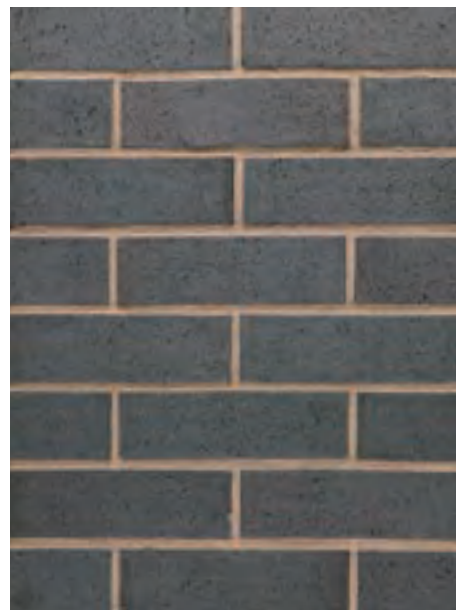
**Bemmel Blue Waterstruck\***



**Classic Blue Multi\***



**Granite Blue Dragfaced\***



**Staffordshire Blue Dragfaced\***

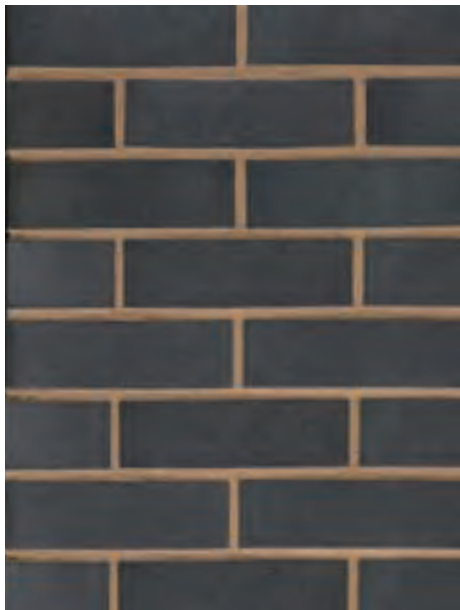
	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Bemmel Blue Stock	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤15	596	1400
Bemmel Blue Waterstruck	Wa	Hull/Purfleet	T1	RM	F2	S2	≥25	≤15	596	1430
Classic Blue Multi	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>†</sup>	400	1013
Granite Blue Dragfaced	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>†</sup>	400	1045
Staffordshire Blue Dragfaced	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>†</sup>	400	1044

\* available solid or perforated in 65mm and 73mm

† Water Absorption tested to EN772-7

\* available in 65mm and 50mm





**Staffordshire Smooth Blue** <sup>W</sup>



**Telford Brindle** <sup>W</sup>



**Granite Blue Dragfaced**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm²)	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Staffordshire Smooth Blue	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>†</sup>	400	1002
Telford Brindle	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	981

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Brown - Stock/Waterstruck/Wirecut



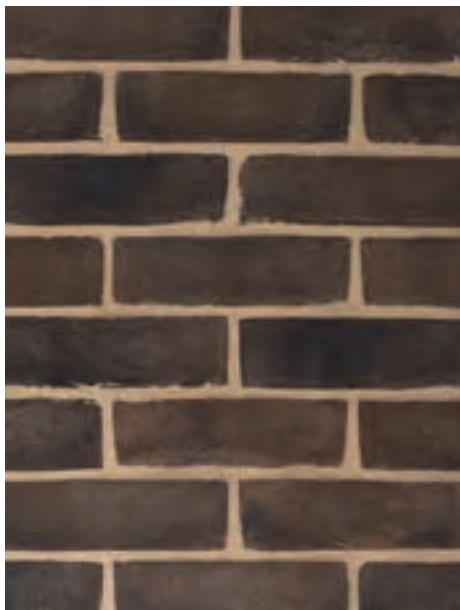
**Bowland**



**Forum Brown\***



**Forum Smoked Bruna**



**Pagus Brown/Black**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Bowland	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Forum Brown	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1331
Forum Smoked Bruna	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1341
Pagus Brown/Black	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤15	652	1500

\* also available in 65mm and 73mm

\* available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

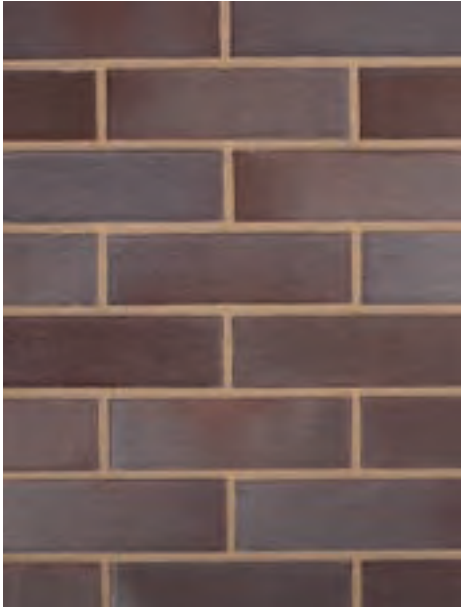




**Broadway Dark Multi**



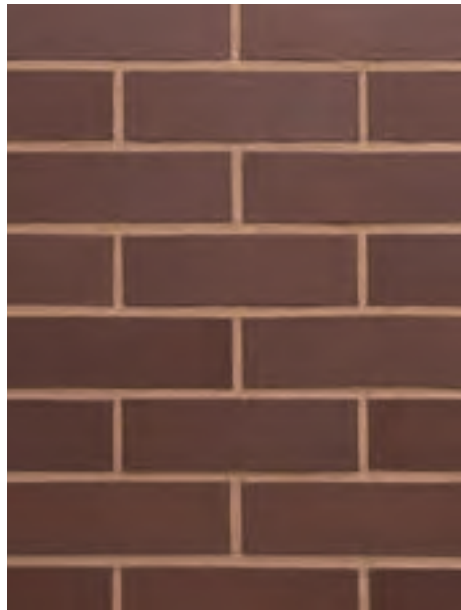
**Heartland Brown Multi†**



**Bromley**



**Staffordshire Brown Dragfaced**



**Staffordshire Smooth Brown**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm²)	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Broadway Dark Multi	Wa	Hull/Purfleet	T2	R1	F2	S2	≥35	≤12	608	1612
Heartland Brown Multi	Wa	Todhills	T1	R1	F2	S2	≥20	≤14	500	1146
Bromley	W	Hull/Purfleet	T2	R2	F2	S2	≥35	≤6	504	1235
Staffordshire Brown Dragfaced	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	937
Staffordshire Smooth Brown	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	851

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Brown - Wirecut



**Swarland Autumn  
Brown Sandfaced†**



**Swarland Dark Brown†**



**Terre Brune**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Swarland Autumn Brown Sandfaced	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Swarland Dark Brown	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Terre Brune	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1254

† available in 65mm and 73mm

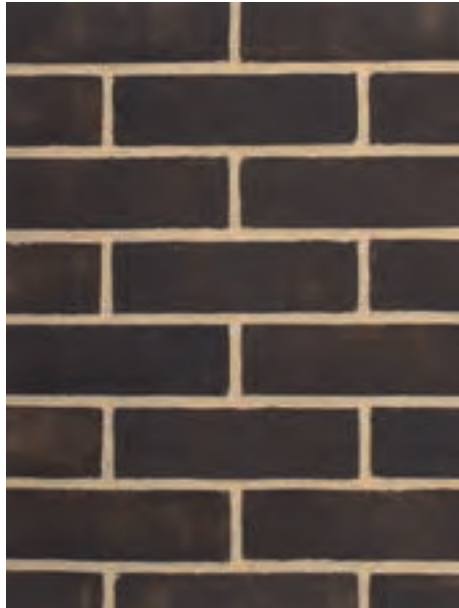
S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





Hectic Black

## Black - Stock/Wirecut



**Etna Black (210x100x65mm)**



**Galactic Black\* (228x108x54mm)**



**Graphite Black\* (210x100x65mm)**



**Hectic Black**



**Avenue Smooth Black\***



**Basalt Black**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Etna Black	S	Hull/Purfleet	T2	R1	F2	S2	≥35	≤15	322	762
Galactic Black	S	Hull/Purfleet	T2	R2	F2	S2	≥30	≤8	468	1249
Graphite Black	S	Hull/Purfleet	T1	R1	F2	S2	≥7	≤9	528	1336
Hectic Black	S	Hull/Purfleet	TM	RM	F2	S2	≥30	≤15	450	1358
Avenue Smooth Black	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤7	640	1747
Basalt Black	W	Hull/Purfleet	T2	R2	F2	S2	≥44	≤6	504	1360

\* available in 65mm and 50mm

† available in 65mm and 73mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





Flashed Black\*



Swarland Black†



Basalt Black and Platinum White

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm²)	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Flashed Black	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤6	320/640	1644
Swarland Black	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## Grey - Stock



**Forum Charcoal\***



**Forum Chrome\***



**Eastfield Grey**



**Forum Grey\***



**Forum Smoked Branco**



**Forum Smoked Cromo**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Forum Charcoal	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1315
Forum Chrome	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1448
Eastfield Grey	S	Todhills	T1	R1	F2	S2	≥16	≤14	500	1061
Forum Grey	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1410
Forum Smoked Branco	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1422
Forum Smoked Cromo	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1486

\* available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade





**Forum Smoked Prata**



**Langdale**



**Melton Grey**



**Forum Smoked Prata**

**Pagus Grey**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Forum Smoked Prata	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1436
Langdale	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Melton Grey	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤20	640	1520
Pagus Grey	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤19	652	1392

S = Stock   Wa = Waterstruck   W = Wirecut   H = Handmade

## Grey - Stock/Waterstruck/Wirecut



**Pagus Grey/Black**



**Pearl Grey\* (210x100x65mm)**



**Titan Grey\* (210x100x65mm)**



**Quartz Grey\* (210x100x65mm)**



**Silver Grey\* (210x100x65mm)**



**Clifton Grey Multi**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Pagus Grey/Black	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1392
Pearl Grey	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤8	528	1330
Titan Grey	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤10	528	1316
Quartz Grey	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤8	528	1342
Silver Grey	S	Hull/Purfleet	T1	R1	F2	S2	≥20	≤8	528	1330
Clifton Grey Multi	Wa	Hull/Purfleet	T2	R1	F2	S2	≥35	≤12	608	1612

\* available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

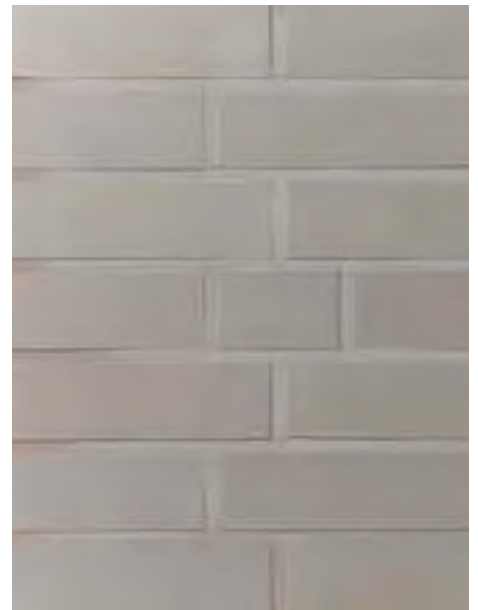




**Avenue Smooth Grey\***



**Terre Grise**



**Titanium Grey**



	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Avenue Smooth Grey	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤6	640	1696
Terre Grise	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1109
Titanium Grey	W	Hull/Purfleet	T2	R2	F2	S2	≥94	≤6	504	1160

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

## White - Stock/Wirecut



**Forum White\***



**Pure White (210x100x65mm)**



**Super White\* (210x100x65mm)**



**Argenti White Sanded\***



**Platinum White**



**Terre Blanche**

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Forum White	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	1410	1262
Pure White	S	Hull/Purfleet	T2	R1	F2	S2	≥35	≤8	640	1596
Super White	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤12	528	1285
Argenti White Sanded	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤6	560	760
Platinum White	W	Hull/Purfleet	T2	R2	F2	S2	≥94	≤6	504	1209
Terre Blanche	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1109

\* available in 65mm and 50mm

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



# Engineering Bricks

High quality engineering bricks that stand the test of time.

As well as over 450 facing bricks we also have a great range of engineering bricks. In fact our engineering bricks are considered by many as the best in the market.

The combination of our high quality red Class B engineering bricks and our range of Baggeridge Blues makes our offering second to none.

The high compressive strength and low water absorption properties and guaranteed durability of engineering bricks makes them ideal for use below ground level and damp proof courses.



	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Baggeridge Blue Engineer - 65mm Perf.	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	1018
Baggeridge Blue Engineer - 65mm Solid	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	1313
Baggeridge Blue Engineer - 73mm Perf.	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	368	1040
Baggeridge Blue Engineer - 73mm Solid	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	368	1348
Class A Blue Engineer Solid - 65mm Solid	W	Kingsbury	T2	R1	F2	S2	≥125	≤4.5	400	1354
Red Class B - 65mm Perf.	W	Denton	T2	R1	F2	S2	≥75	≤7	400	860
Red Class B - 73mm Perf.	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	997
Red Class B - 65mm Perf.	W	Sandown	T2	R1	F2	S2	≥75	≤7	400	896
Sandown Red Class B Solid	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	1280
Red Class B - 73mm Perf.	W	Denton	T2	R1	F2	S2	≥75	≤7	368	910
Staffordshire Smooth Blue - 65mm Perf.	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	1018
Staffordshire Smooth Blue - 73mm Solid	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	368	1348
Red Class B - 65mm Perf.	W	Ewhurst	T2	R1	F2	S2	≥75	≤7	400	923
Red Class B - 65mm Solid	W	Ewhurst	T2	R1	F2	S2	≥75	≤7	640	1800
Red Class B - 65mm Perf.	W	Kortemark	T2	R1	F2	S2	≥75	≤7	620	1600

# THE WATERSTRUCK RANGE

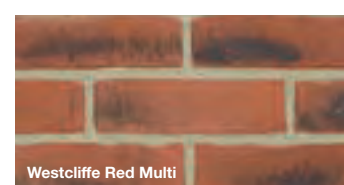
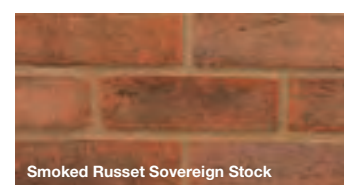
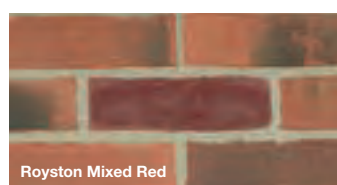
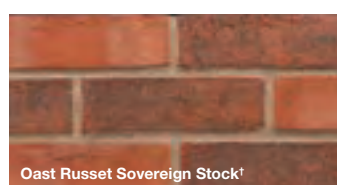
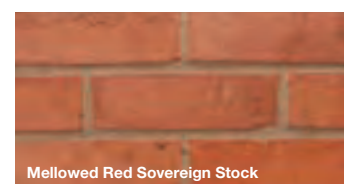
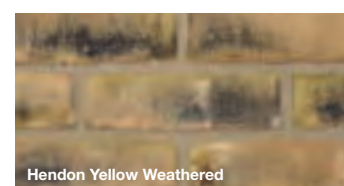
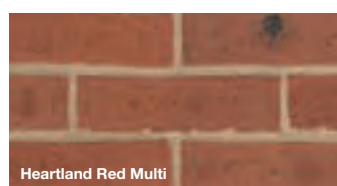
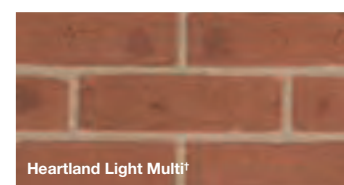
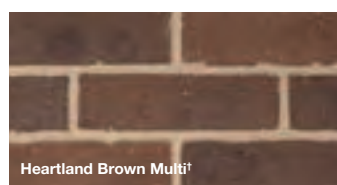
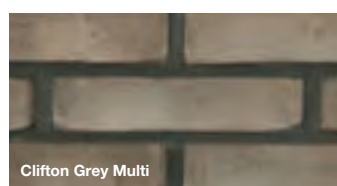
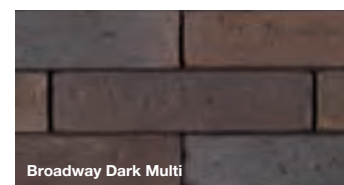
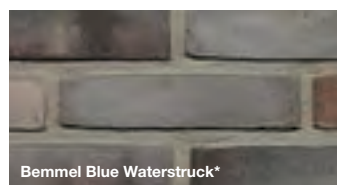
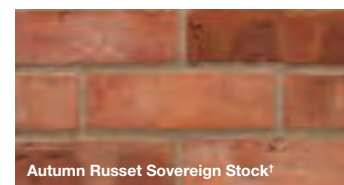
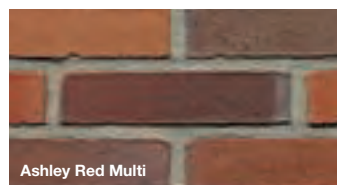




The unique and traditional way that waterstruck bricks are manufactured gives the range a distinct texture and a striking rustic appearance.

It's an appearance that can lend real character to buildings, and with Wienerberger offering the widest colour range on the market, these bricks also provide outstanding versatility of use.

The combined effect of the process, texture and colour range is to create a brick that is synonymous with premium quality and an upmarket aesthetic.



\* available in 65mm and 50mm

† available in 65mm and 73mm

## All creatures great and small: Wienerberger eco-habitats

Our sustainability agenda isn't one that simply concerns itself with our carbon footprint and material longevity. We also make sure that we provide for the environmental needs of the present – such as providing much-needed habitat for British wildlife.



This industry leading approach has seen us team up with EcoSurv, one of the UK's leading ecological consultancies, to design the most comprehensive range of eco-habitats available on the market.

### We can offer:

- The Habitat Bat Box
- The Swift Box
- The Starling Box
- The Sparrow Box



Each of these habitats can be created with any of our brick ranges, allowing the option of blending in with the existing brickwork, or indeed using a contrasting

colour. Likewise, while standard designs are available, Wienerberger is also able to offer a design service for customers who require bespoke boxes.

We can also provide advice on how to arrange for your eco-habitats to be monitored for activity.

We consider these added services as our responsibility to both our customers and our environment; the considerations that help set us apart in our industry. If you would like more information on any of the eco-habitats we offer, or would like to discuss bespoke requirements or simply get ecological advice, please don't hesitate to get in touch.





# BRICK SLIPS

## A NEW ADDITION TO THE WIENERBERGER FAMILY



Introducing the latest addition to the Wienerberger family; our extensive range of bricks slips are available in a variety of colours and finishes.

Providing excellent durability and low maintenance, brick slips are ideal for new build or renovation projects and are incredibly easy to fit and point. They offer an easy way to transform or improve the look of any wall, whether internal or external.

Wienerberger is able to offer the widest range of brick slips available in the UK.

### **Purpose-made brick slips**

Our new range of purpose-made brick slips is available in an extensive range of colours. They are 215 x 15 x 65mm in size and provide excellent dimensional tolerances. They provide a more cost effective option than having slips cut from full bricks.

### **All Wienerberger bricks are available as slips**

As well as our extensive range of purpose-made brick slips we are also able to offer any of our market leading range of bricks in slip format meaning customers can match to existing brickwork in an easy and hassle-free way.

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**Please contact us for more information on our range of brick slips or to discuss your requirements.**

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Bricks slips have the ability to transform the appearance of any wall, whether internal or external.

# Colour Fusion Range

**Anything is possible...**

Anything is possible with our bespoke palette mixing options. Our unrivalled Colour Fusion Range brings you a lasting, durable, visually appealing range of glazed bricks available in any RAL colour you desire.



## **Subtle, outspoken, vivid:**

Colour Fusion offers an artist's pallet of opportunity for you to make your next architectural project stand out from the crowd. From blank canvas to masterpiece, grasp the spirit of innovative design with Colour Fusion.

We invite you to be creative, expressive and inspired.

## **Available in**

215mm x 102.5mm x 65mm

Bespoke sizes, shapes and glazed surfaces to match any RAL colour reference are available to order.

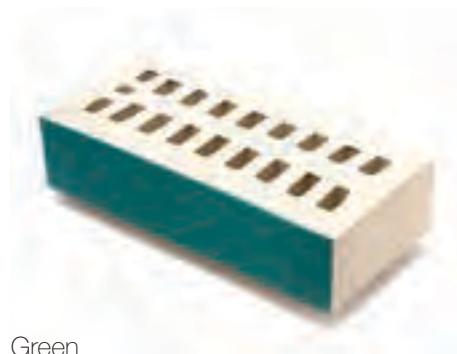




White



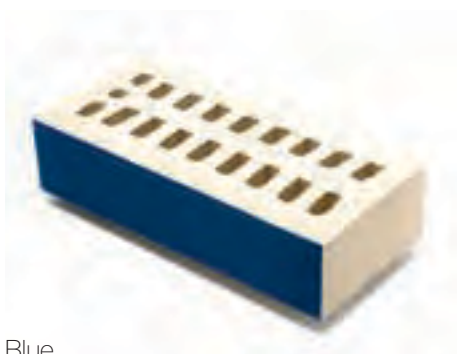
Yellow



Green



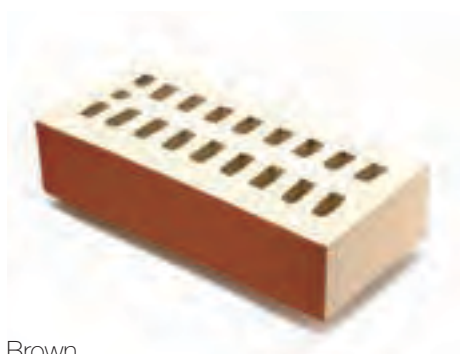
Red



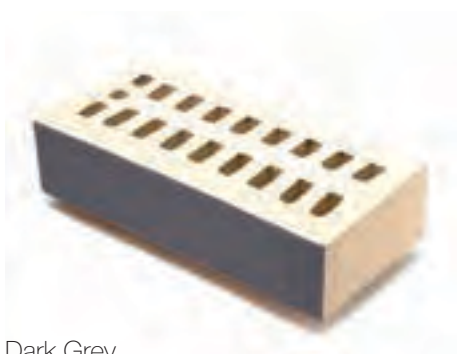
Blue



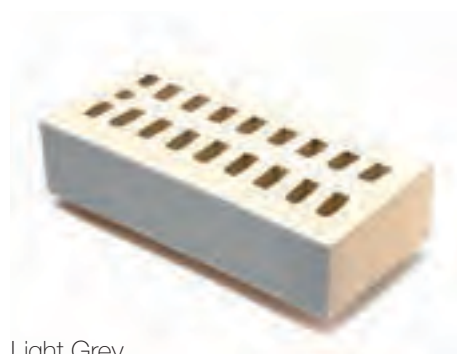
Black



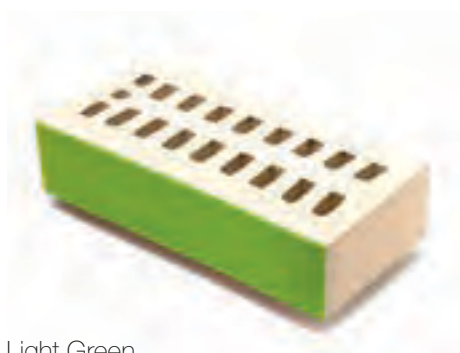
Brown



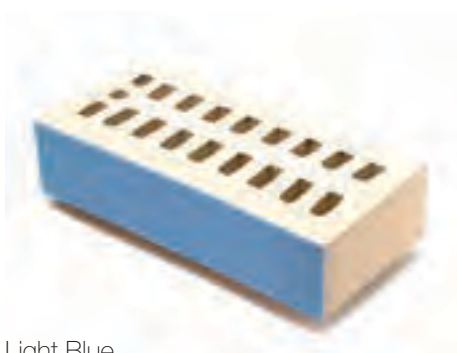
Dark Grey



Light Grey



Light Green



Light Blue



London White

## Size matters

We know that in construction, design, style and taste is always evolving. With that in mind, we create our brick range to have the variety to not only work in traditional architecture, but also to suit more experimental project trends.



With demand growing for formats that differ from standard UK dimensions, brick size has become a key aesthetic choice in achieving an alternative look and feel in a build. Having produced innovative products to meet this need for close to a decade, Wienerberger has led the way in creating bricks that allow builders and specifiers the freedom to explore the visual impacts of size format variations.

Both our Roman brick range and our Megaline brick range come in seven colours, and offer an unmatched range of sizes.

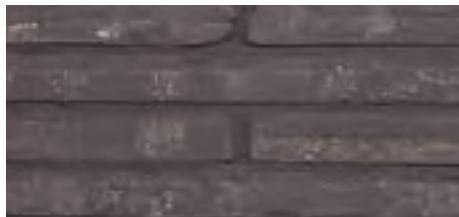
The Roman range is available in all sizes from 430mm to 511mm long, while the Megaline is available in 288 x 88 x 48mm.







## Roman Range



**Roman Black Waterstruck**



**Roman Blue**



**Roman Claret**



**Roman Grey Waterstruck**



**Roman Orange Multi**



**Roman Red Waterstruck**



**Roman Yellow**

Available in all sizes from 400mm to 510mm long

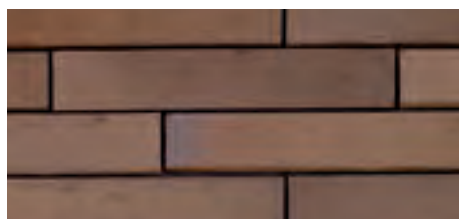
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			MEAN	RANGE						
Roman Black Waterstruck	Wa	Hull/Purfleet	TM	RM	F2	S2	≥30	≤8	165	754
Roman Blue	S	Hull/Purfleet	TM	RM	F2	S2	≥25	≤15	250	772
Roman Claret	S	Hull/Purfleet	TM	RM	F2	S2	≥25	≤15	250	772
Roman Grey Waterstruck	Wa	Hull/Purfleet	TM	RM	F2	S2	≥30	≤15	165	792
Roman Orange Multi	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤20	250	772
Roman Red Waterstruck	Wa	Hull/Purfleet	TM	RM	F2	S2	≥30	≤8	165	754
Roman Yellow	S	Hull/Purfleet	TM	RM	F2	S2	≥15	≤20	250	772

\*Contact us for further information

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade



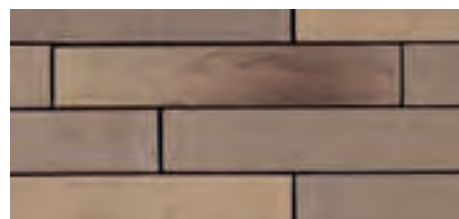
## Megaline Range



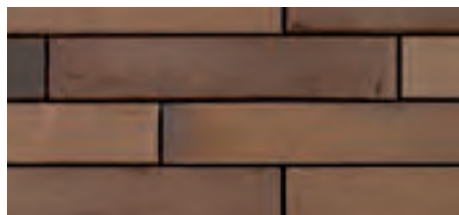
**Dark Brown Multi**



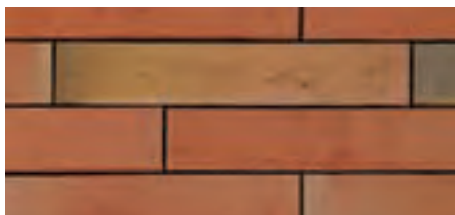
**Dark Red Multi**



**Grey Multi**



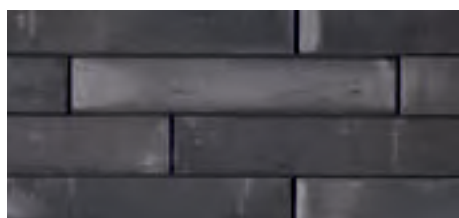
**Light Brown Multi**



**Light Red Multi**



**Orange Multi**



**Smoked Black**

Available in 288 x 88 x 48mm

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Dark Brown Multi	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1635
Dark Red Multi	W	Hull/Purfleet	T1	R2	F2	S2	≥25	≤11	804	1635
Grey Multi	W	Hull/Purfleet	T2	R2	F2	S2	≥30	≤8	804	1769
Light Brown Multi	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1443
Light Red Multi	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1443
Orange Multi	W	Hull/Purfleet	T2	R2	F2	S2	≥30	≤8	804	1533
Smoked Black	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1443

S = Stock   Wa = Waterstruck   W = Wirecut   H = Handmade

# SPECIAL SHAPED BRICKS ARE CHILD'S PLAY WITH WIENERBERGER

Special shaped bricks provide a range of benefits. Firstly, they can significantly enhance the aesthetics of a project by providing architects and designers with the freedom to create distinctive buildings.

But high quality aesthetics is only one of the advantages. Special shaped bricks can also add extra durability and protection to brickwork. They can even reduce build time and waste on site as well as address the skills shortage by reducing the need for hand cutting.

## **When it comes to special shaped bricks Wienerberger has got you covered**

Wienerberger has dedicated specials production facilities across the UK providing national coverage for all your specials requirements.

All British Standard shapes are available as manufactured or a selection of cut and bonded options across our market leading range of facing bricks.

For clients looking for something more individual we also offer a service to purpose-make bespoke special shapes to meet your specific requirement.

All of our special shaped bricks come with the same guarantees as our standard brick range.

## **Guaranteed quality**

Our Cut and Bond facilities offer a wide range of options from brick cutting, cut and bonded, cut and refaced or cut and filleted.

All of our cut and bonded specials are produced with high quality adhesives and complimentary sands to ensure long-term performance and to give the best match to our standard facing bricks. Our production sites are also covered by an ISO 14001 Environmental Management system which means you are getting high quality products from high quality facilities.

To ensure our customers get the highest quality products we only offer performance guarantees on cut and bonded specials that are produced in one of our production facilities.

Another benefit of using our cut and bonded specials is that our pricing is all inclusive. There is often a misconception that using bricks already on site to produce cut and bonded specials is a cheaper option. However, the prices for this usually don't include the initial cost of the bricks already on site and can also lead to more waste. Our prices cover the cost of the bricks, the manufacturing of the special shape and even delivery to site depending on the order quantity.



# IT'S NOT JUST OUR PRODUCT RANGE THAT MAKES IT EASY



We understand that with hundreds of different special shapes in many different profiles, choosing the right one for the job can be a daunting task.

That's why Wienerberger offers full training and support to all our customers.

Expert advice is available from our dedicated Specialist Products Team in our Customer Services Department as well as our Design Services Team.

We also offer Special Shaped Bricks training that covers all you need to know when it comes to what options you have and helping you make the right choice.

## **Free delivery available**

As well as helping our customers select the right product for their needs we will also deliver them free of charge on orders of 200 specials or more.

# WIENERBERGER SPECIALS ARE ESSENTIAL



The Essential range offers a market leading selection of readily available special shaped bricks, usually delivered within three working days.

With 52 profiles covering all the most popular British Standard specials in Staffordshire Smooth Blue, Staffordshire Smooth Red and Warnham Red Stock it's easy to create the look you want without facing extended lead times.



# 52 NEW FAVOURITE TOYS

Available in:



Smooth Blue



Smooth Red

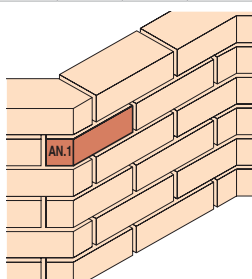
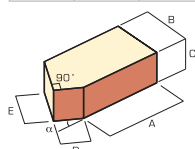


Warnham Red

A selection of some of the most popular Essential Specials

## Squint

AN.1	A	B	C	D	E	a
AN.1.1	164	102	65	51	89	30°
AN.1.2	164	102	65	51	94	45°
AN.1.3	164	102	65	51	117	60°

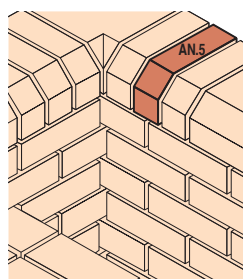
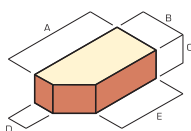


- Non standard angles can be manufactured or cut & bonded to order\*
- 73mm versions are also available.

**Squint** – angled brick designed to carry a building detail through an angle other than 90 degrees. Commonly used on bay windows.

## Single Cant

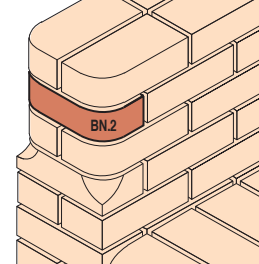
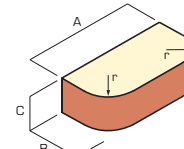
AN.5	A	B	C	D	E
AN.5.1	215	102	65	46	159
AN.5.2	215	102	65	60	173



**Single Cant** – one corner splay brick, typically used as a feature detail when clear lines are required or to remove the sharp edge to the brick. Commonly used in window & door reveals.

## Double Bullnose

BN.2	A	B	C	r
BN.2.1	215	102	65	25
BN.2.2	215	102	65	51

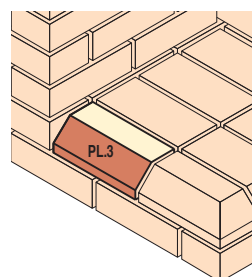
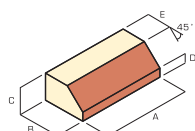


- 73mm versions are also available.

**Double Bullnose** – two corner rounded brick, typically used as a feature detail to soften the external edge of the brick. Commonly used as a capping detail.

## Plinth Stretcher

PL.3	A	B	C	D	E
PL.3.1	215	102	65	9	46
PL.3.2	215	102	65	23	60

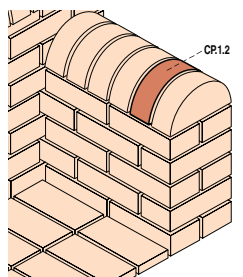
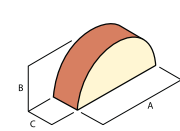


- 73mm versions are also available.

**Plinth Stretcher** – full stretcher splay brick, commonly used to reduce the thickness of a wall, creating a splay detail. Commonly used at the base of a building.

## Half Round Capping

CP.1	A	B	C
CP.1.2	215	108	65



**Half Round Capping** – Rounded flush specials to cap the tops of freestanding walls and parapets. Commonly used in walls.

For more information on our market leading range of special shaped bricks, free delivery or to enquire about specials training please contact your local sales manager or e-mail [specials@wienerberger.co.uk](mailto:specials@wienerberger.co.uk)

# POROTHERM

## PRECISION MADE CLAY BLOCK WALLING SYSTEM

Porotherm is a precision-made clay block walling system.

A modern method of construction with the reassuringly traditional values of clay.

Porotherm is extremely fast, virtually dry, safe and simple to use, immensely strong, environmentally friendly and efficient for stock-holding and storage. All of this makes it the ideal option for the UK construction market.

The system is versatile and can be used in both load bearing and non-load bearing applications:

- Inner leaf of brick-faced cavity walls
- Inner and outer leaves of rendered cavity walls
- Infill panels within framed structures
- Partition walls and separating walls
- Single leaf (monolithic) internal and external walls

With its lean laying process and rapid daily output, Porotherm brings cost and time-saving benefits throughout the build while its durability and thermal and acoustic efficiencies bring further advantages for decades to follow.

### Faster

With no mortar needed in vertical joints and a minimal 1mm bed joint, the Porotherm system rises rapidly. An average of 30-40m<sup>2</sup> per man per day is easily achievable; much faster than traditional masonry.

Porotherm's specialist ZeroPlus mortar can be used from 0°C and above, meaning that the projects can gain days/weeks extra in working time during winter.





### Drier

In comparison to traditional blockwork, Porothersm uses around 95% less water. In a typical 212m<sup>2</sup> building, concrete blocks will consume 1060 litres of water compared to just 72 litres for Porothersm.

### Stronger

The compressive strengths of Porothersm's core range are typically 10 N/mm<sup>2</sup>, so one block fits the majority of requirements. As a result, there is no need to keep multiple blocks on-site, reducing the risk of wrong-block use and optimising storage space.

### Efficient

Thermally efficient in helping to regulate variations in temperature.

Typically 2% waste provision for blocks.

### Safer

Porothersm blocks are generally lighter than concrete (optimum weight under 11kg) allowing workers to maintain steady production rates without the risk of repetitive strain injuries.

Fire resistance is outstanding – Porothersm achieves a Class A1 rating for a 100mm wall.

### Sustainable

A+ BRE Green Guide rating in external walls.

Life expectancy of more than 150 years and blocks recyclable at end of life.

30% of materials from alternative, recycled or secondary sources.

# POROTHERM

## HELPING YOU MAXIMISE THE BENEFITS OF THE SYSTEM

To get the best from the Porotherm system it is important to understand the tools and materials that define the process. Assembly methods are easy to learn, and the system can be laid extremely quickly to achieve a strong, accurate, high quality structure.





## Training and Support

To help our clients get the maximum benefit from the system, Wienerberger and our distribution partners offer an extensive training and support service to assist you through the construction process.



### On-line Support

[www.porothermdiscoveryhub.co.uk](http://www.porothermdiscoveryhub.co.uk)

A dedicated web site that covers everything you need to know, from FAQs to on-line tutorials on how to use the system.

### Free Training

We have a network of purpose-built training and demonstration centres where we hold free training sessions. These sessions are designed to teach participants how to build with Porotherm and how to best achieve all of the benefits the system offers. Training sessions can easily be booked on our Porotherm Discovery Hub.

### On-site Support

To ensure your Porotherm build runs smoothly from the word go, we offer on-site consultation from the start. Porotherm masons can be present on-site when work commences to offer best practice advice and continuing on-site training to operatives if required.

### Technical Support

We provide comprehensive technical and installation advice and a library of technical literature and key component details.

**FOR MORE INFORMATION ON OUR POROTHERM CLAY BLOCK WALLING SYSTEM E-MAIL [POROTHERM@WIENERBERGER.CO.UK](mailto:POROTHERM@WIENERBERGER.CO.UK)**



**PENTER**

# BEAUTIFUL PAVERS; UNBEATABLE VARIETY

**Telford Southwater One**

Products used: Sienna, Mastiek and Nero



## Wienerberger's landscaping brand, Penter, comprises of one of the largest ranges of clay paving in the UK.

In addition to the long-established range of the famous blue clay Baggeridge paving, we have also introduced unique clay product lines including Slimpave and Dutch paving which offer a stunning alternative to traditional pavers and which are unique in the UK market.

Our paving products are available in a range of colours from contemporary blues and buffs to traditional reds, to suit any landscape.

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For more information on our range of Penter clay paving, visit [www.wienerberger.co.uk/landscapes](http://www.wienerberger.co.uk/landscapes) or call **0845 303 2524**.

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Piccadilly Place, Manchester

Pavers used: Eindhoven Mixed Red, rigidly laid



The Library of Birmingham, Birmingham

Pavers used: Dragfaced Chamfered Blue, Multi Brindled, Essen Red, Hannover Buff Brindled



**SANDTOFT**

**DESIGNED  
FOR STYLE.  
BUILT  
TO LAST.**



Alban Sussex Blend





Wienerberger's roof brand, Sandtoft, produces the largest and most innovative range of roof tile systems in the UK. Our extensive portfolio contains many unique and ground-breaking products, which means we can provide high performance and reliable roofing solutions that fit any budget or planning requirement.

Our range includes roofing products made from natural clay, concrete and recycled slate, covering virtually every design style from plain tiles to large format new generation tiles. You will also find a universal building integrated PV system plus a complete range of roofing accessories.

We have modern roof tile systems that reduce costs, installation time, and weight, plus traditional designs that respect different local and regional architecture. For more historic roof tile needs, our Heritage Service creates bespoke, handmade clay tiles for restoration and conservation projects.



# KEYMER



HANDMADE CLAY TILES

# KEYMER

EST. 1588

In safe hands

  
**Wienerberger**





Keymer is one of the oldest established roofing brands in the UK, crafting handmade tiles and fittings since 1588. The use of local, rich Wealden clay produces unique warm colours, textures and provides renowned durability.

Keymer's rich heritage continues to thrive as it moves for the fourth time to its new home in Ewhurst, where the same artisan approach and the same materials and method are still being used to this day.

industry in the UK; it has two core product ranges and offers one of the only truly handmade tiles in Europe. The focus on maintaining the skills of the past whilst delivering a strong, long lasting clay roof tile means that every Keymer tile is a living piece of history.

Keymer tiles form a strong foundation for the heritage

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For more information on our range of Sandtoft and Keymer roof tiles or our Heritage service, visit [www.wienerberger.co.uk/roof](http://www.wienerberger.co.uk/roof) or call 0844 9395 900.

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# Corium is a unique brick cladding system that combines the natural beauty of genuine brick with cost effective fast track installation.

The Corium system comprises brick tiles specially manufactured to fix mechanically to a HPS200 galvanised steel backing section. These profiled lengths are mounted in horizontal rows onto a vertical support system and the brick tiles are clipped in place. The mechanical 'clipping' feature is unique to Corium and ensures a high strength façade whilst enabling some adjustment of tile position during installation.

## The benefits of Corium:

- Strong and Durable - With an HPS200 galvanised steel or Grade 304 stainless steel backing section (stainless steel below DPC), and using frost resistant brick tiles, the system is designed to last 60 years
- Fast and Simple - Building with Corium can be considerably faster than with traditional brickwork, and is quick and easy to install
- Versatile and Aesthetic - Available in a variety of colours, textures and even bespoke sizes, Corium is designed to blend with or complement any new build or refurbishment project
- Cost Effective and Assured - Corium is suitable for use with a wide range of sub-structures, including concrete, timber-frame, structural steel, lightweight steel frames, structurally insulated panels and masonry
- Corium clad buildings may also benefit from simpler, lower cost foundations
- BRE certified and industry tested, Corium is provided as a supply and fix solution through a nationwide network of recognised installers

## Key Features:

- Unique, innovative system
- Real brick aesthetic
- Flexible, functional and imaginative
- Extensive range of colours, textures and sizes available
- Range of special shapes, including purpose-made returns and flat arches, are available
- Industry tested and BRE certified
- Can save time and money


Corium is available exclusively through Taylor Maxwell in the UK.











ArGeTon is an innovative and cost effective cladding system based on the proven principle of the ventilated cavity, using natural clay tiles suspended in a rainscreen, mechanically attached to an aluminium substructure.

The natural beauty and symmetry of the façade is created by contrasting the smooth faced tile with the precise joint. Whether as the main theme cladding or as a feature, the clean lines and aesthetic charm of ArGeTon can be effectively designed in conjunction with the cladding components of glazing, curtain walling and stucco.

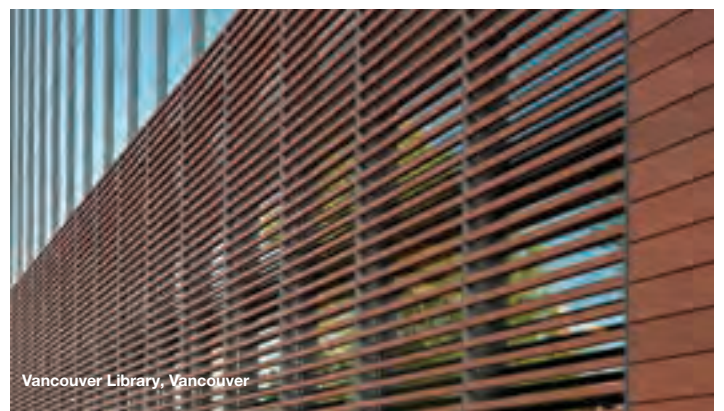
ArGeTon is manufactured in twenty six captivating colours of natural clay and the tiles can be smooth faced, profiled, textured, engobe or glazed. The range of tile profiles, dimensions and finishes available permits a design that expresses individuality whether new build or refurbishment.





#### Key Features:

- Combines technology and ecology with affordability
- Range of colours and size formats available
- Excellent dimensional accuracy
- Experienced technical support
- Suitable for new build and refurbishment projects



# The Wienerberger e4 Brick House™ -building a better future



- Developed to address the need for higher quality, affordable, sustainable housing in the UK
- A modern, affordable home that is being built today
- A fabric first approach
- Long-term cost and energy gains
- Range of typologies available
- BIM ready
- Wienerberger support throughout the construction process from design to post-completion

## Designed around 4 key elements:



### economy

- Represents value
- Cost-effective to construct
- Affordable to buy and live in



### energy

- Low embodied energy (and carbon)
- High energy efficiency



### environment

- Minimise environmental impact
- Sustainable building materials

For more information on our e4 concept please visit our website or email [e4@wienerberger.co.uk](mailto:e4@wienerberger.co.uk)





## emotion

- Provide quality homes
- Provide healthy homes
- Evoke the virtue of a masonry home (solidarity, security, longevity)



Townhouses

With support from

# ARUP

Brick Mix


## Handpick your own bespoke blend

We understand that choosing the right bricks can make or break a build. We also understand that the more options you have, the easier it is to make the right choice to give your project the unique appearance and character.

With Wienerberger's Brick Mix service, you can combine any of our products to create your own bespoke blend. With access to an extensive product portfolio, simply mix and match bricks for complete individuality.

Contact us for more information or to discuss your requirements.





Mix and match  
to create your own  
signature blend

Choose from hundreds  
of different brick types

A wide range of colour  
and texture combinations  
are possible

## Grab a sample

Once you have selected the bricks that you are interested in, it is quick and easy for you to request samples.



### There are four easy ways to make a sample request:


- Visit our website  
[www.wienerberger.co.uk/walls/bricks](http://www.wienerberger.co.uk/walls/bricks)
- Email us at  
[samples@wienerberger.co.uk](mailto:samples@wienerberger.co.uk)
- Call our Customer Service Team on  
0845 303 2524
- Download our Brick Selector App  
and request your samples via tablet  
or smartphone



See page 8 for more details on our App







## Specialist design, technical expertise

Wienerberger's Design Services Department offers specialist design and technical expertise, providing effective and helpful advice to achieve successful brickwork.

The services offered range from guidance on the most appropriate product selection for particular projects and applications through to final product specification including current building standards and codes of practice, special shaped bricks, bond patterns, movement joints and brickwork detailing.

A comprehensive knowledge of special shaped bricks combined with the use of CAD software enables us to assist in detailing customer requirements where Terca bricks have been specified.







Figure 3.1 An example of a Wienerberger model – graphical content

## Wienerberger objects

**All of our objects can be found on our BIMLab web portal. They are free to download and provide a market-leading level of information within them.**

Each model has two types of information, graphical and non-graphical. The graphical element simply depicts the product when rendered and allows the designer to see the shape and size of the product. The non-graphical provides all of the certification, guarantee, life expectancy, technical specifications and material information for the product. It is this element that allows the creation of the specification. By simply utilising one of our models, any contractor wishing to switch a product needs to ensure it meets or exceeds every test result and certification, or it is liable for

any future incidents the building may suffer.

We currently have 150 models on BIMLab, however the number is growing as the project evolves.

### What does this mean for you?

It is important that you have an understanding of what BIM is, how it works and what the objectives for BIM are. As the market adapts you will find more and more elements of the chain enquiring about the capabilities of BIM. The portal aims to explain these capabilities and the many operational improvements that BIM will bring to the industry.

BIM is changing the way architects, house builders and contractors work; architects will be working on individual projects and require a

deep understanding of what our BIM models offer, where they can be found and at what point the physical components will need to be delivered (linked to DPoV).

Contractors and house builders will be developing their own models and will require information at the estimating or design stages, depending on the type of contract and build. Our capabilities will always be adapting and improving as we all progress on the journey to level 3 BIM and beyond. The latest models can always be found on the BIMLab at...

[www.bimlab.biz](http://www.bimlab.biz)



Parameter	Value
<b>Classification</b>	
RangeClassification_mtrl	R2
UnitClassification_mtrl	253 x 102.3 x 85
VolumeOfFormedGoods_mtrl	33.000000
UnitDimensionCoordinating_mtrl	213 x 102.3 x 75
<b>Text</b>	
COBie Type-EOObject	Not Specified
COBie Type-Manufacturer	Wienerberger
COBie Type-WarrantyDescription	Not specified
COBie Type-AssetType	Brick
COBie Type-WarrantyDurationYear	Not specified
COBie Type-WarrantyDurationMths	Not specified
COBie Type-WarrantyDurationDays	Not specified
COBie Type-WarrantyGuaranteeRatio	Not specified
COBie Type-ModelNumber	2610040 (Sandrown)
COBie Type-CreatedBy	Chris.aharney@wienerberger.com
COBie Type-Category	Fr_20_93_50_13
COBie Type-Description	Brick
COBie Type-Items	Terra - Rustic Red
Items	Terra - Rustic Red
SerialNumber	2610040 (Sandrown)
AssetIdentifier	2610040 (Sandrown)
TypeName	Terra - Rustic Red
TagNumber	2610040 (Sandrown)
WarrantyStartDate	Not specified
<b>Structural</b>	
WeightArchFact_mtrl	328.000 kg
WeightArch_mtrl	2.570 kg
BondStrength_mtrl	5.150000 MPa
CompressiveStrengthCategory_mtrl	40.000000 MPa
ToleranceClass_mtrl	T2-R2
DensityGross_mtrl	2270.000000 kg/m <sup>3</sup>
DensityNet_mtrl	1800.000000 kg/m <sup>3</sup>
VolumeOfNet_mtrl	14
WeightOfNet_mtrl	25
<b>Inventory Data</b>	

Figure 3.2 An example of Wienerberger non graphical model content

## One final thought....

"The day is near when there will be a significant cost to product manufacturers if they do NOT produce BIM information for their clients. The stark reality is that BIM will continue to significantly change the construction business environment and product manufacturers who are not willing to adapt to support the BIM process will face the reality that they will cease to remain competitive in the marketplace."

John I. Messner, Professor of Architectural Engineering  
Director, Computer Integrated Construction Research Program  
Penn State University



# Continuing Professional Development (CPD)

Our CPD seminars offer an exciting opportunity for professionals to enhance their knowledge and skills in existing and new areas of practice, which is crucial to maintaining qualified status and an appropriate level of expertise. Architects and tradespeople looking to expand their knowledge of brick, block, wall and pavers, as used across the entire building envelope, stand to benefit from our complementary seminars, which can be tailored to suit the individual needs of the audience.

Our in-depth CPD seminars are certified by the Royal Institute of British Architects (RIBA) and delivered by our most experienced and qualified personnel.

To book a CPD presentation call us on 0845 303 2524, or alternatively email [CPD@wienerberger.co.uk](mailto:CPD@wienerberger.co.uk) for more information.

 RIBA



	PAGE	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
				MEAN	RANGE	EN 771-1	EN 771-1	EN 771-1	EN 771-1		
Abbeydale Red Multi	40	W	Waresley	T2	R1	F2	S2	≥35	≤20	500	1040
Aldbury Multi Stock	22	S	Purfleet	T2	R1	F2	S2	≥20	≤20	596	1380
Andante Golden Buff	62	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1435
Anglesey Weathered Buff	56	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Argenti White Sanded	84	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤6	560	760
Arley Red Rustic	40	W	Hartlebury	T2	R1	F1	S2	≥28	≤20	430	893
Ashington Red Multi	22	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1200
Ashley Red Multi	37	S	Hull/Purfleet	T1	R1	F2	S2	≥20	≤14	500	1247
Autumn Russet Sovereign Stock	37	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Avenue Smooth Black	78	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤7	640	1747
Avenue Smooth Grey	83	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤6	640	1696
Avenue Smooth Orange	54	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤8	640	1645
Avenue Smooth Red	40	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤6	640	1645
Avenue Smooth Yellow	65	W	Hull/Purfleet	T2	R1	F2	S2	≥45	≤8	640	1645
Bamburgh Red Stock	22	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1217
Basalt Black	78	W	Hull/Purfleet	T2	R2	F2	S2	≥44	≤6	504	1360
Bemmel Blue Stock	72	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤15	596	1400
Bemmel Blue Waterstruck	72	Wa	Hull/Purfleet	T1	RM	F2	S2	≥25	≤15	596	1430
Berkshire Red	40	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	871
Bisque Red Multi	40	W	Waresley	T2	R1	F1	S2	≥25	≤24	500	995
Blended Orange Gilt Stock	52	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1141
Blended Red Multi Gilt Stock	22	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1143
Bloomsbury Multi	22	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1204
Blue Engineer	72	W	Kingsbury	T2	R1	F2	S2	≥125	≤4.5	400	1354
Blue Velvet	22	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1315
Bourneville Buff Blend	58	W	Sandown	T2	R1	F2	S2	≥50	≤10	400	804
Bowland	74	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Bradfield Multi	24	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1196
Bramshaw Buff	56	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Broadway Dark Multi	75	Wa	Hull/Purfleet	T2	R1	F2	S2	≥35	≤12	608	1612
Bromley	75	W	Hull/Purfleet	T2	R2	F2	S2	≥35	≤6	504	1235
Bronsgroen	69	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤15	546	1479
Brookhurst Yellow Multi	62	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1034
Burgundy	41	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	880
Caldera Red Multi	41	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	835
Cambridge Cream	69	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Camden	41	W	Hull/Purfleet	T2	R2	F2	S2	≥44	≤6	504	1235
Chancery Yellow Multi	66	W	Sandown	T2	R1	F2	S2	≥50	≤10	400	811
Chartham Multi Stock	24	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1118
Chepstow Multi	42	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

	PAGE	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
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Cinnabar Red Multi	42	W	Waresley	T2	R1	F2	S2	≥35	≤20	500	962
Classic Blue Multi	72	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>†</sup>	400	1013
Clent Russet Mixture	42	W	Hartlebury	T2	R1	F1	S2	≥28	≤20	430	901
Clifton Grey Multi	82	Wa	Hull/Purfleet	T2	R1	F2	S2	≥35	≤12	608	1612
Colchester Yellow	65	Wa	Hull/Purfleet	T2	R1	F2	S2	≥35	≤20	608	1496
Con Mosso	69	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤15	546	1566
Cranbrook Red	42	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	863
Crofters Medley	42	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Dartmoor Heather	42	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Dorchester Red Stock	24	S	Hull/Purfleet	T2	R1	F2	S2	≥40	≤20	640	1613
Dorridge Red Multi Stock	24	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	640	1613
Dorton Manor Stock	24	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1149
Draycott Red Multi	44	W	Sandown	T2	R1	F2	S2	≥40	≤10	400	862
Durham Claret Stock	24	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1221
Durham Dark Multi Stock	25	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1189
Durham Red Multi Stock	25	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1203
Eastfield Grey	80	S	Todhills	T1	R1	F2	S2	≥16	≤14	500	1061
Elizabethan Light Bronze Multi	56	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	546	1566
Etna Black	78	S	Hull/Purfleet	T2	R1	F2	S2	≥35	≤15	322	762
Flashed Black	79	W	Hull/Purfleet	T2	R2	F2	S2	≥50	≤6	320/640	1644
Flashed Orange	54	W	Hull/Purfleet	T2	R2	F2	S2	≥45	≤6	320/640	760
Flashed Red	44	W	Hull/Purfleet	T1	R1	F2	S2	≥40	≤14	320/640	760
Forum Brown	74	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1331
Forum Burgundy	25	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	652	1540
Forum Charcoal	80	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1315
Forum Chrome	80	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1448
Forum Claret	25	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤13	528	1316
Forum Grey	80	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1410
Forum Smoked Branco	80	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1422
Forum Smoked Bruna	74	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1363
Forum Smoked Cromo	80	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1486
Forum Smoked Prata	81	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1436
Forum Velvet	25	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1344
Forum White	84	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	528	1410
Gainsborough Multi Stock	25	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1206
Galactic Black	78	S	Hull/Purfleet	T2	R2	F2	S2	≥30	≤8	468	1249
Georgian Dark Bronze Multi	56	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤15	546	1566
Granite Blue Dragfaced	72	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>†</sup>	400	1045
Graphite Black	78	S	Hull/Purfleet	T1	R1	F2	S2	≥7	≤9	528	1336
Grove Orange Multi Stock	52	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	640	1613
Hamlet Antique	26	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654

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† = Tested to EN772-7



	PAGE	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
				MEAN	RANGE	EN 771-1	EN 771-1	EN 771-1	EN 771-1		
Hampstead Yellow	62	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	680	1468
Harvest Buff Multi	58	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	971
Hathaway Brindled	26	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Hathersage Blend	56	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤17	528	1297
Haywood Red	26	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Heartland Brown Multi	75	Wa	Todhills	T1	R1	F2	S2	≥20	≤14	500	1146
Heartland Light Multi	37	Wa	Todhills	T1	R1	F2	S2	≥20	≤14	500	1247
Heartland Red Multi	38	Wa	Todhills	T1	R1	F2	S2	≥20	≤14	500	1247
Hectic Black	78	S	Hull/Purfleet	TM	RM	F2	S2	≥30	≤15	450	1358
Hectic Red	26	S	Hull/Purfleet	TM	RM	F2	S2	≥30	≤15	444	1070
Hectic Special	26	S	Hull/Purfleet	TM	RM	F2	S2	≥30	≤15	450	1085
Hendon Yellow Weathered	65	Wa	Hull/Purfleet	T1	R1	F2	S2	≥12	≤17	528	1240
Heritage Blend	26	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	652	1540
Heritage Olde English (New)	28	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1400
Hestia Multi	52	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1238
Highfield Cream	69	S	Todhills	T1	R1	F2	S2	≥16	≤14	500	1103
Hurstwood Multi	62	S	Warnham	T1	RM	F2	S2	≥12	≤20	500	1138
Ingle Red	44	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	824
Jasmine Blend	56	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤17	528	1301
Jewel Multi	28	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	652	1540
Kassandra Multi	28	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1314
Kempley Antique	28	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Kemsley Yellow	66	W	Sandown	T2	R1	F2	S2	≥50	≤10	400	806
Kenilworth Antique	28	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Kinder Mixed Red	44	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Kingshurst Multi	28	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1174
Kingswood Orange Multi	52	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤13	528	1284
Langdale	81	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Leamington Buff Multi	58	W	Denton	T2	R1	F2	S2	≥50	≤10	400	860
Lincoln Red	38	Wa	Hull/Purfleet	T2	R1	F2	S2	≥25	≤12	608	1612
Lingfield Red Multi	29	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1162
Loxley Red Multi	29	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	652	1540
Lynemouth Multi	29	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1247
Maldon Antique	29	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Maple Red Multi	44	W	Waresley	T2	R1	F2	S2	≥35	≤20	500	1000
Maplehurst Light Multi Stock	29	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1142
Mardale Antique	29	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	652	1540
Marpessa Multi	30	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1246
Marziale	69	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	546	1566
Mayfield Yellow	62	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	680	1468
Medium Surrey Blend	30	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654

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				MEAN	RANGE	EN 771-1	EN 771-1	EN 771-1	EN 771-1		
Megaline Dark Brown Multi	97	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1635
Megaline Dark Red Multi	97	W	Hull/Purfleet	T1	R2	F2	S2	≥25	≤11	804	1635
Megaline Grey Multi	97	W	Hull/Purfleet	T2	R2	F2	S2	≥30	≤8	804	1769
Megaline Light Brown Multi	97	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1443
Megaline Light Red Multi	97	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1443
Megaline Marono Brown	97	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1494
Megaline Marono Brown Engobed	97	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1434
Megaline Marono Grey/Brown	97	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤8	804	1456
Megaline Orange Multi	97	W	Hull/Purfleet	T2	R2	F2	S2	≥30	≤8	804	1533
Megaline Smoked Black	97	W	Hull/Purfleet	T2	R2	F2	S2	≥25	≤11	804	1443
Mellow Richmond Stock	69	S	Todhills	T1	R1	F2	S2	≥16	≤14	500	1082
Mellowed Red Sovereign Stock	38	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Melton Grey	81	S	Hull/Purfleet	T2	R1	F2	S2	≥25	≤20	640	1520
Milano	30	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1333
Mozart Blend	30	S	Hull/Purfleet	T1	R1	F2	S2	≥15	≤15	632	1441
Mulberry Red	44	W	Waresley	T2	R1	F2	S2	≥35	≤20	500	1037
Mulcol 73mm	45	W	Denton	T2	R1	F2	S2	≥40	≤12	368	910
Nevada Buff	58	W	Sandown	T2	R1	F2	S2	≥50	≤10	400	776
New Red Multi Gilt Stock	30	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1063
Newfield Multi	30	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1158
Northgate Blend	45	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Nutcombe Multi Stock	31	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1218
Oakington Buff	57	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤17	612	1335
Oakwood Multi	45	W	Denton	T2	R1	F2	S2	≥40	12	400	860
Oast Russet Sovereign Stock	38	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Oatmeal Blend	58	W	Sandown	T2	R1	F2	S2	≥40	≤10	400	793
Old Eccleston Blend	46	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Old Weatherfield Blend 73mm	46	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840
Olde Alton Yellow Multi	62	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤17	528	1302
Olde Chelford Red Multi	31	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤13	528	1316
Olde Cheshire Red Multi	31	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1310
Olde County Blend	31	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1230
Olde Cranleigh Multi	31	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1231
Olde Ely Cream	70	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1451
Olde Essex Red Multi	31	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1326
Olde Farndale Multi	32	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤14	680	1654
Olde Henfield Multi	32	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1143
Olde Horsham	32	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1176
Olde Ivory	70	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤8	528	1330
Olde Wealden Multi	32	S	Warnham	T1	R1	F2	S2	≥12	≤15	500	1221
Olde Welwyn Red Multi	32	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1311

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				MEAN	RANGE	EN 771-1	EN 771-1	EN 771-1	EN 771-1		
Olde Woodford Red Multi	32	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤13	528	1317
Orange Gilt Stock	52	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1132
Orange Multi Gilt Stock	52	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1142
Pagus Brown/Black	74	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤15	652	1500
Pagus Grey	81	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤19	652	1392
Pagus Grey/Black	82	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1392
Pagus Red	33	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤15	652	1500
Pampas	33	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Pastorale Multi	33	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1305
Peak Bordeaux Blend	46	W	Denton	T1	R1	F2	S2	≥40	≤12	400	860
Peak Madeira Blend	58	W	Sandown	T2	R1	F2	S2	≥45	≤10	400	816
Peak Mixed Red	46	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Pearl Grey	82	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤8	528	1330
Pelham Antique	33	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Pembridge Red	46	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	876
Platinum White	84	W	Hull/Purfleet	T2	R2	F2	S2	≥94	≤6	504	1209
Pure White	84	S	Hull/Purfleet	T2	R1	F2	S2	≥35	≤8	640	1596
Quartz Grey	82	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤8	528	1342
Reclaimed Shire Sovereign Stock	38	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Red Gilt Stock	33	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1128
Redbridge	75	W	Hull/Purfleet	T1	R1	F2	S2	≥44	≤6	504	1235
Renaissance Multi	33	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1304
Retro Barn Stock	34	S	Hull/Purfleet	TM	RM	F2	S2	≥10	≤13	600	1342
Retro Cottage Stock	34	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤14	600	1463
Retro Gault Stock	70	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤19	600	1349
Retro London Stock	63	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤19	600	1305
Retro Mayfair Stock	63	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤19	600	1305
Retro Tiffany Stock	57	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤19	600	1337
Roman Black Waterstruck	96	Wa	Hull/Purfleet	TM	RM	F2	S2	≥30	≤8	165	754
Roman Blue	96	S	Hull/Purfleet	TM	RM	F2	S2	≥25	≤15	250	772
Roman Claret	96	S	Hull/Purfleet	TM	RM	F2	S2	≥25	≤15	250	772
Roman Grey Waterstruck	96	Wa	Hull/Purfleet	TM	RM	F2	S2	≥30	≤15	165	792
Roman Orange Multi	96	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤20	250	772
Roman Red Waterstruck	96	Wa	Hull/Purfleet	TM	RM	F2	S2	≥30	≤8	165	754
Roman Yellow	96	S	Hull/Purfleet	TM	RM	F2	S2	≥15	≤20	250	772
Rothsay Blend	59	W	Denton	T2	R1	F2	S2	≥50	≤10	400	860
Royston Mixed Red	38	Wa	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1254
Rudgwick Multi Stock	34	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1229
Runswick Red Multi	34	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1211
Russet 73mm	46	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840
Sahara Buff	59	W	Denton	T2	R1	F2	S2	≥50	≤10	400	860

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				MEAN	RANGE						
Sandalwood Yellow Multi	66	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	969
Sandblasted Buff 73mm	59	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840
Sandhurst	63	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	652	1411
Sandown Red	47	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	882
Sandwell Red Multi	47	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	883
Sheerwater Silver Yellow Stock	63	S	Hull/Purfleet	T2	R1	F2	S2	≥30	≤20	640	1407
Shiraz	34	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1329
Silver Grey	82	S	Hull/Purfleet	T1	R1	F2	S2	≥20	≤8	528	1330
Smeed Dean Aldwych Yellow Rustica	63	S	Smeed Dean	TM	RM	F2	S2	≥7	≤24	400	827
Smeed Dean Bermondsey Yellow Rustica	64	S	Smeed Dean	TM	RM	F2	S2	≥15	≤22	400	788
Smeed Dean Docklands Yellow Multi	64	S	Smeed Dean	T1	R1	F2	S2	≥15	≤22	500	948
Smeed Dean Greenwich Yellow Multi Rustica	64	S	Smeed Dean	TM	RM	F2	S2	≥15	≤22	400	820
Smeed Dean Islington Yellow Rustica	64	S	Smeed Dean	TM	RM	F2	S2	≥15	≤22	400	818
Smeed Dean London Stock	64	S	Smeed Dean	T1	R1	F2	S2	≥15	≤22	500	945
Smoked Orange Multi Gilt Stock	53	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1113
Smoked Russet Sovereign Stock	39	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	430	1024
Smoked Yellow Multi Gilt Stock	64	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1120
Springfield Yellow	65	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤19	680	1489
St Albans Orange Multi Stock	53	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	640	1613
St Ives Cream Rustica	70	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤16	600	1354
St Johns Red Handmade	34	H	Hull	T2	R1	F2	S2	≥25	≤12	450	1235
Staffordshire Blue Dragfaced	72	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>†</sup>	400	1044
Staffordshire Brown Dragfaced	75	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	937
Staffordshire Cream Dragfaced	71	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	902
Staffordshire Golden Dragfaced	59	W	Kingsbury	T2	R1	F2	S2	≥45	≤10	400	881
Staffordshire Red Dragfaced	47	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	1023
Staffordshire Smooth Blue	73	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>†</sup>	400	1002
Staffordshire Smooth Brown	75	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	851
Staffordshire Smooth Cream	71	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	908
Staffordshire Smooth Crimson	47	W	Kingsbury	T2	R1	F2	S2	≥50	≤10	400	946
Staffordshire Smooth Golden	59	W	Kingsbury	T2	R1	F2	S2	≥45	≤10	400	864
Staffordshire Smooth Red	47	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	880
Stamford Weathered Buff	57	S	Hull/Purfleet	T2	R1	F2	S2	≥30	≤20	640	1407
Sunset Red Multi	48	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	837
Super White	84	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤12	528	1285
Sussex Light	74	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Swarland Autumn Brown Sandfaced	76	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Swarland Black	79	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Swarland Dark Brown	76	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Swarland Golden Thatch	59	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860

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	PAGE	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
				MEAN	RANGE	EN 771-1	EN 771-1	EN 771-1	EN 771-1		
Swarland Pink	48	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Swarland Purple Sandfaced	48	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Swarland Red Sandfaced	48	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Tabasco Red Multi	48	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	865
Tawny Buff	60	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	1013
Telford Brindle	73	W	Kingsbury	T2	R1	F2	S2	≥75	≤7 <sup>1</sup>	400	981
Terre Blanche	84	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1109
Terre Brune	76	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1254
Terre de Corail	54	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1226
Terre Doree	66	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1210
Terre Grise	83	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1109
Terre Noire	79	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1254
Terre Rouge	48	W	Hull/Purfleet	T1	R1	F2	S2	≥25	≤10	560	1254
Tiffany Purple	36	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤8	528	1363
Titan Grey	82	S	Hull/Purfleet	T1	R1	F2	S2	≥10	≤10	528	1316
Titanium Grey	83	W	Hull/Purfleet	T2	R2	F2	S2	≥94	≤6	504	1160
Titian	49	W	Sandown	T2	R1	F2	S2	≥40	≤10	400	831
Tobago Red	49	W	Sandown	T2	R1	F2	S2	≥60	≤10	400	848
Trinity Cream Gilt Stock	70	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1121
Trinity Cream Multi Gilt Stock	70	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1139
Tudor Gravita Red Multi	36	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	546	1566
Tuscan Red Multi	49	W	Hartlebury	T2	R1	F2	S2	≥35	≤15	430	871
Warm Golden Buff	60	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	950
Warnham Red Stock	36	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1232
Warnham Terracotta Stock	53	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1189
Welham Antique	36	S	Hull/Purfleet	T1	R1	F2	S2	≥25	≤14	612	1389
Westcliffe Red Multi	39	Wa	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	528	1254
Westerton Orange Multi	53	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1160
Whitby Red Multi Rustica	36	S	Hull/Purfleet	TM	RM	F2	S2	≥12	≤16	600	1354
Whitchurch Orange Rustica	54	S	Hull/Purfleet	TM	RM	F2	S2	≥10	≤13	600	1354
Willowed Buff Multi	60	W	Waresley	T2	R1	F2	S2	≥25	≤24	500	1006
Winchester Multi Stock	54	S	Warnham	T2	R1	F2	S2	≥12	≤15	500	1213
Windmill Golden Multi	66	W	Denton	T2	R1	F2	S2	≥50	≤10	400	860
Windmill Orange Multi	55	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Witton Multi Stock	54	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1220
Woodbridge Claret Stock	36	S	Hull/Purfleet	T2	R1	F2	S2	≥20	≤15	640	1613
Woodland Mixture	49	W	Denton	T2	R1	F2	S2	≥40	≤12	400	860
Woodstock Buff	57	S	Hull/Purfleet	T2	R1	F2	S2	≥30	≤20	640	1407
Yellow Gilt Stock	65	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1136
Yellow Multi Gilt Stock	65	S	Waresley	T2	R1	F2	S2	≥21	≤24	500	1105

\*Please contact us for details

Engineering Bricks

	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm²)	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE						
Baggeridge Blue Engineer - 65mm Perf.	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	1018
Baggeridge Blue Engineer - 65mm Solid	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	1313
Baggeridge Blue Engineer - 73mm Perf.	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	368	1040
Baggeridge Blue Engineer - 73mm Solid	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	368	1348
Class A Blue Engineer Solid - 65mm Solid	W	Kingsbury	T2	R1	F2	S2	≥125	≤4.5	400	1354
Red Class B - 65mm Perf.	W	Denton	T2	R1	F2	S2	≥75	≤7	400	860
Red Class B - 73mm Perf.	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	997
Red Class B - 65mm Perf.	W	Sandown	T2	R1	F2	S2	≥75	≤7	400	896
Sandown Red Class B Solid	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	1280
Red Class B - 73mm Perf.	W	Denton	T2	R1	F2	S2	≥75	≤7	368	910
Staffordshire Smooth Blue - 65mm Perf.	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	400	1018
Staffordshire Smooth Blue - 73mm Solid	W	Kingsbury	T2	R1	F2	S2	≥75	≤7	368	1348
Red Class B - 65mm Perf.	W	Ewhurst	T2	R1	F2	S2	≥75	≤7	400	923
Red Class B - 65mm Solid	W	Ewhurst	T2	R1	F2	S2	≥75	≤7	640	1800
Red Class B - 65mm Perf.	W	Kortemark	T2	R1	F2	S2	≥75	≤7	620	1600

	PAGE	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm²)	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
				MEAN	RANGE	EN 771-1	EN 771-1	EN 771-1	EN 771-1		

Imperials - 73mm

Arley Red Rustic	40	W	Hartlebury	T2	R1	F1	S2	≥28	≤20	385	881
Ashington Red Multi	22	S	Todhills	T1	R1	F2	S2	≥20	≤14	500	1200
Autumn Russet Sovereign Stock	37	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	385	1023
Heartland Brown Multi	75	Wa	Todhills	T1	R1	F2	S2	≥20	≤14	500	1250
Heartland Light Multi	37	Wa	Todhills	T1	R1	F2	S2	≥20	≤14	445	1237
Mulcol	45	W	Denton	T2	R1	F2	S2	≥ 40	≤ 12	368	910
Oakwood Multi	46	W	Denton	T2	R1	F2	S2	≥ 40	≤ 12	340/368	840/910
Oast Russet Sovereign Stock	38	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	385	1023
Old Weatherfield Blend	46	W	Denton	T2	R1	F2	S2	≥ 40	≤ 12	340	840
Reclaimed Shire Stock	38	Wa	Hartlebury	T1	R1	F2	S2	≥ 21	≤ 21	385	1023
Russet	46	W	Denton	T2	R1	F2	S2	≥ 40	≤ 12	340	840
Sandblasted Buff	59	W	Denton	T2	R1	F2	S2	≥ 40	≤ 12	340	840
Smoked Russet Sovereign Stock	39	Wa	Hartlebury	T1	R1	F2	S2	≥21	≤21	385	1023
Swarland Autumn Brown Sandfaced	76	W	Denton	T2	R1	F2	S2	≥40	≤12	340/368	840/910
Swarland Black	79	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840
Swarland Dark Brown	76	W	Denton	T2	R1	F2	S2	≥40	≤12	368	910
Swarland Golden Thatch	59	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840
Swarland Pink	48	W	Denton	T2	R1	F2	S2	≥40	≤12	368	910
Swarland Purple Sandfaced	48	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840
Swarland Red Sandfaced	48	W	Denton	T2	R1	F2	S2	≥40	≤12	340	840

S = Stock    Wa = Waterstruck    W = Wirecut    H = Handmade

† = Tested to. Water absorption to EN772-7



	TYPE	LOCATION	SIZE TOLERANCE		DURABILITY	ACTIVE SOLUBLE SALTS	COMPRESSIVE STRENGTH (N/mm <sup>2</sup> )	WATER ABSORPTION (%)	PACK QUANTITY	TYPICAL PACK WEIGHT kg
			MEAN	RANGE	EN 771-1	EN 771-1	EN 771-1	EN 772-7		

### Imperials - 68mm

Smeed Dean Islington Yellow Rustica	64	S	Smeed Dean	TM	RM	F2	S2	≥15	≤22	400	944
Smeed Dean London Stock	64	S	Smeed Dean	T1	R1	F2	S2	≥15	≤22	400	944

### Imperials - 50mm

Argenti White Sanded	84	W	Hull/Purfleet	T2	R2	F2	S2	≥ 20	≤ 6	400	786
Avenue Smooth Black	78	W	Hull/Purfleet	T2	R2	F2	S2	≥ 50	≤ 7	400	786
Avenue Smooth Grey	83	W	Hull/Purfleet	T2	R2	F2	S2	≥ 50	≤ 6	400	786
Avenue Smooth Orange	54	W	Hull/Purfleet	T2	R2	F2	S2	≥ 50	≤ 8	400	786
Bemmel Blue Stock	72	S	Hull/Purfleet	T2	R1	F2	S2	≥ 25	≤ 15	800	1467
Bemmel Blue Waterstruck	72	Wa	Hull/Purfleet	T1	RM	F2	S2	≥ 25	≤ 15	800	1467
Bronsgroen	69	S	Hull/Purfleet	T2	R1	F2	S2	≥ 15	≤ 15	384	690
Con Mosso	69	S	Hull/Purfleet	T2	R1	F2	S2	≥ 25	≤ 15	384	690
Elizabethan Light Bronze Multi	56	S	Hull/Purfleet	T2	R1	F2	S2	≥ 20	≤ 15	372	675
Flashed Black	79	W	Hull/Purfleet	T2	R2	F2	S2	≥ 50	≤ 6	400	786
Flashed Red	44	W	Hull/Purfleet	T1	R1	F2	S2	≥ 40	≤ 14	400	786
Forum Brown	74	S	Hull/Purfleet	T1	R1	F2	S2	≥ 12	≤ 15	648	1274
Forum Charcoal	80	S	Hull/Purfleet	T1	R1	F2	S2	≥ 12	≤ 15	648	1241
Forum Chrome	80	S	Hull/Purfleet	T1	R1	F2	S2	≥ 25	≤ 10	648	1373
Forum Grey	80	S	Hull/Purfleet	T1	R1	F2	S2	≥ 25	≤ 10	648	1339
Forum White	84	S	Hull/Purfleet	T1	R1	F2	S2	≥ 25	≤ 10	648	1339
Georgian Dark Bronze Multi	56	S	Hull/Purfleet	T2	R1	F2	S2	≥ 25	≤ 15	384	690
Graphite Black	78	S	Hull/Purfleet	T1	R1	F2	S2	≥ 7	≤ 9	648	1268
Kassandra Multi	28	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	648	1256
Marziale	69	S	Hull/Purfleet	T2	R1	F2	S2	≥ 20	≤ 15	384	690
Mozart Blend	30	S	Hull/Purfleet	T1	R1	F2	S2	≥ 15	≤ 15	856	1530
Olde Cheshire Red Multi	31	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	648	1250
Olde Ivory	70	S	Hull/Purfleet	T1	R1	F2	S2	≥ 25	≤ 8	648	1249
Pastorale Multi	33	S	Hull/Purfleet	T1	R1	F2	S2	≥12	≤15	648	1193
Pearl Grey	82	S	Hull/Purfleet	T1	R1	F2	S2	≥ 25	≤ 8	648	1247
Quartz Grey	82	S	Hull/Purfleet	T1	R1	F2	S2	≥ 25	≤ 8	648	1257
Smeed Dean London Stock	64	S	Smeed Dean	T1	R1	F2	S2	≥15	≤22	600	942
Silver Grey	82	S	Hull/Purfleet	T1	R1	F2	S2	≥ 20	≤ 8	648	1249
Super White	84	S	Hull/Purfleet	T1	R1	F2	S2	≥ 25	≤ 12	648	1214
Titan Grey	82	S	Hull/Purfleet	T1	R1	F2	S2	≥ 10	≤ 10	648	1233
Tudor Gravita Red Multi	36	S	Hull/Purfleet	T1	R1	F2	S2	≥ 20	≤ 15	384	690



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