

# Gardens Drives











### New additions for this year









#### Before you start pages 9-15

- Choose your look Think about colours, styles and textures
- Set your budget Understanding costs
- Installation DIY or paving contractor?
- 10 Introducing Brett Approved Installers (BAIs) Quality workmanship quaranteed
- 12 Installer of the Year 2015 The best of the best this year
- 14 BAI projects Examples of excellent projects from scheme members

#### Natural Stone pages 16-41

18 Elite Stone

Flamed, Textured, Polished and Tumbled natural stone,

- 26 Style Stone Granite, Limestone, Slate and Quartzite
- **34 Creative Stone** Sandstone
- 38 Smart Stone Limestone, Sandstone

# Beta Silver Haze and Charcoal (mixed)



#### Garden Paving pages 42-63

44 Porcelain

Premium Italian porcelain paving in single size packs

46 Varano

Premium flag paving in single size packs

Premium flag paving in single size packs

50 Bronte

Single Size Paving Packs, Patio Pack, Stepping Stones, Circles and Corner Kit

- 52 Rochester Brick Single Size Paving Packs
- 54 Canterbury Patio Packs
- 56 Chaucer Single Size Paving Packs
- 62 Economy paving Quorndon, Stamford and Broadway Economy



### Drives pages 64-85

- 66 **Lugano** Paving
- 68 **Aura**Paving, Circles and Kerbs
- 70 Alpha Antique Paving, Circles and Kerbs
- 72 TRIO products
  Alpha and Beta TRIO
- 74 **Beta**Paving and Circles
- 76 **Regatta**DUO, TRIO and Circles
- 78 **Delta**Paving
- 80 **Omega** Paving
- 82 **Permeable paving**Alpha Flow and Omega Flow



### Finishing touches pages 58-61 & 86-89

- 58 **Garden Walling**A beautiful selection of Garden Walling to complement our paving ranges.
- 60 **Gravel, Chippings, Pebbles and Cobbles**Add a splash of colour and texture to your garden with these beautiful natural aggregates
- 86 **Kerbs**Choose from a range of complementary
  Kerbs to help finish your garden or drive
  around the edges
- 88 **Garden Edging**Choose from an array of different styles and colour to finish your garden around the edges

### Product information pages 90-115

- 92 Understanding paving colours
- 94 **Natural Stone**
- 96 Garden Paving and Edgings
- 99 **Decorative Aggregates**
- 99 Accessories
- 100 **Driveways**
- 105 Kerbs

#### DIY guides

- 108 How to lay a patio
- 110 How to lay block paving

### Sustainable and responsible

- 112 Sustainable products
- 113 Responsible sourcing
- 114 Brett and the community
- 115 Additional information







Deciding to get your garden or driveway landscaped can add great value to your home – as well as giving you far more usable space.

However, it can also represent a significant financial investment for you so you will want to get it right first time.

We hope that this brochure will help guide your thoughts and help you to arrive at the right decision for you.











### Choose your look

This brochure is designed to help you get the most from your garden and to create a space that looks and functions in exactly the way you want it to.

You may already be thinking about colours, styles and textures, or you may have a completely open mind. Either way, there's plenty of information and advice available from this brochure, garden shows, lifestyle magazines or just browsing the web for ideas.

Being advised and informed is just as crucial as inspiration. Costs, timing, use of materials and other practical considerations will have a big part to play in your decisions - but you don't have to make them alone!

There's a great deal of practical advice in this brochure, but there's even more in the heads of your local builders merchant and installers and there's no better expert than a Brett Approved Installer (BAI).

You'll find out more about these people as you browse through this brochure – or by visiting www.brettpaving.co.uk

### Set your budget

Did you know that installation costs typically account for 80% of the landscaping budget?

It therefore pays to stick to what you really want, as using a premium product will only marginally increase your total project outlay.

So, getting the perfect look and feel won't cost you much more - but will keep a smile on your face for longer!

While you're looking at your costs, don't forget that by enhancing your outdoor areas you will also be adding additional living space as well as extra long-term value to your home.

#### Before you decide

### Installation

DIY or paving contractor?

If you know what you're doing, have the time and are keen to go it alone, there's a wealth of installation information available on pages 108-111. There's still more at www.brettpaving.co.uk

If you do go down the DIY route don't forget to allow for extras like fencing, plants, furniture or any other unexpected costs within your project.

The other approach is to find an installer you are comfortable with and who understands what you want. Then agree a fixed budget with them for the work you want doing.

This simple step lets your installer know exactly what they are doing and ensures there are no unpleasant surprises for either of you – allowing you to relax and enjoy watching your project taking shape.





### The Brett Approved Installers scheme is designed to provide you with that extra peace of mind at all stages of your landscaping contract.

Firstly, you can make an instant website check to ensure your Approved Installer is who he says he is using www.brettpaving.co.uk. Thereafter, your Approved Installer can provide the 'Setting Paving Installation Standards' document It's a great guide to explaining how to measure the quality of a paving contractor when he comes to quote for your project.

#### 5-Year Installation Guarantee from your BAI

If you choose to work with a BAI you will automatically get a '5-year Installation Guarantee' direct from the Approved Installer on completion of the project.

Your Approved Installer will also register your installation and product details directly onto our website along with your email address

#### 10-Year Product Guarantee from Brett

Once your BAI has submitted this information, we will automatically send you a personalised email with log-in details to access our website

Here you verify the Brett products installed, privately rate the service you've received from your Brett Approved Installer and download your '10-Year Product Guarantee' direct from Brett Landscaping for the Brett products installed on your site.

You will also be able to download an 'Essential Maintenance Guide' that gives you helpful tips on how to best look after your new installation to keep it looking great for many years to come

Don't worry if you don't have an email address; the BAI Team will contact you directly to manually verify the details and send you the respective paperwork.

With all of these great benefits available, if you're not going to undertake your project yourself, why wouldn't you choose a Brett Approved Installer?



# Winner: Large patio of the year After: Smart Limestone & Alpha Silver Haze by Leicester Drives & Gardens

#### Judges comment:

From overgrown mass to a slick traditional and yet contemporary design that fits the property completely.



The project award winners in 2015 judged by independent industry specialists - all perfectly demonstrate the flexibility, imagination and capability our Approved Installer members bring to every project whatever the shape, scope or size.







#### Judges comment:

After: Alpha Brindle

by Bowen Paving

Creative use of circles and demarcation transforms a basic driveway into something special.

Winner: Large driveway of the year





#### Judges comment:

A new build with so many challenges to overcome. Slope details and drainage plans all combine in perfect harmony.



#### National Installer of the Year Winner:

• Woods Paving Ltd

#### **Project Award Winners:**

- · Contractors Choice Patio R & J Mole
- · Contractors Choice Driveway Bowen Paving
- · Large Driveway Bowen Paving
- Small Driveway Paramount Paving
- Large Patio Leicester Drives & Gardens
- · Small Patio Muddy Boots
- · Best Portfolio Paramount Paving

#### Other Contractor Performance Award Winners:

- Regional Installers Propave and Leicester Drives & Gardens
- Newcomer of the Year NH Home Improvements Ltd
- Customer Excellence Mason & Turner Ltd

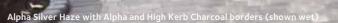


of quotation.

of the Year winner.

Here are some examples from our current Approved Installer of the Year, and our 2015 Portfolio

iPad with the contractor at the time



Style Quartzite Burnt Glow













The images on these pages are from two of our award winners in 2015. However, the scheme isn't just about winners – it's about delivering consistently high levels of quality and service to the home owner.

Most of the images in this brochure are from BAIs. Many haven't won an award, but all are of the same high standard. Every BAI member is regularly assessed to ensure an exceptional level of workmanship providing you with a great reason to choose a BAI for your project.





#### Elite range

Beautiful and elegantly enhanced
Indian stone

Flamed	.18
Textured	.20
Polished	
Tumbled	24

#### Style range

Beautiful stones from around the world

Granite	.26
Limestone	.28
Slate	.30
Quartzite	32

#### Creative range

Classic Indian Sandstones

Fossil	Mint, Forest Glen	
and N	Mountain Mist	34
Moda	ak, Sunrise	
and R	aveena	36

#### Smart range

Quality Sandstone and Limestone for the tighter budget

Limestone.	.38
Sandstone	.40



### Gently riven texture with sawn edge detail for a unique finish













# Gently textured surfaces for amazing aesthetics

Additional processing to the product range helps create gently textured surfaces for amazing aesthetics in this premium natural stone portfolio.

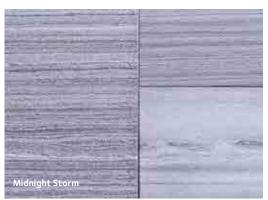
The Elite Textured Stone selection from Brett Landscaping incorporates Sandstone and Quartzite within the range to give you a unique palette to personalise your outdoor space.

- Mixed sized paving patio packs
- → See page 94 for all product information









Rustic Pearl

#### Elite Polished

### Sleek finish adding class and perfection

Elite Polished Sandstone makes a majestic entrance to any garden with the smooth, sleek edge finish adding a touch of class and perfection to this range of premium sandstone paving.

- ✓ Mixed sized paving patio packs
- ✓ Planks
- → See page 94 for all product information















# Create a classic appearance - in an instant

The Elite Tumbled Sandstone paving range delivers an instant aged feel to add warmth and character to your garden.

Create more interest to your design with matching Circles and Setts to provide the perfect outdoor entertaining space.

- ✓ Mixed sized paving patio pack
- ✓ Circles with corner
- ✓ Mixed sized sett packs
- → See page 94 for all product information









#### Style Granite

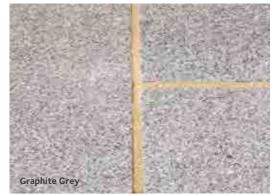
# Lightly textured surfaces in cool, contemporary colours

With its neat edges and consistent prey tones, Granite paving delivers refined look with the flamed finish giving a subtly rippled surface.

- Mixed sized paving patio packs
- ✓ Plank
- ✓ Single size cropped setts (Silver Grey only)
- See page 94 for all product information











### Suits both traditional and contemporary settings









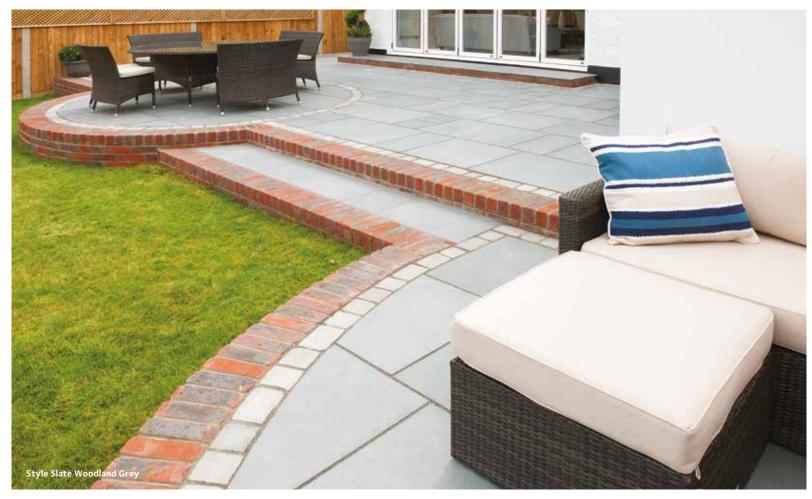


#### Creates characterful riven surfaces

High quality Brazilian Slate is carefully hand selected from the quarry for their natural beauty.

Style Slate creates characterful riven surfaces and is available in Olive Black or Woodland Grey and offers a modern, contemporary look with its naturally occurring tones.

- Mixed sized paving pation packs
- ✓ Circles with corners
- → See page 94 for all produc information









#### Contemporary quartizite paving helps add drama

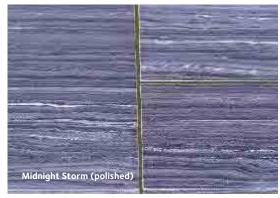
The high quartz content of this natural stone creates a unique appearance whilst the hardness of the stone ensures that its good looks will last for many years to come.

Midnight Storm comes with a smooth polished surface for sharp modern designs, whilst Burnt Glow has a gently riven surface for a more traditional finish.

- ✓ Mixed sized paving patio pack
- → See page 94 for all product information

Style Quartzite Burnt Glow

Try mixing our Polished Midnight Storm with our Textured Midnight Storm from our Elite range for a dramatic look







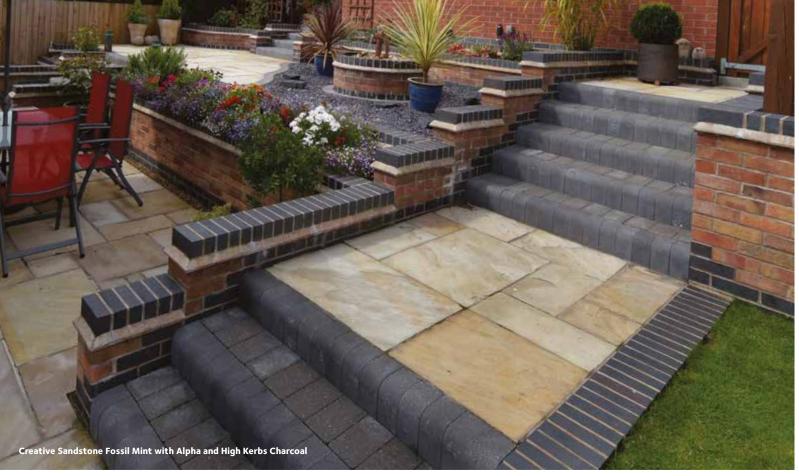
# Every piece of hand crafted Indian Sandstone is unique

Our calibrated Creative Sandstone paving is accurately sawn to an even thickness to enable quick and easy installation.

All of these natural colours vary from piece to piece and pack to pack giving your patio a unique look and feel

For a brief overview of colours available within the Creative Sandstone range see pages 36-37

- ✓ Single sized pack
- Two mixed sized paving pation packs
- ✓ Circles with corners











## A rich palette of beautiful texture and colour

From the warm, robust autumnal colours of Modak, Sunrise and Raveena, shown on this page, through to the cooler and more delicate tones of Fossil Mint, Forest Glen and Mountain Mist (shown on pages 34 and 35).

Our Creative Sandstone portfolio offers a wide variety or rich, characterful colours to suit every sensibility and garden type.

Find out more about natural stone colours on page 93.

→ See page 95 for all produc information









www.brettpaving.co.uk Natural Stone 37



### Limestone for sophistication and character











### Flag paving

Porceiain <b>NE VV</b>	.44
Varano	.46
Lugano	.48
Bronte	.50
Rochester Brick	.52
Canterbury	.54
Chaucer	.56
Garden Walling	.58
Decorative Aggregates	.60

### Economy paving

Quorndon62
Stamford63
Broadway Economy63



### Porcelain

### Beautiful, sophisticated porcelain paving

Premium quality Italian porcelain paving is available in a range of carefully selected finishes guaranteed to bring the highest evels of elegance and sophistication, not to mention durability and ease of maintenance, to your garden

Available in 20mm thickness, a range of stone and timber effect colours and two plan sizes for optimal design choice and flexibility.

- ✓ Single size packs
- → See page 96 for all product information





Porcelain Paving Night Sky

**Autumn Dawn** 











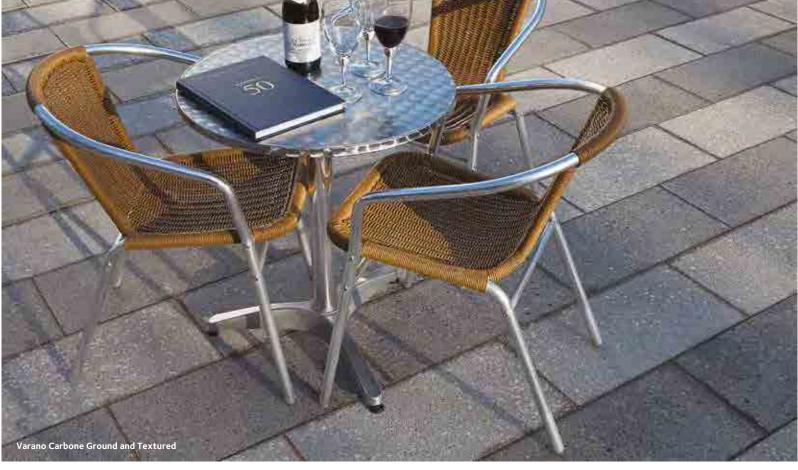
### Modular flag paving with a premium textured or ground finish

Brett Varano is a distinctive range of baving offering homeowners a fresh and contemporary aesthetic.

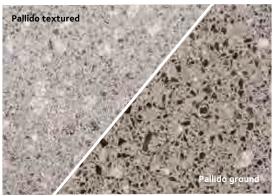
The unique premium textured or ground finishes create exciting textural combinations which give your garden crisp, geometric lines.

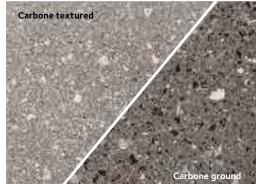
This can be further enhanced by using our striped option which combines ground and textured finish on the same flag, creating a unique, premium look for your patio.

- ✓ Single size pack
- ✓ Ground or textured finish
- ✓ Bespoke striped option available (made to order)
- See page 96 for all product information









www.brettpaving.co.uk Garden paving 47



# Textured granite aggregate flag paving with high recycled content

Available in both flag and block options, Lugano creates extra visual lexibility for the home designer.

The durable, textured surface is slip resistant, looks great and offers cool, contemporary granite-look paving.

It's sustainable too, with in excess of 45% non-primary materials used in its manufacture, making it kind to the environment as well as beautiful for your home.

- ✓ Single size pack
- ✓ Complementary block paving, see page 66
- → See page 96 for all product information







www.brettpaving.co.uk



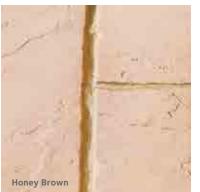
### Bront

### A riven surface with natural colour tones

A riven surface with natural colour tones allows the Bronte paving range to blend well with most surroundings, adding character and texture to your outdoor spaces.

- ✓ Single size pavino
- ✓ Mixed size patio paving pack
- ✓ Full and Half Circle
- ✓ Circle Corner Ki
- ✓ Garden Walling and Coping
- ✓ Stepping Stone
- → See page 97 for all product information



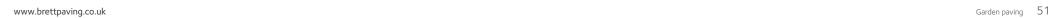














### Reproducing the warmth and character of original brick paving

Rochester Brick makes an ideal partner for use with other flag paving either interspersed or as an edging





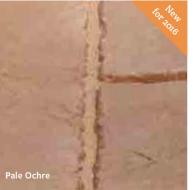
### Canterbury

## Warm and natural, riven flag paving

With its freshly quarried riven surface and dressed edges, this collection of sympathetic regional stone colours gives Canterbury a timeless appearance at an affordable price wherever you are.

- Mixed size patio pack
- → See page 97 for all product information

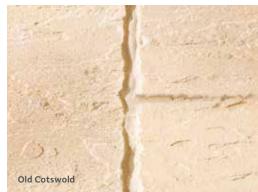




Canterbury Pale Ochre







www.brettpaving.co.uk Garden paving 55





### Chaucer

A delicate texture that works well with narrow joints to give crisp, geometric lines

The finely textured surface of Chaucer paving provides an attractive and practical patio.

For a fresh contemporary feel, lay Chaucer narrow jointed to achieve a more defined finish.

- Single size pavin
- → See page 96 for all product information







www.brettpaving.co.uk Garden paving 57



### Garden Walling

### Garden Walling



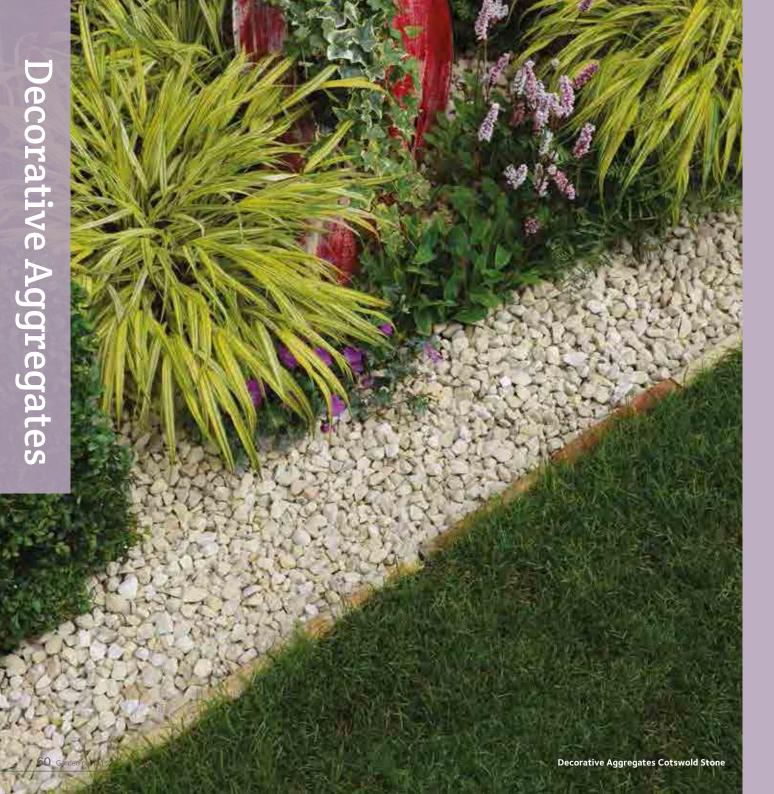












A range of attractive aggregates that provide easy options for driveways, patios, paths or even border decoration.

### Key considerations

- → Where are your aggregates going to be used – driveway, garden, external settings or for internal displays?
- → Is the area to be trafficked or not?
- → What style of landscaping is required subtle or striking?
- → What size of area is to be covered?
- → Is a weed suppressant membrane required beneath the aggregates if externally used?
- If used in a water feature does it need to be fish friendly?

### Garden and Driveway Aggregates

All decorative aggregates are available in maxi bags and bulk bags. For a handy aggregate usage calculator tool, visit www.brettpaving.co.uk or use the QR code below to see how many bags you require.



Pictures show dry top left and wet bottom right. The most widely used aggregates are illustrated here. Please enquire if you require products not shown.



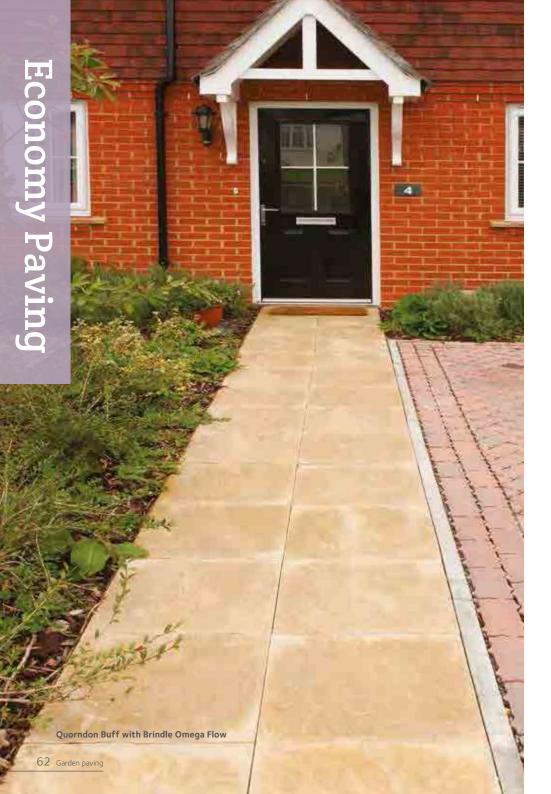
Suitable for use in garden ponds (wash thoroughly before use)



Product	Grade	Coverage kg/m <sup>2</sup>
Natural Slate	40	62.5
Plum Slate	40	62.5
Green Slate	40	62.5
Red Granite	14	75
Green Granite	14	75
Pearl Spar	11	70

Grade	Coverage kg/m <sup>2</sup>
20	75
11	60
20	70
40	55
10	70
	20 11 20 40

www.brettpaving.co.uk Garden paving



## This range of Brett garden paving products has been specifically developed to suit projects where budgets are a concern.

They all offer great durability but at a lower price point than our other flag paving products but still come with all the security of buying Brett products for your project.

If aesthetics are key to your requirements, we would advise you to consider the extensive range of Brett products outside the Economy paving range because these products are more prone to variations in colour and face finish.

### Quorndon

This hardwearing paving flag with its gently riven surface and colour variations is ideal for utility paving areas. Available in four sizes, Quorndon is also a firm favourite with housebuillders and developers.

→ See page 98 for all product information











### Stamford

Stamford is an economy wet-cast concrete paving flag available in two sizes which has a detailed riven surface ideal for creating patios, paths and utility areas around the home.

Stamford has been designed to offer exceptional value and comes in two colours which can then be mixed to create edges or delineation within paved areas.

→ See page 98 for all product information





### **Broadway Economy**

Available in both smooth and riven options and two sizes, this functional, economical paving suits utility areas perfectly. Colours and face finishes may vary.

→ See page 98 for all product information













www.brettpaving.co.uk Garden paving





### Block Paving

Aura	68
Alpha Antique	70
Alpha and Beta TRIO	72
Beta	74
Regatta DUO and TRIO	76
Delta	78
Omega	80

### Permeable Paving

Alpha Flow		02
Omega Flo	w	84

### Kerbs

Kerbs		8

### Edgings

Edain	O.C.		88
Eugiii	145		



# Granite effect block paving for a stylish approach to your home







www.brettpaving.co.uk





Note: Always use permeable chippings for jointing Aura paving before applying kiln dried sand.





### The perfect courtyard cobble with a tumbled riven surface and a delicate sparkle

Tumbled cobbles with a riven surface and delicate shimmer that make a great alternative to granite setts. Create stunning curves using the Gircle Kit

- ✓ Pavinc
- ✓ Circle
- ✓ Kerl
- → See page 102 for all product information



www.brettpaving.co.uk



### Alpha Antique

### Warm, rustic tones that blend with any surrounding

With a distressed, aged look that blends well with most surroundings, it isn't surprising that Alpha Antique is one of the most popular choices. The yellow and orange tones evoke a warm rustic ambience, ideal for period properties. For more contemporary homes, the elegant greys give a sophisticated touch.

- ✓ Paving
- ✓ Circle
- ✓ Kerb
- See page 100 for product information
- Also available as a Permeable paving range, page 82
- Also available as a mixed size TRIO pack, page 72















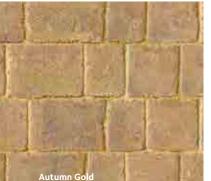
Alpha TRIO

### Rustic look paving in multi-size packs

Alpha TRIO offers a classic multi-size block paving with an aged look that blends well with almost any surroundings Each pack contains three sizes of block to maximise design flexibility and reduce the number of packs required, helping to minimise waste on smaller paving projects. Alpha TRIO is available in a choice of four colours and two

A wide range of matching products and accessories is available

- ✓ 50mm or 60mm thickness
- ✓ Matching kerb
- ✓ Circle pack
- Distinctive look and feel for your driveway
- → See page100 for all product information









Alpha & Beta TRIO



Beta TRIO

### Clean lines, flat surfaces and minimal waste

Beta TRIO paving has been designed to provide the clean lines and flat surfaces of Beta block paving in mixed size packs each containing three block sizes in a pre-determined ratio to create great looking, durable paving.

Beta TRIO is available in three colour

- the ever popular Silver Haze and,
new for 2016, Autumn Gold and
Rustic Bronze.

- ✓ 60mm thickness
- Distinctive look and feel for your driveway
- → See page 101 for all product information

Note: Beta TRIO is regionally manufactured so colour variations will occur.

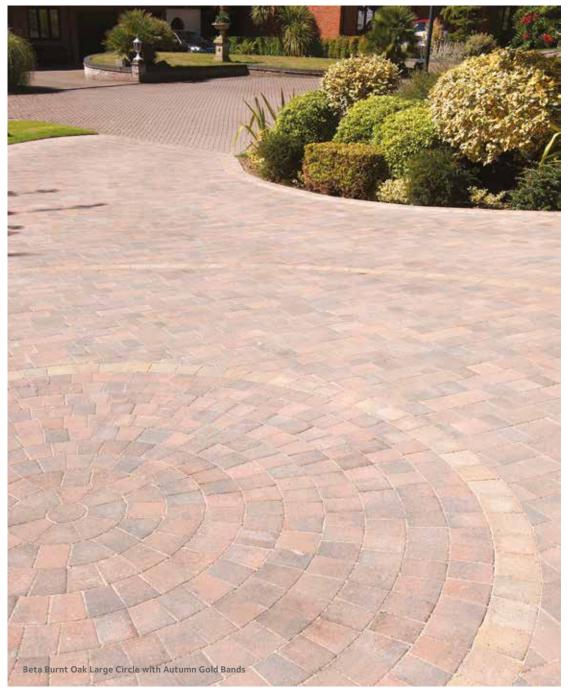






www.brettpaving.co.uk Drives 7













# Clean lines and smooth surfaces for contemporary drives





# Regatta DUO Silver Haze with Regatta TRIO Rustic Bronze Border and Charcoal Round Top Edging

# Create distinctive styles with a cobbled look

Regatta is now available in two great pack configurations to maximise ease o ordering for your driveway projects:

Regatta TRIO – combines small, medium and large blocks in the same pack.

Regatta DUO – combines large and jumper blocks in the same pack.

These two options can be used individually or combined giving the highest level of laying pattern flexibility. For pattern ideas visit the Regatta product page on brettpaving.co.uk.

- ✓ Two mixed size packs
- ✓ Circle
- ✓ Use with High or Drivestyle Kerb
- ✓ Circ
- → See page 103 for production

Note: New Regatta DUO is a pack that has Large and Jumper blocks combined in a 2:1 ratio.







www.brettpaving.co.uk Drives 77





Combining Delta with Omega is a great way to create a fresh, contemporary new look





# Large format block paving for a modern aesthetic

Designed to build on the success of the popular Omega range, Delta paving is designed around the same ratio as Omega but offers a 30% greater surface area, giving a fresh, modern aesthetic to this new range as well as making it quicker and easier to install

Delta paving is available in three of our most popular colours making it an ideal choice for use on driveway approaches to all types of home.

- ✓ Large format block pavine
- ✓ 50mm thicknes
- Can be integrated with Omega paving for edge detailing and patterns
- → See page 104 for all product information



www.brettpaving.co.uk Drives 79



# The wide range of colours offers endless design scope





















# Alpha Flow

The popularity of our Alpha Antique rustic multi sized paving, now combined with permeability benefits.

- ✓ Pavin
- ✓ Permeable Chipping
- → See page 100 for all product information









www.brettpaving.co.uk Drives 83



# Permeable paving

# Omega Flow

Watch just how Omega Flow works... scan the QR code













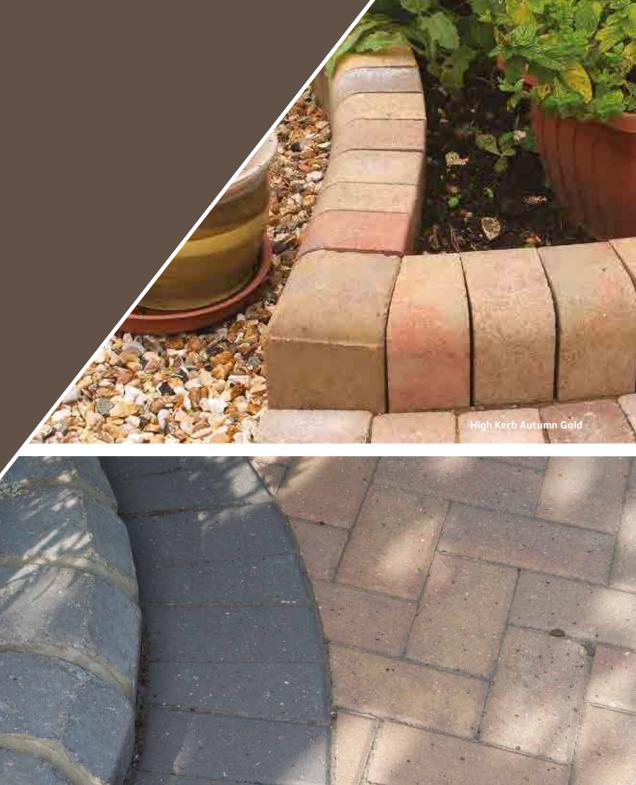


# Kerbs

In addition to our range of driveway paving products we also offer a wide range of concrete kerbs which will complement your new driveway - perfectly.

Alpha Kerb Cha<u>rcoal</u>

→ See pages 105 for all product information















# What edgings can do for you

- ✓ Create boundaries between areas
- ✓ Prevent different materials from mixing
- ✓ Provide a clean edge
- ✓ Protect plants
- ✓ Add individuality to your design
- → See page 98 for all product









# Product information

Understanding paving colours	92
Natural stone	.94
Flag paving	96
Edgings	98
Accessories	99
Decorative Aggregates	99
Block paving	.100
Kerbs	105

# Further information

How to install a patio	108
How to install a drive	110
Bustainability	112
Responsible sourcing	113
Brett and the	
community	114
Additional information	115

# Understanding paving colours

# Get your first impression through photos but always choose from actual samples.

Here is a quick overview to help understand and choose the correct colour and the different variations you may encounter. It's great to look at photography but essential to choose by seeing a few samples.



# Get samples to be colour-sure

You can quickly and easily obtain a product sample in your desired colour from either your Brett Approved Installer or your local Brett stockist. If you don't know who this would be we have a handy 'Find a Stockist' feature on our website

The sample will give you a good guide as to how your product will look once installed. However, variance in colour is still possible across our product range due to a range of different factors:

- i. All concrete products are manufactured from a mixture of sand, cement, aggregate and pigment which can give variations in colour mix shades from batch to batch and site to site.
- ii. Natural Stone products will vary in colour depending upon where it is guarried from and how the stone is processed prior to arriving

These variations are impossible to prevent but do bring character to your paving; without these variations a paved driveway or patio would look very dull and lifeless and uninteresting.

When you choose a colour from a photograph there are many factors that can change how the product looks: what time of day the photograph was actually taken; climatic conditions and the printing of the photography in brochures – can all cause variations.

# How colours can appear differently

This section is intended to explain how you should view colours when you are selecting the best one for you. Let's start by looking at two images showing the same colour (Silver Haze) at two different locations, shot at different times of day, and showing different product types.

The images illustrate how colours can differ due to climatic conditions, but also how the different manufacturing processes and finishes involved can influence appearance – for instance, Regatta TRIO has a riven surface to give a more natural aesthetic, whilst Beta has a smooth surface - all of these factors can alter the appearance of colour.

# Getting to know Brett colours

Block paving is a man made product and is available in two generic types as follows:

### Single colours

These are the easiest to get to grips with. Each single colour product uses a single pigment to colour the concrete it's made from, or, in the case of 'Natural', no pigment at all which means it can vary the most in terms of colour depending upon the aggregates used in its manufacture.

The single colour products available from Brett Landscaping are Natural, Charcoal, Buff and Red.

### **Multi-colours**

Any other colour from the Brett Landscaping concrete paving range will be a multi-coloured product, these all use more than one pigment within the manufacturing process to get the ideal colour mix. Some of our products, for example Aura, also have a sparkle in the aggregate to complement the colour blending.

These colours go randomly into multi-colours; for example, the ever popular Brindle is a mixture of red and charcoal pigments as shown below.

If we look more closely, we can see that the result of the manufacturing process is blocks that vary from one end of the spectrum through to the other. Here we can clearly see four distinct colour mixes.

Typically, each pack will include a random selection of these colour mixes. Packs can visually look quite different when they arrive on site, but once mixed together, the result is a naturally good looking, multicoloured driveway.

Because of these facts, when getting samples of a 'multi-colour' product it is imperative to get more than one block (a minimum of three is recommended for the final decision maker).

Such colour mixing has more variations when the paving block colour has three pigments randomly placed in it.

### **Natural Stone**

It is far more difficult to be exact when it comes to defining colours within any naturally occurring material because there are so many interacting elements in the multi-million year process by which the material is formed.

Broadly speaking there are three types of natural stone:

- 1 Sedimentary rocks including Sandstone and Limestone.
- 2 Igneous rocks such as Granite.
- 3 Metamorphic rocks such as Quartzite and Slate.

Igneous rocks tend to be very dense and uniform in appearance, making them ideal for applications where consistency is essential – for example to complement sharp modern designs.

In contrast, sedimentary and metamorphic rocks have far more colour variations in both colour and texture; for instance naturally occurring Iron Oxides which generally provide the red/brown colours found in a natural sedimentary stone product such as Sandstone. These minerals can create veins which run through a rock and create amazing patterns. This can be further enhanced by fossil deposits – as frequently seen within Fossil Mint – which add further interest to an area paved with natural stone.

These variations are not faults in the product but naturally occurring phenomena which give long lasting beauty to natural stone paving – a beauty that generally improves over time as the stone weathers in to its surroundings.

Across the range of Brett Natural Stone paving the other factor which can impact upon colour is the effect of processing; for example looking at the Midnight Storm Quartzite within our Elite and Style ranges the appearance is dramatically changed between a polished stone and a textured stone.

These variations can be used to create amazing designs where the differences can be used to provide dramatic highlights and contrasts within a paved area.





# **Product information**

All dimensions quoted are nominal and are for guidance only. Actual sizes of individual units will vary as will joint widths upon installation. Coverage figures below assume a nominal 10mm joint.

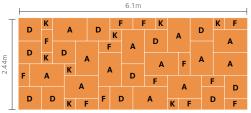
# Elite Stone

The following product data includes Flamed, Textured, Tumbled and Polished Elite Stone. These products are available as standard in the colours shown above.

### Elite Stone Patio Pack

Available in all Elite Stone types.

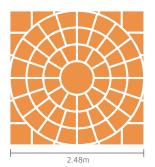
Flag type	Size (mm)	No.	Area (m²)
A	900 x 600	13	
D	600 x 600	13	15.37
F	600 x 300	13	15.37
K	300 x 300	9	



1xD and 1xK flag not used

# Circle with Corner Pack

Available in Elite Tumbled only. 6.15m<sup>2</sup> per pack.



# Other Elite Stone products

Flag type	Size (mm)	No.	Area (m²)
Polished Plank	900 x150	64	9.32
	210 x 140	160	
Tumbled Setts	140 x 140	160	11.64
	105 x 140	160	



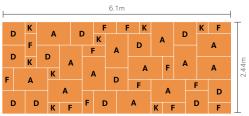
# Style Stone

The following product data includes Limestone, Granite, Quartzite and Brazilian Slate. These products are available as standard in the colours shown above.

# Style Stone Patio Pack

For Limestone, Brazilian Slate and Granite.

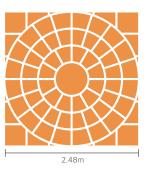
Flag type	Size (mm)	No.	Area (m²)
A	900 x 600	13	
D	600 x 600	13	- 15.37
F	600 x 300	13	
K	300 x 300	9	



1xD and 1xK flag not used

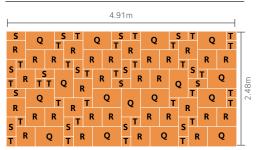
# Circle with Corner Pack

Available in Limestone and Brazilian Slate. 6.15m<sup>2</sup> per pack.



# Style Stone Quartzite (only) Patio Pack

Flag type	Size (mm)	No.	Area (m²)
Q	600 x 400	16	
R	400 x 400	32	12 17
S	400 x 200	16	12.17
T	200 x 200	32	



# Other Style Stone products

Flag type	Size (mm)	No.	Area (m²)
Granite Plank	900 x 150	64	9.32
Granite Setts	100 x 100	700	8.47



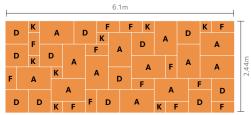
# **Creative Stone**

These products are available as standard in the colours shown above.

### Creative Stone Patio Pack

Available in all Creative Stone colours.

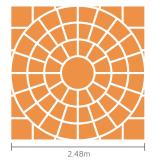
Flag type	Size (mm)	No.	Area (m²)
A	900 x 600	13	
D	600 x 600	13	15 37
F	600 x 300	13	15.37
K	300 x 300	9	



1xD and 1xK flag not used

### Circle with Corner Pack

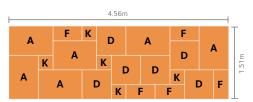
Available in all Creative Stone colours. 6.15m<sup>2</sup> per pack.



### Creative Stone Small Patio Pack

Available in all Creative Stone colours.

Flag type	Size (mm)	No.	Area (m²)
A	900 x 600	6	
D	600 x 600	6	7.18
F	600 x 300	6	
K	300 x 300	5	



1xF flag not used

# Other Creative Stone products

Available in all Creative Stone colours.

Flag type	Size (mm)	No.	Area (m²)
А	900 x 600	28	15.54
D	600 x 600	40	14.88
F	600 x 300	85	16.07



# **Smart Stone**

The following product data includes Limestone and Sandstone Smart Stone.

This product is available as standard in the colours shown above.

# Smart Stone Patio Pack

Available in all Smart Stone colours.

Flag type	Size (mm)	No.	Area (m²)
A	900 x 600	13	
D	600 x 600	13	15 37
F	600 x 300	13	15.57
K	300 x 300	9	



1xD and 1xK flag not used



Brett is committed to Ethical Trading – for more information, please see page 113 or visit www.brettpaving.co.uk

www.brettpaving.co.uk Product information 95



# **Porcelain**

This product is available as standard in the colours shown above.

Flag type	Size (mm)	No.	Area (m²)
Stone effect	1200 x 400	48	23.04
Stone effect	600 x 600	64	23.04
Timber effect	1200 x 400	48	23.04

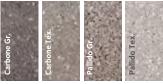
Stone effect - Autumn Dawn, Silver Moon, Night Sky Timber effect - Vintage Oak, Driftwood



# Lugano

This product is available as standard in the colours shown above.

Flag type	Size (mm)	No.	Area (m²)
	600 x 600	26	9.68
	450 x 450	56	11.85



# Varano

This product is available as standard in the colours shown above.

Flag type	Size (mm)	No.	Area (m²)
Ground	600 x 300	24	4.54
Textured	600 x 300	24	4.54
Striped	600 x 300 (made to order)	24	4.54

# Chaucer

This product is available as standard in the colours shown above.

Flag type	Size (mm)	No.	Area (m²)
	600 x 600	26	9.68
	450 x 450	56	11.85





# **Rochester Brick**

This product is available as standard in the colour shown above.

Flag type	Size (mm)	No.	Area (m²)
	450 x 450	48	10.16
	450 x 225	48	5.19



# **Bronte**

These products are available as standard in the colours shown above.

### **Bronte Patio Pack**

Flag type	Size (mm)	No.	Area (m²)
D	600 x 600	7	
E	600 x 450	8	
F	600 x 300	6	7.61
G	450 x 450	4	
K	300 x 300	8	



Bronte 5 size pack

Bronte single size packs

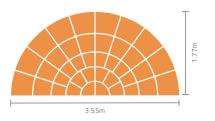
These products are available as standard in the colours shown above.

Flag type	Size (mm)	No.	Area (m²)
D	600 x 600	32	11.91
Е	600 x 450	64	17.96
F	600 x 300	64	12.10
G	450 x 450	64	13.54
K	300 x 300	64	6.15
Stepping stone	300 dia.	28	-

# **Bronte Accessories**

# **Bronte Full** Bronte Full Circle Corner kit Circle Pack 2.02m<sup>2</sup> per pack. 2.69m² per pack.

# Bronte Half Circle Pack 4.84m² per pack.



# Garden Walling

ing runge is a	un ect mate	th for Bronte colour	S.
Size (mm)	No.	Face area (m²)	Linear (m)
300x160	64	3.37	-
300x75	128	3.37	-
200x75	128	2.28	_
600x150	60	-	36.6
	Size (mm) 300x160 300x75 200x75	Size (mm)         No.           300x160         64           300x75         128           200x75         128	Size (mm)         No.         Face area (m²)           300x160         64         3.37           300x75         128         3.37           200x75         128         2.28

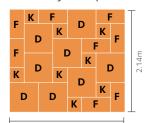
# **Canterbury**

This product is available as standard in the colours shown above.

# Canterbury Patio Pack

Flag type	Size (mm)	No.	Area (m²)
D	600 x 600	9	
F	600 x 300	8	5.63
K	300 x 300	8	

### Canterbury 3 size pack



2.45m

1xD flag not used



www.brettpaving.co.uk Product information



# Quorndon

These products are available as standard in the colours shown above.

Flag type	Size (mm)	No.	Area (m²)
	600 x 600	25	9.30
	600 x 300	25	4.73
	450 x 450	50	10.58
	300 x 300	50	4.80



# Stamford

These products are available as standard in the colours shown above.

Flag type	Size (mm)	No.	Area (m²)
	600 x 600	32	11.91
	450 x 450	64	13.54





# **Broadway Economy**

These products are available as standard in the colours shown above.

Flag type	Size (mm)	No.	Area (m²)
	600 x 600	30	11.91
	450 x 450	60	13.54

# **Edgings**

# **Rope Top Edgings**

Available in: Charcoal, Terracotta and Brindle. 580 x 50 x 150mm (h)



# Scallop Edgings

42

Available in: Buff and Natural. 600 x 50 x 150mm (h)



# Flat Top Edgings

No.

48

Available in: Charcoal and Brindle. 600 x 50 x 150mm (h)



# **Round Top Edgings**

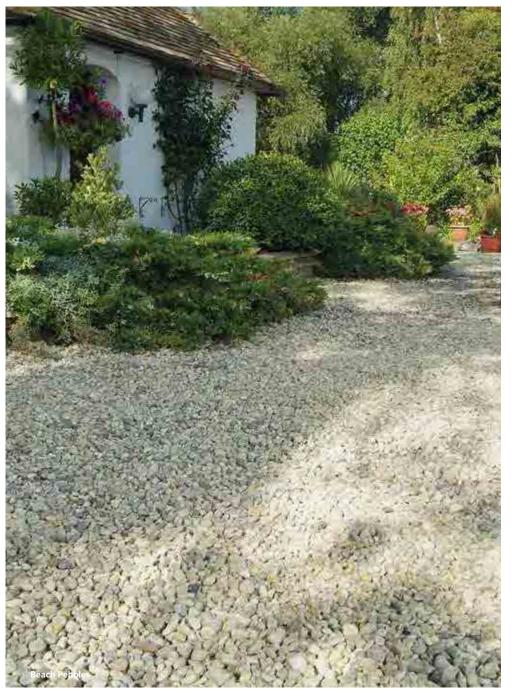
Available in: Charcoal, Brindle, Buff and Natural 600 x 50 x 150mm (h)



# Decorative aggregates

All decorative aggregates are available in both mini bags and bulk bags.

Product	Grade	Coverage (kg/m²)
Natural Slate	40	62.5
Plum Slate	40	62.5
Green Slate	40	62.5
Red Granite	14	75
Green Granite	14	75
Pearl Spar	11	70
Cotswold Stone	20	75
Canterbury Spar	11	60
Havana Gold	20	70
Beach Pebbles	40	55
Honey Gold	10	70



# Accessories

# Permeable Chippings for Block Paving

Permeable Chippings have an angular shape and are essential for installations of permeable paving. Permeable Chippings are used to fill in the large voids between permeable blocks to ensure a strong joint.

When used in Aura block paving, use Permeable Chippings, then top up with jointing sand (this is not permeable).

### Permeable Chippings coverage per 20kg

Block paving thickness	coverage (m²)
60mm Permeable Paving	= 3.2
80mm Permeable Paving	= 2.4
Aura Rectangular Block Patterns	= 5.3
Aura/Circles/Fleur de Lys Patterns	= 4.0

Available in maxi bags only.

# **Block Paving Jointing Sand**

Kiln Dried Sand is used for filling joints on block paving creating a close and tight bond. The coverage is dependent on the thickness of the block paving.

### Jointing sand coverage per 20kg

Block paving thickness	coverage (m²)
50mm	approx. 6.1
60mm	approx. 4.5
80mm	approx. 3.5

Available in maxi bags only.

www.brettpaving.co.uk Product information 99



# Alpha

# Alpha Antique single size packs

These products are available in Autumn Gold, Burnt Oak, Brindle, Silver Haze and Charcoal.

Block type	Size (mm)	Thicknes	s (mm)No.	Area (m²)
Small	105x140	50	732	10.76
(68 per m <sup>2</sup> )		60	702	10.32
		80	480	7.06
Medium	140x140	50	552	10.82
(51per m <sup>2</sup> )	(51per m²)	60	528	10.35
		80	360	7.06
Large	210x140	50	368	10.82
(34 per m <sup>2</sup> )		60	352	10.35
		80	240	7.06
Jumper	280x210	60	168	9.88
(17 per m <sup>2</sup> )				

See www.brettpaving.co.uk for laying patterns.



# Alpha Flow single size packs

Available in Brindle, Charcoal and Autumn Gold.

Block type	Size (mm)	Thickness (mm)	No.	Area (m²)
Small	105x140	60	702	10.32
(68 per m <sup>2</sup> )		80	510	7.50
Medium	140x140	60	528	10.35
(51per m <sup>2</sup> )		80	384	7.53
Large	210x140	60	352	10.35
(34 per m <sup>2</sup> )		80	256	7.53

# Alpha TRIO mixed size packs

Available in Brindle, Autumn Gold, Silver Haze and Rustic Bronze

Thickness (mm)	Size (mm)	No.	Area (m²)
50mm	105 x 140	132	
	140 x 140	198	11.64
	210 x 140	198	
60mm	105 x 140	108	
	140 x 140	162	9.52
	210 x 140	162	

More patterns are available at www.brettpaving.co.uk

# Alpha Circle Packs

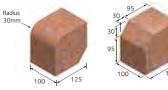
Available in Autumn Gold, Burnt Oak, Brindle, Silver Haze & Charcoal, 50mm or 60mm.

Pack	Thickness (mm)	No.	Area (m²)
Large Circle Pack (2.95m)	50	464	6.84
Large Circle Pack (2.95m)	60	464	6.84

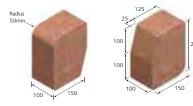
# Alpha kerbs

Available in Autumn Gold, Brindle and Charcoal.

Kerb type	Size (mm)	No.	Lin. m	No. lin. m
Alpha	125x100x125	270	27	10



200x100x150 Rustic 168 16.8 10



A full set of accessories, including corners and radials, is available.

### Rustic and Alpha Antique Kerb

- ✓ Two kerb profiles for any application
- ✓ Tumbled finish for traditional look
- ✓ Multi profile options using the same unit
- ✓ Full set of corners and radials available
- ✓ Droppers and transitions available



# Beta

These products are available in Autumn Gold, Burnt Oak, Brindle, Silver Haze and Charcoal.

# Beta single size packs

Available in all colours.

Block type	Size (mm)	Thickness (mm)	No.	Area (m²)
Small	105x140	60	672	9.88
(68 per m <sup>2</sup> )		80	432	6.35
Medium	140x140	60	504	9.88
(51 per m <sup>2</sup> )		80	324	6.35
Large	210x140	60	344	10.12
(34 per m <sup>2</sup> )		80	232	6.62
Jumper	280x210	60	156	9.17
(17 per m <sup>2</sup> )				

See www.brettpaving.co.uk for laying patterns.

# Beta TRIO\* mixed size packs

Available in Autumn Gold. Silver Haze and Rustic Bronze.

	,		
Location and Thickness (mm)	Size (mm)	No.	Area (m²)
Barrow	105 x 140	104	
60mm	140 x 140	156	9.20
	210 x 140	156	
Cliffe	105 x 140	108	
60mm	140 x 140	162	9.52
	210 x 140	162	
Poole	105 x 140	120	
60mm	140 x 140	120	9.41
	210 x 140	180	

<sup>\*</sup>Colour variation compared to standard Beta may occur, due to regional manufacture

### Beta Circle Pack

Available in Available in Autumn Gold, Burnt Oak, Brindle, Silver Haze and Charcoal.

Pack	Thickness (mm)	No.	Area (m²)
Large Circle Pack (2.95m)	60	464	6.84

# Lugano

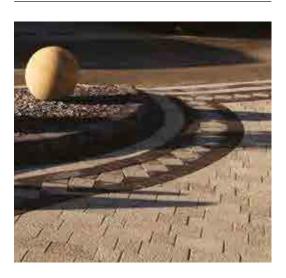
These products are available as standard in the colours shown above.

# Lugano single size packs

Block type	Size (mm)	Thickness (mm)	No.	Area (m²)
Small	105x140	80	420	6.17
(68 per m <sup>2</sup>	)			
Medium (51 per m²	140x140	80	336	6.59
Large (34 per m²	210x140	80	224	6.59

# Lugano TRIO mixed size packs

Thickness (mm)	Size (mm)	No.	Area (m²)
60mm	105 x 140	108	
	140 x 140	108	8.47
	210 x 140	162	



# Laying patterns

For Alpha, Beta and Lugano block paving.

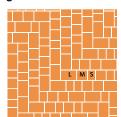
### 3 size random stretcher course



Example shown suitable for Alpha, Beta and Lugano. Requires per m<sup>2</sup>:

- 16 no. Small (105 x 140mm)
- 16 no. Medium (140 x 140mm)
- 16 no. Large (210 x 140mm)

### 3 size random herringbone



Example shown suitable for Alpha, Beta and Lugano. Requires per m<sup>2</sup>:

- 16 no. Small (105 x 140mm)
- 16 no. Medium (140 x 140mm)
- 16 no. Large (210 x 140mm)

### 4 size random



Example shown suitable for Alpha and Beta.

Requires per m<sup>2</sup>:

- 9 no. Small (105 x 140mm)
- · 13 no. Medium (140 x 140mm)
- 13 no. Large (210 x 140mm)
- · 4 no. Jumper (210 x 280mm)

More patterns are available at www.brettpaving.co.uk

101 www.brettpaving.co.uk Product information



# Aura

These products are available as standard in the colours shown above

# Aura single size packs

Block type	Size (mm)	Thickness (mm)	No.	Area (m²)
Stone	171x114	60	385	7.50
(50 per m <sup>2</sup> )				
Square Stone	114x114	60	539	7.01
(75 per m²)				

### Aura Circle Pack

Block type	Size (mm)	Thickness (mm)	No.	Area (m²)
Circle Pack	730 radius	60	143	1.67

### Aura kerb

Available in Burnt Fleck, Silver Fleck and Bronze Fleck.

Block type	Size (mm)	Thickness (mm)	No.	Lin. m
Aura	125x100	125	270	27
Radius 30mm	30 30 95	125		

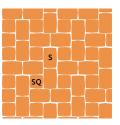
- ✓ Tumbled finish for traditional look
- ✓ Multi profile options using the same unit
- ✓ Full set of corners and radials available
- ✓ Aggregate sparkles to match the Aura paving



# Laying patterns

For Aura block paving.

### Victorian Weave



Example shown suitable for Aura.

Requires per m<sup>2</sup>:

- 19 no. Square Stone
- · 38 no. Stone

# Herringbone



Example shown suitable for Aura.

Requires per m<sup>2</sup>:

• 50 no. Stone

### Aura Pattern



Example shown suitable for Aura.

Requires per m<sup>2</sup>:

- · 30 no. Stone
- 30 no. Square Stone

More patterns are available at www.brettpaving.co.uk



# Regatta DUO and TRIO

These products are available as standard in the colours shown above

# Regatta DUO mixed size packs

Available in Autumn Gold, Silver Haze and Rustic Bronze

Thickness (mm)	Size (mm)	No.	Area (m²)
Barrow	200 x 133	160	
60mm	266 x 200	80	8.51
Cliffe	200 x 133	160	
60mm	266 x 200	80	8.51
Poole	200 x 133	160	
60mm	266 x 200	80	8.51

# Regatta TRIO mixed size packs

Available in Autumn Gold, Silver Haze and Rustic Bronze

Thickness (mm)	Size (mm)	No.	Area (m²)
Barrow	100 x 133	104	
60mm	133 x 133	156	8.32
	200 x 133	156	
Cliffe	100 x 133	108	
60mm	133 x 133	162	8.64
	200 x 133	162	
Poole	100 x 133	120	
60mm	133 x 133	120	8.50
	200 x 133	180	

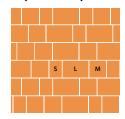
# Regatta Circle Pack

Pack	Thickness (mm)	No.	Area (m²)
60mm Large Circle Pack (2.95m)	60	464	6.84

# Laying patterns

For Regatta block paving.

# Repeatable pattern



Example shown suitable for Regatta TRIO Cliffe and Barrow.

Requires per m2:

- 13 No. Small (100 x 133mm)
- 19 No. Medium (133 x 133mm)
- 19 No. Large (200 x 133mm)

# Repeatable pattern



Example shown suitable for Regatta TRIO Poole.. Requires per m<sup>2</sup>:

- 15 No. Small (100 x 133mm)
- 15 No. Medium (133 x 133mm)
- 22 No. Large (200 x 133mm)

### Pattern RD1

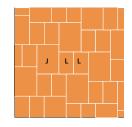


Example shown suitable for Regatta Duo.

Requires per m²:

- 18 No. Large (200 x 133mm)
- 9 No. Jumper (266 x 200mm)

### Pattern RD2



Example shown suitable for Regatta Duo.

Requires per m<sup>2</sup>:

- 18 No. Large (200 x 133mm)
- 9 No. Jumper (266 x 200mm)

### Pattern RTD1

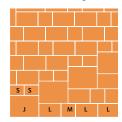


Example shown suitable for combining Regatta DUO and TRIO (Cliffe and Barrow).

Requires per m<sup>2</sup>:

- 4 No. Jumper (266 x 200mm)
- 4 No. Small (100 x 133mm)
- 9 No. Medium (133 x 133mm)
- 19 No. Large (200 x 133mm)

### Pattern RTD5



Example shown suitable for combining Regatta DUO and TRIO (Poole).

Requires per m<sup>2</sup>:

- 4 No. Jumper (266 x 200mm)
- 8 No. Small (100 x 133mm)
- 8 No. Medium (133 x 133mm)
- · 20 No. Large (200 x 133mm)

More patterns are available at www.brettpaving.co.uk

www.brettpaving.co.uk Product information 103

More patterns are available at www.brettpaving.co.uk

# Delta

This product is available as standard in the colours shown above.

# Delta single size packs

Block type	Size (mm)	Thickness (mm)	No.	Area (m²)
Standard	266x133	50	288	10.19
(29 per m <sup>2</sup> )				



# Omega

This product is available as standard in the colours shown above.

# Omega single size packs

Block type	Size (mm)	Thickness (mm)	No.	Area (m²)
Standard	200x100	50	488	9.76
(50 per m <sup>2</sup> )		60	404	8.08
		80	308	6.16

# Omega Flow single size packs

This product is available as standard in Brindle, Burnt Oak, Autumn Gold, Natural and Charcoal.

Block type	Size (mm)	Thickness (mm)	No.	Area (m²)
Standard	200x100	60	404	8.08
(50 per m <sup>2</sup> )		80	308	6.16

# Laying patterns

For Delta and Omega block paving.

### 90° herringbone



Example shown suitable for Delta. Requires per m<sup>2</sup>

· 29 No. Delta (266 x 133mm)

Stretcher course



Example shown suitable for Delta. Requires per m<sup>2</sup>:

· 29 No. Delta (266 x 133mm)

### Basket weave



Example shown suitable for Delta. Requires per m<sup>2</sup>:

 29 No. Delta (266 x 133mm) (Recommended for patios only)

# Mixed herringbone

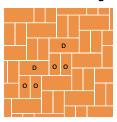


Example shown suitable for Delta and Omega.

Requires per m2:

- 18 No. Delta (266 x 133mm)
- 18 No. Omega (200 x 100mm)

### 2:1 mixed herringbone



Example shown suitable for Delta and Omega.

Requires per m<sup>2</sup>:

- 14 No. Delta (266 x 133mm)
- 27 No. Omega (200 x 100mm)

# Double herringbone



Example shown suitable for Delta and Omega.

Requires per m<sup>2</sup>:

- 18 No. Delta (266 x 133mm)
- 18 No. Omega (200 x 100mm)

# 45° herringbone



Example shown suitable for Omega. Requires per m2:

• 50 No. Omega (200 x 100mm)

### Mixed stretcher course



Example shown suitable for Omega. Requires per m2:

• 50 No. Omega (200 x 100mm)

# 3 block cluster



Example shown suitable for Omega. Requires per m<sup>2</sup>:

- 50 No. Omega (200 x 100mm) (Recommended for patios only)

# Kerbs







# Drivestyle Kerb

No.	Lin. m	No. per lin m
270	27	10

Corners and Radials are sold individually in both Splay and Bullnose designs.

### Lower profile design kerb system

- ✓ Non-tumbled finish for clean lines
- ✓ Multi profile options using the same unit
- ✓ Full set of corners and radials available

 $\checkmark$  Droppers and transitions available

**Colours:** Autumn Gold, Brindle, Charcoal, Red





# High Kerb

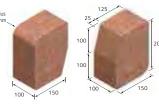
No.	Lin. m	No. per lin m	
168	16.8	10	

Corners and Radials are sold individually in both Half batter and Bullnose designs.

### High profile design kerb system

- ✓ Non-tumbled finish for clean lines
- $\checkmark$  Multi profile options using the same unit
- ✓ Full set of corners and radials available
- ✓ Droppers and transitions available

**Colours:** Autumn Gold, Brindle, Charcoal, Red



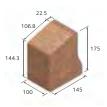
# **Mobility Kerb**

No.	Lin. m	No. per lin m
216	21.6	10

The Brett Mobility Kerb has been designed to provide sufficient warning of a pavement edge for users with visual impairment whilst not creating a hazard for physically limited users. This low profile kerb system is ideal for use with our Beta paving range to create a trip-free environment for your outdoor paving.

- ✓ Good tactile feel for partially sighted people
- $\checkmark$  Selection of fittings for ease of design
- ✓ Ideal for shared space developments

Colours: Available in Brindle and Charcoal



www.brettpaving.co.uk Product information 105





# How to lay a patio

No matter what your project is, or what materials you are using, if you have decided to do it yourself there are a number of factors you need to be aware of and important steps you need to take.

Here are some examples of the steps required to cover the most basic patio paving installation. If you need any further information on our products or installation call our Customer Services Team on 0845 60 80 570 or email landscaping@brett.co.uk

# Materials and tools checklist

The key to starting off this style of project is the equipment, correct tools and materials for the job and having them all close to hand. Quantities of the following materials will vary depending on the size and sub-base requirements of your patio.

You will need essential personal protection equipment: Gloves, Safety Goggles, Face Mask, Ear Protectors, Knee Pads and Safety Shoes.



# Before you start...

Draw a simple plan of your home and garden, sketching where you would like areas to be paved. Once your plan has been finalised, lay out lengths of string to mark out the dimensions of your purposed patio in position. When you are happy with this, let the digging commence.

# Step 1: Site preparation

Mark the pegs beforehand to indicate the depth and remember to allow for a gradual slope away from your property. Using the tape measure mark out the patio area. Check the corners, using a builders square. Removing topsoil is easily done using an edging iron and cutting the turf into manageable squares. Simply scoop with a spade and remove using a wheelbarrow and skip.



The excavated depth should be 150mm or 6 inches from the finished patio level. Measure the final depth of excavation using the pegs and strings.

Check the depth at the edge using a tape measure. Compact the soil with the Vibrating Plate Compactor

and re-check the overall depths and slope of the area using the pegs and spirit level.

If you find soft spots in the soil, further excavation may be required. These spots can then be filled and consolidated with sub-base material.



Check all 90° corners and depths thoroughly before putting down the sub-base material.

When using excavation machinery please follow the manufacturer's guidelines including acceptable levels of exposure and in particular use ear protection.

# Step 2: The sub-base

Having tipped the sub-base material into the laying area, rake into position to a consistent depth of 100mm or 4 inches



Once the area is covered, check the depth using a spirit level, pegs and string line.

Compact the area using a Vibrating Plate Compactor, making sure the entire area has been compressed at least twice. Check again for any sinking areas. If this occurs, an extra depth of sub-base material should be considered.



Once the sub-base is smooth, flat and to the appropriate level, check the drainage slope with a straight edge and spirit level.

When using the vibrating plate machinery please follow all manufacturer's guidelines including acceptable levels of exposure and in particular use ear protection.

**Hints & Tips:** Arrange for material to be stacked on a dry base and allow enough room for mixing concrete and mortar.

NB. Paving products can be heavy. Assess the safest method of installing them.

# Step 3:

# Preparing the mix and laying paving flags

When preparing the cement mix, please avoid direct handling of cement, always cover your skin.

Either using the cement mixer or wheelbarrow and shovel, prepare a mortar mix of 5 parts building sand, 1 part cement and add water to create a doughy consistency.

To check this is correct use the 'snow ball' test, pick up a handful of mortar mix and squeeze into a ball, when you let go



the mix will retain its shape without oozing water or falling apart.

Starting in the corner, trowel a bed of mortar to cover the area intended for the first paving flag. The depth of the mortar bed should be approximately 35–40mm. Level off but ensure the mortar is not compact as you want the flag to sit within the mix about 10–15mm deep.

Remember when lifting and carrying paving units always consider the weight before attempting to lift. If it is heavy, get help. Take care not to trap fingers whilst handling paving units.

Lower the first paving flag into position, holding it diagonally will make it easier to lower it. Settle it cleanly into the mortar without sliding it about so a good bond forms between the mortar and paving flag.

Line up the paving flag with the string lines and gently tap it into the mortar using the rubber mallet.

Repeat the process, continuously checking against the string line. Also, use the spirit level to check the surface is at the correct level.

Check that no edges are standing up proud simply by running your hand over the joints. Ensure consistent gaps, ideally of 10–15mm between the slabs.

Leave the slabs for at least 24 hours so that the sand cement mix can set.



Hints & Tips: We also recommend that the paving flags are selected from different packs as it is being laid to ensure an even colour mix.

# Step 4: Cutting

Great care is needed and it is essential to use equipment specially designed for this operation. Diamond disc cutters with water suppression are ideal. They are readily available at your local equipment hire store.

Check you are wearing good personal protective equipment for this activity.



Hints & Tips: Clean mortar spillage immediately to prevent staining and if possible joints should be pointed on a dry day.

Mark the paving flag surface with the intended cutting line for guidance. Place the paving flag on a platform and carefully saw using a diamond disc cutter.

When using cutting equipment please follow all manufacturer's guidelines including acceptable levels of exposure and in particular use eye protection.

# Step 5: Pointing

You can either buy ready mix compound or, using the shovel and trowel, prepare a jointing mix of 5 parts building sand, 1 part cement and water to a damp, semi-dry consistency.



Firm it into the joints using the trowel and finish with the pointing iron, compacting the mix into the gaps and producing neat growes

Carefully remove any excess pointing material using the trowel and yard broom, ensuring no residue is left on the slab surface.

Other chemical jointing compounds are available, contact our Customer Services Team on 0845 60 80 570 for more information.

### Materials

- Sub-base Material (MOT Type 1)
- Brett Building Sand
- Cement
- Washed Sharp Sand
- Paving Flags

### Tools

- Irowel
- Pointing Iron
- String Line and Pegs
- Edaina Iron
- Rubber Mallet
- Builders Square
- Rake
- Shovel
- Spirit Level
- Skip
- Wheelbarrow
- Pick axe
- Tape Measure
- Yard Broom
- Vibrating Plate
   Compactor
- Diamond Disc
   Cutter (Optional)
- Mini-Excavato
- Cement Mixer (Optional)



# How to lay block paving

The professionals make laying block paving look easy, but with the right materials and some manual work it is not quite the major undertaking that you may have first thought. Follow this simple step by step example guide to laying a non-permeable driveway.

# Materials and tools checklist

The key to starting off this style of project is the equipment, correct tools and materials for the job and having them all close to hand. Quantities of the following materials will vary depending on the size and sub-base requirements of your patio.

You will need essential personal protection equipment: Gloves, Safety Goggles, Face Mask, Ear Protectors, Knee Pads and Safety Shoes.



# Before you start...

Draw a simple plan of your home and garden, sketching where you would like areas to be paved. Once your plan has been finalised, lay out lengths of string to mark out the dimensions of your purposed patio in position. When you are happy with this, let the digging commence.

# Step 1: Site preparation

Depending on the size of the area, using the shovel or mini excavator dig out to the advised level. This will depend on your existing surfaces, our Customer Services team will be able to advise as to the appropriate depth.



If you find soft spots in the soil further excavation may be required. These spots can then be filled and consolidated with sub-base material.

Remove all waste materials from the site using a wheelbarrow and skip.

When using excavation machinery please follow all manufacturers' guidelines including acceptable levels of exposure and in particular use ear protection.

Hints & Tips: Have an eye on the weather. Installing block paving is extremely difficult in the rain due to its effect on the sands and aggregates. Therefore plan ahead and, if rain is likely, protect large areas either with plastic sheets or even a gazebo.

# Step 2: Edge restraints

When preparing mix, please avoid direct handling of cement, always cover your skin.



Using the cement mixer, mix 1 part cement and 6 parts ballast to create a concrete foundation for the edge restraint that is 100mm thick.

Ensure that the edge restraint unit that is to be placed on the foundation will sit at the required finished level using the string line and spirit level.

The edge restraint can either be a kerb unit of a thick paving block (at least 60mm). Mortar these units into the foundation using the trowel and rubber mallet and again using the concrete, form a haunch up at least half the block height.



Hints & Tips: Falls are crucial to traditional block paving. It should never be installed flat. Always ensure a gradient of at least 1 in 60 falling towards the drainage system and paving height that's always 150mm below the house damp proof course.

# Step 3: The sub-base

Further to your specific requirements, apply the sub-base of MOT Type 1 with the rake and thoroughly compact using the vibrating plate compactor in layers of 50mm until your desired level is reached.

Apply a 50mm level of slightly damp, coarse sharp sand and compact down, again using the vibrating plate compactor, to an approximate depth of 35mm.

A further 20mm layer of sharp sand then needs to be raked on top and using the screeding rails and string line, levelled to the correct falls.

When using vibrating plate machinery please follow all manufacturer's quidelines including acceptable levels of exposure and in particular use ear protection.



# Step 4: Installation

Remember when lifting and carrying paving units, always consider the weight before attempting to lift. If it is heavy, take care not to trap your fingers whilst handling the paving units.



Hints & Tips: Always keep a bag of kiln dried sand around after you've finished your job, as sand will come out of the joints in the initial life of the area. Regularly top up until it settles

Ideally starting from a right angle or straight edge, place your blocks on top of the laying course, ensuring that they sit 5mm proud of the finished level.

Following your desired laying pattern ensure that you pick blocks from three or more different packs at any one time in order to minimise the risk of colour patching.

Once all of the blocks are laid into position you will need to cut a number to complete the area. Cutting blocks is best done using a block splitter or diamond disc cutter. Wherever possible, always obtain water suppression cutting equipment.

When using cutting equipment please follow all manufacturer's guidelines including acceptable levels of exposure and in particular use eye protection.

# Step 5: Finishing

Using the yard broom, brush the kiln dried sand into all of the joints and thoroughly compact, again using the vibrating plate compactor, ensuring that all of the blocks are at the desired finished level



Subsequently top the sand and re-compact to ensure that no joints are left unfilled.

Please note, if you are using the Brett Aura or Classico range of paving blocks the Brett Permeable Chippings need to be applied in this finishing process.



### Materials

- Sub-base Material (MOT Type 1)
- Brett Building Sand
- Cement
- Washed Sharp Sand
- Paving Flags

### Tools

- Trowel
- Pointing Iron
- String Line and Pegs
- Edging Iron
- Rubber Mallet
- Builders Square
- Rake
- Shovel
- Spirit Level
- Skip
- Wheelbarrow
- Pick axe
- Tape Measure
- Yard Broom
- Vibrating Plate
- · Diamond Disc Cutter (Optional)
- Mini-Excavator (Optional)
- Cement Mixer (Optional)





# Responsible product sourcing

Brett Landscaping is committed to a policy of no harm within our supply chains. We ensure that we achieve this through a number of auditable processes.

# Responsible sourcing

Brett Landscaping was one of the first manufacturers within our sector to achieve certification to the BES 6001 Responsible Sourcing of Construction Products standard which evaluates how well we perform as a business.

A key part of this is that we report annually to all of our stakeholders via our website; if you want to see how well we performed please visit :

www.brettpaving.co.uk.



# Carbon reduction

Since 2011 Brett Landscaping has been actively measuring our Carbon usage across all of our hard landscaping products. This commitment ties in to our British Precast Concrete Federation Sustainability Charter pledge to ensure that we reduce our yearon-year Carbon usage thereby ensuring that we minimise our impact upon the world around us.



# **British Precast** Concrete Federation Sustainability Charter

Brett is a signatory to the BPCF sustainability charter. The key value of the Charter is to guide companies towards focusing on the issues that have the greatest impacts on economic viability, social progress and environmental performance in the precast sector.



# **Ethical Trading**

Some of our products are sourced from outside the UK. In order to ensure ethical trading conditions throughout our supply chain, we have become an active member of the Ethical Trading Initiative (ETI).

We are progressively adopting the ETI Base Code which provides a moral framework for the treatment of workers across the world.

We require all of our suppliers to be aware of and to apply the ETI Base Code to their own suppliers.

www.ethicaltrade.org

# The Ethical Trading Initiative Base Code



# Brett and the Community

As a responsible manufacturer Brett Landscaping also believe in giving back to the community and will actively support projects with products, time and money.

Over the past few years, we have engaged with projects as diverse as the community initiative at Whittington Cricket Club and supplying product and assistance to their new garden, through to the Southroyd Primary School courtyard garden, where we supplied textured flag paving so that children from the area could try their hand at being the Brett gardener of tomorrow.

Each year, we are happy to supply product and time into supporting worthwhile community initiatives.

If you would like Brett to get involved with a project that you are considering, please get in touch via our website.





2015 Projects

Here are just some of the projects

# Supporting our industry

In addition to community projects, we are also actively involved within our industry. Brett team members actively contribute in a wide variety of roles across industry bodies.

We are also proud to support both BALI and the Landscape Institute in their annual awards helping to promote the very best in hard landscaping and make our open spaces beautiful areas that everyone can enjoy.







# External certification



# ISO 9001 QUALITY MANAGEMENT SYSTEM

BS EN ISO 9001: 2008 Quality Management System ensures consistency of both our product

and also service

levels ensuring your satisfaction.



# ISO 14001 ENVIRONMENTAL MANAGEMENT SYSTEMS

BS EN ISO 14001: 2004 Environmental Management

System is designed to ensure that we minimise how Brett operations negatively affect the environment and continually improve our performance.



# OHSAS 18001 HEALTH AND SAFETY MANAGEMENT

OHSAS 18001Health and Safety Management System provides us with a mechanism to provide

a demonstrably sound occupational health and safety performance monitoring system for all Brett employees.



### CE MARKING

All Brett Landscaping products are CE marked to show compliance against the relevant standard. This does more than

just provide full compliance with European regulations – it allows you as the consumer to see exactly what you are buying and compare one manufacturers products directly with another in terms of its performance.



# built on relationships

Brett Landscaping Sileby Road, Barrow upon Soar, Leicestershire LE12 8LX Tel 0845 60 80 577

www.brettpaving.co.uk

# Additional information

Brett is continually looking to make improvements in the product range and therefore any information such as dimensions and weights are subject to change. Customers should always check with a local stockist that they are using the most current product information.

Find your local stockist by visiting www.brettpaving.co.uk or call 0845 60 80 577.

Colour swatches in this brochure are as accurate as printing allows, however products may vary. This is why we recommend you look at samples and if possible try to see some product laid.

### SUITABII ITY

Products which are less than 50mm thick are not suitable to run cars on. Only products of 50mm or more are suitable for driveway installation.

### CONSIDERATIONS TECHNICAL

Efflorescence: Efflorescence is a temporary salt residue that can occur on all concrete products in their initial life. It can also occur in natural stone products as a result of the cementitous bedding material.

The salt masks the colour of the product and is often mistaken for fading. The best course of action is to leave the paved area to weather over time and efflorescence will usually disappear.

Differential curing: Dark patches occasionally appear on the surface of garden products. This is known as differential curing and is caused by varying moisture levels within the flag drying at different rates. Like efflorescence, given time and the natural weathering process such patches will tone down and become less visible.

Porosity: Concrete continues to cure for many years after manufacture. Whilst this happens, and usually only during its initial life, a level of porosity may exist where some product retains water giving a damp appearance. This will disappear as the concrete continues to harden and the product dries out.

Aggregate contaminants: Very rarely concrete may be affected with Iron Pyrites and/or Lignite. These are both the result of naturally occurring constituents within the product raw materials which may result in localised discolouration of the surface of an individual unit. This phenomenon will not normally affect the performance of the product.

Sealants: Sealers can help protect and enhance your investment. Before you choose to buy one, make sure you are aware of the following. Sealers may trap potential efflorescence and other forms of discolouration that can occur from time to time, making them almost impossible to remove.

On rare occasions mineral deposits within natural stone also react with sealants causing discolouration.

We recommend you wait 12–18 months before sealing. This will allow any potential discolouration to be exposed and enable you to remove it. Before sealing, make sure that the paving is thoroughly cleaned and any joints are filled. Prior to applying to the whole installation, test in a small inconspicuous area.

Surface marking: Some products within the range are deliberately distressed via a tumbling process in order to give them their aged aesthetic. Tumbling can leave a dust on the surface of the product that should significantly reduce with the natural ageing process.

The instances mentioned above are not covered under any product guarantee provided by Brett. For more information on any of the topics above, please contact our Customer Services on 0845 60 80 570.

The colours in concrete paving come from pigmentation placed into the product during production. Products may have 2 or 3 different pigments added to create the subtle and very attractive colour tones. When installed these variations appear more uniform over a large area.

Aged products: such as Alpha Antique and Aura have been distressed with varying production techniques. The distressing process by its very nature creates a random aesthetic. This variation is deliberate and gives the appeal of the product range.

### ORDERING

To order Brett product contact your nearest Brett stockist, call 0845 60 80 577 or visit www.brettpaving.co.uk

If samples have been acquired from a Brett stockist, we strongly recommend ordering from the same stockist.

All dimensions quoted in Brett literature are nominal and are for guidance only. Actual sizes of individual units will vary, particularly on garden products. Most sq.m. coverage figures assume a nominal 10mm joint is used between all garden products. If you are having difficulty quantifying the product you require, please call our Customer Services on 0845 60 80 570.

The total quantity required should ideally be ordered and delivered at the same time to reduce the risk of product variation.

### **DELIVERY & INSPECTION**

In the unlikely event of products arriving in a less than satisfactory condition, please refer to your stockist immediately with product and batch code details that are printed on the packaging.

Any suggestion of non-conformity must result in the complaint being registered and the product not being installed. Responsibility for costs incurred for uplifting and relaying defective product may be prejudiced if the defect should have been apparent before installation.

### PLANNING PERMISSION

Legislation on hard landscaping changes around your property may require a planning application. The responsibility to comply lies with the homeowner.

### **HEALTH & SAFETY**

Hard landscaping products can be hazardous, especially when lifting, cutting, drilling or abrading. Always carry out a risk assessment and apply the appropriate precautions to help avoid the risk of injury to yourself or others.

### INSTALLATION

Brett products should be installed to relevant European standards where appropriate.

Where products fall outside the scope of such standards, Brett best practice installation techniques are recommended. For any queries on installation methods please call our Customer Services on 0845 60 80 570.

Each manufacturing production run of a specific product (or batch) will have its own unique characteristics. Minimising the number of batches will help reduce product variation. Products should be laid from a number of packs at the same time. In the case of paving three packs should be mixed for single colours, five in the case of multi-coloured product. Ideally, product should also be mixed by being taken from vertical stacks rather than in layers of the same pack.

Any garden & natural stone products supplied may incur joint widths of differing sizes depending on the pattern they are installed in. We recommend they are dry laid before they are actually bedded to allow joint widths to be adjusted. This is also important for circles, octagons and corner kits.

### **AFTERCARE**

All pavements should be subjected to a regular maintenance regime. For more details on the appropriate course of action, please see the 'Essential Maintenance Guide' on brettpaving.co.uk.

Brett Landscaping 125/0116

More information on Brett as well as our products can be found at www.brettpaving.co.uk



# **Brett Landscaping**

Sileby Road Barrow upon Soar Leicestershire LE12 8LX

Phone: 0845 60 80 577 Fax: 0845 60 80 575

Email: landscapinginfo@brett.co.uk

www.brettpaving.co.uk