THE 2015 COLLECTION

The best quality hand-selected natural stone for your home and garden

GLOBAL STONE PAVING

2.8



THE 2015 COLLECTION

ARTISAN	Artisan Mirage Paving, Artisan Mirage Setts & Phantasy Vine	
	Empire Fencing & Paving	
	Artisan Serenity Paving & Artisan Quartzite Paving	
	Artisan Serenity & Bullnose Steps	
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	Old Rectory Walling	
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ARTISAN COLLECTION MIRAGE PAVING

2

The Artisan collection offers a versatile honed sandstone with a delightfully smooth finish, suitable for both indoor and outdoor use.

Mirage paving has a sleek contemporary finish which will add a sense of timeless elegance to your home and garden. Perfect for extending your internal living space outside; open your patio doors and enjoy the continuity of colour, style and design to create a seamless indoor outdoor living space.

Artisan Mirage Linear Paving - Buff Brown
 Artisan Mirage Linear Paving - Mint

31

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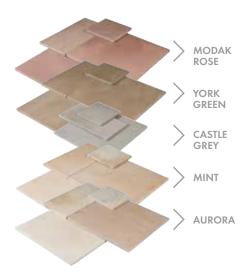
PRODUCT INFORMATION

The Artisan collection offers a versatile honed sandstone with a delightfully smooth finish, suitable for both indoor and outdoor use.

ARTISAN MIRAGE PHANTASY VINE



ARTISAN MIRAGE PAVING



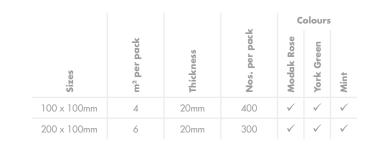
					(Colour	'S		
Sizes	m² per pack	Thickness	Nos. per pack	Modak Rose	York Green	Castle Grey	Mint	Aurora	
285 x 285mm	15.43	20mm	190	\checkmark	\checkmark		\checkmark		
285 x 570mm	14.62	20mm	90	\checkmark	\checkmark		\checkmark		
570 x 570mm	14.62	20mm	45	\checkmark	\checkmark		\checkmark		
855 x 570mm	11.7	20mm	24	\checkmark	\checkmark		\checkmark		New
Project Pack	7.3	20mm	38*	\checkmark	\checkmark	\checkmark	\checkmark		
Project Pack	13.65	20mm	55**					\checkmark	New

*7.3m² Project Pack contains 12no 285 x 285mm, 13no 285 x 570mm, 13no 570 x 570mm **13.65m² Project pack contains 15no 285 x 285mm, 15no 285 x 570mm, 13no 570 x 570mm, 12no 855 x 570mm 10mm Joint included in sizes

Use laying guides Plans B, F & H, see pages 73, 74 & 75

ARTISAN MIRAGE PATHWAY SETTS





The sizes stated are the actual dimensions

ARTISAN MIRAGE LINEAR PAVING



The sizes stated are the actual dimensions

ARTISAN COLLECTION EMPIRE FENCING AND PAVING

1.2

This inspirational collection offers a stylish hard landscaping solution for a variety of classic garden projects.

The innate strength and natural beauty of sandstone is captured in our new Empire Collection. A collection which includes fencing and garden benches to complete your outside living space.

1

- **3.** Sandstone Bench (see page 41)

ARTISAN COLLECTION SERENITY PAVING Cool tones and a smooth textured surface make the Serenity collection ideal for contemporary garden designs.

Our collection is select but extremely versatile; consider using the linear paving to create width and add depth, combine with the paving and copings to complete a stylish and co-ordinated finish.

- KANNAGAN

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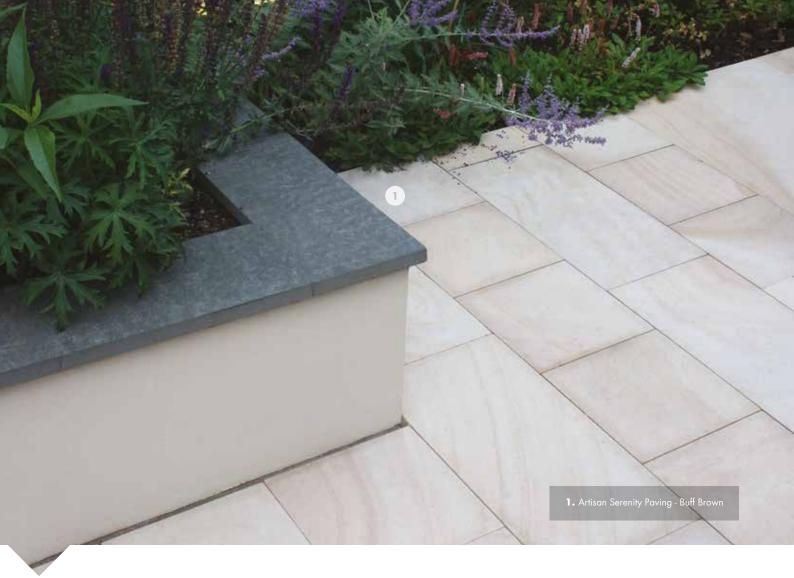
1.3

Artisan Serenity Paving - York Green
 Artisan Serenity Setts 200 x 100mm - Buff Brown

'HC



Artisan Quartzite Paving - Willow
 Artisan Serenity Paving - Monsoon
 Artisan Serenity Paving - Sandalwood
 Artisan Serenity Linear - Buff Brown



PRODUCT INFORMATION

Cool tones and a smooth textured surface make the Serenity collection ideal for contemporary garden designs. Use the linear paving to create width and add depth, combine with the paving and copings to complete a stylish and co-ordinated finish.

ARTISAN EMPIRE PAVING



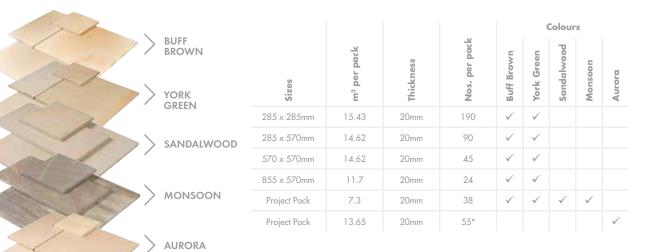
				Colo	urs
Sizes	m² per pack	Thickness	Nos. per pack	Castle Grey	Pearl
1000 x 750mm	13.5	30mm	18	\checkmark	\checkmark
Project Pack	13.5	30mm	18*	\checkmark	\checkmark

*13.5m² Project Pack contains 6no 750 x 750mm, 6no 1000 x 750mm, 6no 1250 x 750mm The sizes stated are the actual dimensions

ARTISAN EMPIRE FENCING



ARTISAN SERENITY PAVING



7.3m² Project Pack contains 12no 285 x 285mm, 13no 285 x 570mm, 13no 570 x 570mm *13.65m² Project pack contains 15no 285 x 285mm, 15no 285 x 570mm, 13no 570 x 570mm, 12no 855 x 570mm 10mm Joint included in sizes

Use laying guides Plans B, F & H, see pages 73, 74 & 75

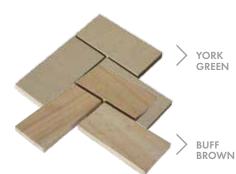
ARTISAN QUARTZITE PAVING



				Colours
Sizes	m² per pack	Thickness	Nos. per pack	Willow
Project Pack	13.65	20mm	55*	\checkmark

*13.65m² Project pack contains 15no 285 x 285mm, 15no 285 x 570mm, 13no 570 x 570mm, 12no 855 x 570mm 10mm Joint included in sizes

Use laying guides Plans B, see pages 73



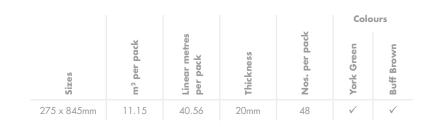
ARTISAN SERENITY PATHWAY SETTS

				Colours	
Sizes	m² per pack	Thickness	Nos. per pack	York Green	Buff Brown
100 x 100mm	4	20mm	400	\checkmark	\checkmark
100 x 200mm	6	20mm	300	\checkmark	\checkmark

The sizes stated are the actual dimensions

ARTISAN SERENITY LINEAR PAVING





The sizes stated are actual dimensions

1

3

2

1.4

The Artisan collection offers a versatile honed sandstone with a delightfully smooth finish, suitable for both indoor and outdoor use.

Hand-crafted to complement our Sandstone paving range and provide the finishing touches that will make all the difference to your designs. Ideal for steps, water feature framing or as coping stones to stylishly complete a walled section.



PRODUCT INFORMATION

Hand-crafted to complement our Sandstone paving range and provide the finishing touches that will make all the difference to your designs. Ideal for steps, water feature framing or as coping stones to stylishly complete a walled section.

ARTISAN SERENITY AND RIVEN BULLNOSE STEPS

	>	EXTERNAL BULLNOSE									
Mar 1								Co	olours		
	>	INTERNAL BULLNOSE		Product	Sizes	Thickness	Nos. per pack	Modak Rose	Buff Brown	York Green	Mint
				Single Bullnose	422 x 560mm	32mm	35	\checkmark	\checkmark	\checkmark	\checkmark
		DOUBLE	Course 1	Double Bullnose	275 x 560mm	32mm	35	\checkmark	\checkmark	\checkmark	\checkmark
	/	BULLNOSE	Serenity	External Bullnose	422 x 422mm	32mm	24	\checkmark	\checkmark	\checkmark	\checkmark
				Internal Bullnose	560 x 560mm	32mm	24	\checkmark	\checkmark	\checkmark	\checkmark
			Sandstone Riven	Single Bullnose	422 x 560mm	32mm	35	\checkmark		\checkmark	\checkmark
1.15		SINGLE BULLNOSE		Tŀ	ne sizes stated are the	actual dimensio	ons				

OLD RECTORY COLLECTION PAVING AND CIRCLES

2.1

This collection offers a timeless elegance to any outdoor living space.

The specially weathered paving creates a rich mature appearance while our beautiful selection of colours will add a warm and soothing ambience. The paving collection can be creatively mixed with an individual selection of circles, cobbles, Victorian pavers and walling to create truly unique designs.

1

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OLD RECTORY COLLECTION COBBLES AND CIRCLES

1

This collection offers a timeless elegance to any outdoor living space.

Elegant natural stone cobbles never fail to add a distinctive classic appearance to your outside space. Combine with complementary products in the collection to transform your driveway, create a beautiful circle focal point or perhaps an individual feature path and wall.



OLD RECTORY COLLECTION WALLING

2

t his

This collection offers a timeless elegance to any outdoor living space.

Classic walling can be laid using a single sized stone, or why not consider using all three sizes in a delightful feature wall? Victorian pavers create traditional pathways, while combined with the paving collection produce truly unique designs.

1

Start Start

Old Rectory Walling - Modak Rose
 Old Rectory Victorian Pavers - York Green
 Old Rectory Walling - Mint

R. A.F

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10



PRODUCT INFORMATION

This collection offers a timeless elegance to any outdoor living space.

OLD RECTORY PAVING



					Colo	ours	
Sizes	m² per pack	Thickness	Nos. per pack	Buff Brown	Modak Rose	Monsoon	York Green
Project Pack	13.65	22mm	55*	\checkmark	\checkmark	\checkmark	\checkmark

* Project pack contains 15no 285 x 285mm, 15no 285 x 570mm, 13no 570 x 570mm, 12no 855 x 570mm 10 mm Joint included in sizes

Use laying guide Plan B, see page 73

OLD RECTORY CIRCLES

								Colours			
Sizes	Nos. per pack	Thickness	Inner Seg	1st Ring	2nd Ring	3rd Ring	Squaring off kit	Buff Brown	Modak Rose	Monsoon	York Green
1.8	17	22mm	300mm	350mm	400mm			\checkmark	\checkmark	\checkmark	\checkmark
2.8	33	22mm	300mm	350mm	400mm	500mm		\checkmark	\checkmark	\checkmark	\checkmark
Squ Kit for 2.8	20	22mm					3.08m x 3.08m	\checkmark	\checkmark	\checkmark	\checkmark
1.8 Cobble	121	30mm	210mm	All 150mm	All 150mm	All 150mm		\checkmark	\checkmark	\checkmark	\checkmark

The sizes stated are the actual dimensions, with a tolerance of -+3mm

Use laying guide page 72

OLD RECTORY COBBLES

OLD RECTORY WALLING



						Colo	ours		
	Sizes	m² per pack	Thickness	Nos. per pack	Buff Brown	Modak Rose	Monsoon	York Green	
Ν	Project Pack	10.71	30mm	177*	\checkmark	\checkmark	\checkmark	\checkmark	

* Project pack contains 41no 200 x 150mm, 57no 200 x 200mm, 38no 200 x 300mm, 41no 300 x 400mm The sizes stated are the actual dimensions, with a tolerance of -+3mm

Use laying guide Plan D, see page 74

York Green Monsoon

 \checkmark

 \checkmark

 \checkmark

 \checkmark

 \checkmark

 \checkmark

MINT Colours MODAK ROSE Nos. per pack **Modak Rose** per pack Thickness Mint Sizes m2 MONSOON \checkmark \checkmark 215 x 100mm Approx 4.5 55-75mm 280 \checkmark 270 x 100mm 55-75mm 225 \checkmark Approx 4.5 325 x 100mm Approx 4.5 55-75mm 185 YORK GREEN The sizes stated are the actual dimensions, with a tolerance of -+3mm

VICTORIAN PAVERS



The sizes stated are the actual dimensions, with a tolerance of -+3mm

Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

SANDSTONE COLLECTION PAVING

3.1

This premium sandstone is riven in texture, hand-picked and cut resulting in each piece being unique. Together they combine to create a rich tapestry of colour and an attractive overall hue.

1

Sandstone Paving - York Green
 Sandstone Paving - Modak Rose
 Sandstone Paving - Castle Grey





SANDSTONE COLLECTION PAVING AND CIRCLES

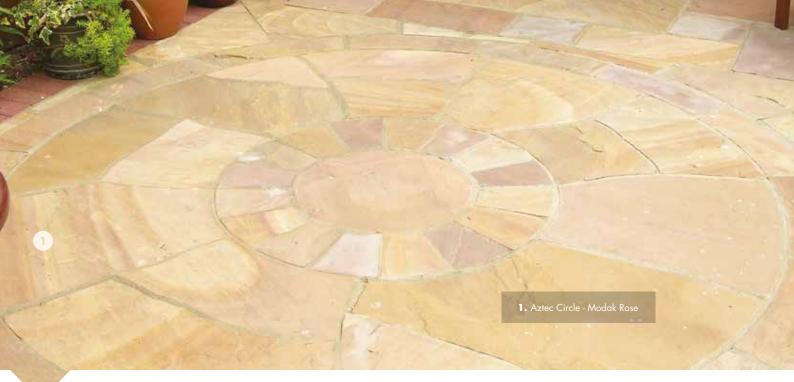
Rent

3.2

Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

This premium sandstone is riven in texture, hand-picked and cut resulting in each piece being unique. Together they combine to create a rich tapestry of colour and an attractive overall hue.

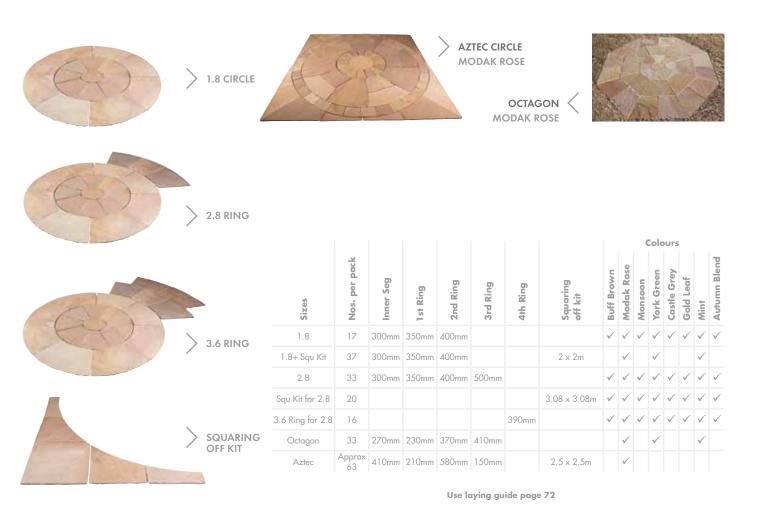




PRODUCT INFORMATION

Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

SANDSTONE CIRCLES



Colours vary in all natural stone products, all the images shown are as a guide only.



COLOUR VARIATION

Sandstone is largely made up of quartz and feldspar, the most common minerals in the Earth's crust. As such, the colour of the rock varies from tan, brown, yellow, red, grey, pink, white and black – depending on the blend of minerals.

These naturally occurring colour variations are what make this timeless stone so universally appealing. The warm hues work together to create a truly unique scheme, whether used indoors or as part of a garden design.

We have shown Sandtone Mint Paving above and as you can see, colours and shades can vary. Always select your prefered colour from a large display at your local stockist www.globalstonepaving.co.uk/stockist-locator

SANDSTONE PAVING



				Colours									
	Sizes	m² per pack	Nos. per pack	Buff Brown	York Green	Modak Rose	Monsoon	Castle Grey	Gold Leaf	Mint	Autumn Blend		
N	285 x 285mm	15.43	190	\checkmark	\checkmark	\checkmark		\checkmark		\checkmark	\checkmark		
	285 x 570mm	14.62	90	\checkmark	\checkmark	\checkmark		\checkmark		\checkmark	\checkmark		
	432 x 570mm	12.8	52		\checkmark	\checkmark				\checkmark	\checkmark		
	570 x 570mm	14.62	45	\checkmark	\checkmark	\checkmark		\checkmark		\checkmark	\checkmark		
-	855 x 570mm	11.7	24	\checkmark	\checkmark	\checkmark		\checkmark		\checkmark	\checkmark		
١F	1140 x 570mm	14.94	23		\checkmark	\checkmark				\checkmark			
	Project Pack	13.65	55*	\checkmark									
	Project Pack	7.3	38**		\checkmark	\checkmark				\checkmark			

*13.65m² Project pack contains 15no 285 x 285mm, 15no 285 x 570mm, 13no 570 x 570mm, 12no 855 x 570mm **7.3m² Project Pack contains 12no 285 x 285mm, 13no 285 x 570mm, 13no 570 x 570mm 10mm Joint included in sizes

Project packs - Use laying guide Plan B, see page 73

Single packs - Use laying guides Plans A, B, E, F & H, see pages 73, 73, 74, 74 & 75

SANDSTONE COLLECTION GARDENSTONE

Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

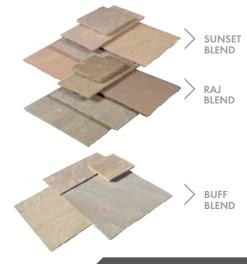
Specifically designed with quality and value for money in mind. Hand cut Sandstone paving that will add warm tones and texture to both traditional and contemporary surroundings.

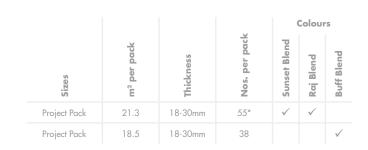
1



Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

SANDSTONE GARDENSTONE PAVING





*21.3m² Project Pack contains 18no 285 x 285mm, 18no 285 x 570mm, 16no 432 x 570mm, 16no 570 x 570mm, 16no 855 x 570mm 18.5m² Project Pack contains 16no 300 x 300mm, 16no 300 x 610mm, 15no 610 x 610mm, 15no 910 x 610mm 10mm Joint included in sizes

For 21.3m² Project Pack use laying guide Plan E, see page 74

SANDSTONE COLLECTION STEPPING STONES AND EDGINGS

2

Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

Decorative, individual stepping stones can create a beautifully simple and natural looking pathway for your garden. Stone edging will complement and add an attractive finish to a number of designs; add extra detail by bordering a pathway or accenting an aspect of your garden design such as a feature flower bed. Our collection is extremely versatile; consider laying the edging flat to create a delightful low feature wall.

1



Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

SANDSTONE STEPPING STONES AND EDGINGS

>
>
>

MINT

YORK GREEN

MODAK ROSE

EDGINGS MINT YORK GREEN					c	olours	5
MODAK ROSE BULLNOSE EDGINGS MINT	Product	Sizes	Thickness	Nos. per pack	Modak Rose	York Green	Mint
YORK GREEN	Edgings	560 x 140mm	25-40mm	100	\checkmark	\checkmark	\checkmark
MODAK ROSE	Bullnose Edgings	560 x 140mm	32mm	50	\checkmark	\checkmark	\checkmark
STEPPING STONES	Stepping Stones	Random*	22mm	50	\checkmark	\checkmark	\checkmark

*Cut from a 432 x 570mm piece of paving The sizes stated are actual dimensions

SANDSTONE COLLECTION FEATURES

Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

The natural beauty of stone continues to delight our visual senses and striking decorative pieces and features are a key trend for 2015.







3.6



Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

SANDSTONE FEATURES

			Colours				
Product	Sizes	Nos. per pack	Rainbow	Classic	Granite		
Obelisk Drilled Water Feature	1000mm Tall, 400 x 400mm Base	1	\checkmark				
	200mm	10	\checkmark				
	300mm	4	\checkmark				
Sandstone Sphere	400mm	4	\checkmark				
	600mm	1	\checkmark				
	300mm	4	\checkmark				
Sandstone Drilled Sphere	400mm	4	\checkmark				
	600mm	1	\checkmark				
Sandstone Concaved Sphere	400mm	2	\checkmark				
Sanasione Concaved Sphere	600mm	1	\checkmark				
Bench	450 x 1200 x 400mm	1		\checkmark	\checkmark		

The sizes stated are the actual dimensions

SANDSTONE COLLECTION DRIVEWAY AND PATHWAY SETTS

3.7

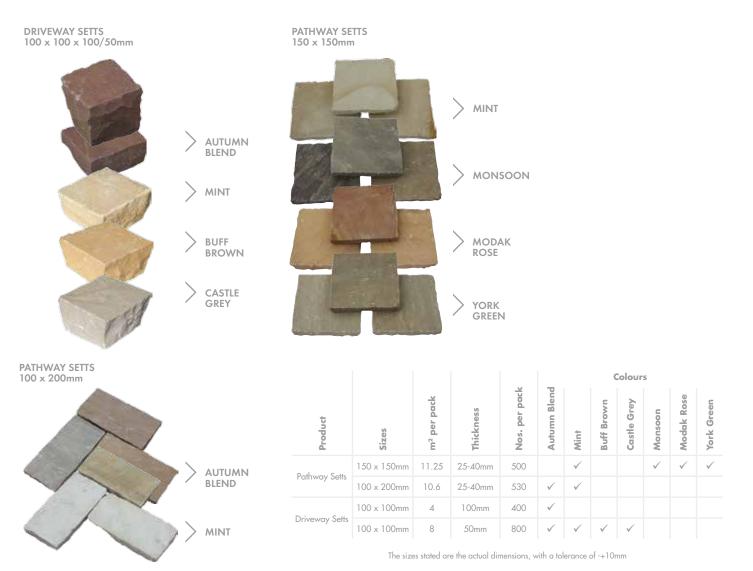
Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.

Laying a path or driveway from your house to the street creates a beautiful visual statement that welcomes and draws the eye towards your home. These versatile setts, available in a variety of colours and sizes, can be used to great effect to create curves charming features and unique designs.



Our most popular collection, which incorporates a wide range of colours, sizes and features to create inviting indoor and outdoor living spaces.





COASTAL COLLECTION PAVING

3.3

A beautiful new collection for 2015 which captures the cool, calming hues of the seashore.

Finest sandstone paving with a riven texture that will effortlessly create a stylish outdoor living space suitable for both modern and traditional gardens.



A new collection available in our popular mixed size project packs to create inviting indoor and outdoor living spaces.

COSTAL PAVING



CLAY PAVERS COLLECTION

4.K

Ideal for cottage style gardens, use to create a clay paver pathway leading through beautiful colour filled flower beds or towards an inviting wooden front door.

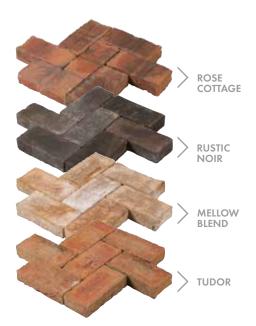
They can be used for traditional pathways or alongside our sandstone paving to add interesting detail whilst maintaining a classic structured feel.

1



Ideal for cottage style gardens, use to create a clay paver pathway leading through beautiful colour filled flower beds or towards an inviting wooden front door.

CLAY PAVERS



					Cold	ours	
Sizes	m² per pack	Thickness	Nos. per pack	Rose Cottage	Rustic Noir	Mellow Blend	Tudor
200 x 90mm	14.4	50mm	800		\checkmark		
210 x 100mm	16.8	50mm	800			\checkmark	
210 x 100mm	15.12	50mm	720	\checkmark			\checkmark

The sizes stated are the actual dimensions

5.1

Available in a striking array of colours granite is not only beautifully eye-catching but extremely hard wearing, making it a natural choice for driveways and pathways.

A smart border, geometric patterns, or the more traditional herringbone and basket weave designs will all look impressive. Attractive, durable and available in a variety of cobbles and setts there are infinite design possibilities.

1

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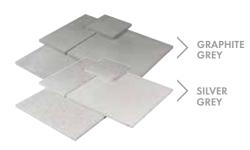
Granite Paving - Silver Grey
 Granite Cobbles - Polar Sun

- 1. Granite Paving Silver Grey
- 2. Granite Setts Silver Grey

3. Granite Paving - Graphite Grey & Silver Grey

Available in a striking array of colours, granite is not only beautifully eye-catching but extremely hard wearing, making it a natural choice for driveways and pathways.

GRANITE PAVING

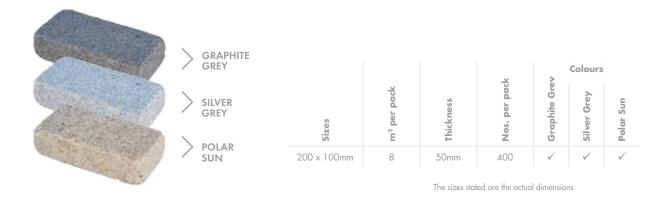


Sizes	m² per pack	Thickness	Nos. per pack	Graphite Grey	Silver Grey
305 x 305mm	13.4	25mm	144	\checkmark	\checkmark
305 x 610mm	13.4	25mm	72	\checkmark	\checkmark
610 x 610mm	13.4	25mm	36	\checkmark	\checkmark
915 x 610mm	13.4	25mm	24	\checkmark	\checkmark

10mm Joint included in sizes

Use laying guides Plans F & G, see pages 74 & 75

GRANITE COBBLES



GRANITE SETTS





PETROUS COLLECTION

Petrous is our newest product range launched last year. This beautiful smooth hard wearing porcelain collection is perfect for contemporary designs. With its consistent colour variation and easy to clean qualities it makes it ideal for creating elegant seamless indoor-outdoor living spaces; a truly flexible solution to modern day living.

Due to the popularity of this range we are pleased to launch a new exciting premium range for 2015 which offers a range of additional colours and a modern new wood look finish.





PETROUS PORCELAIN 600 x 600mm

PRODUCT INFORMATION

Petrous is our newest product range launched last year. This beautiful smooth hard wearing porcelain collection is perfect for contemporary designs. With its consistent colour variation and easy to clean qualities it makes it ideal for creating elegant seamless indoor-outdoor living spaces; a truly flexible solution to modern day living.

PETROUS PORCELAIN

PETROUS PREMIUM PORCELAIN 600 x 600mm



PETROUS PREMIUM PORCELAIN 600 x 600mm & 600 x 1200mm



PETROUS PREMIUM PORCELAIN 400 x 1200mm



	>	SABBIATA SCINTILLA DORATA TERRASANTA				>	ANT WHI MYS ASH	EAT STIC	\CITE														
ELAIN 0mm													Colo	urs									
ELAIN	>	LUNA	Product	Sizes	m² per pack	Thickness	Nos. per pack	Sabbiata	Scintilla	Dorata	Terrasanta	Luna	Albero Silvered	Albero Oak	Albero Chestnut	Anthracite	Wheat	Mystic	Ash				
_								600 x 600mm	21.6	20mm	60	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark							
	>	ALBERO	Petrous Premium Porcelain	600 x 1200mm	43.2	20mm	60					\checkmark											
	*	SILVERED ALBERO		400 x 1200mm	46.08	20mm	96						\checkmark	\checkmark	\checkmark								
		OAK ALBERO CHESTNUT	Petrous Porcelain	600 x 600mm	23.04	20mm	64									\checkmark	\checkmark	\checkmark	\checkmark				

The sizes stated are the actual dimensions

7.1

TRAVERTINE COLLECTION PAVING

Ideal for both internal and external use, the warmth and richness of tumbled travertine is unmistakable.

A natural stone full of character and aged charm, with a timeless appeal that will look beautiful for many years to come.

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1. Travertine Antiqued Paving - Warm Walnut

2. Travertine Antiqued Paving - Pewter

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3. Travertine Antiqued Paving - Cappuccino

Contrast Color

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Travertine Antiqued Paving - Warm Walnut
 Travertine Linear Paving - Warm Walnut

M.M.

Ideal for both internal and external use, the warmth and richness of tumbled travertine is unmistakable.

TRAVERTINE ANTIQUED PAVING



					Colours
Product	Sizes	Thickness	Nos. per pack	Finish	Classic Light
Project Pack	1.48m ²	12mm	12*	Tumbled/Unfilled	\checkmark
Project Pack	1.48m ²	12mm	12*	Honed/Filled	\checkmark

*1.48m² Project pack contains 4no 205 x 205mm, 2no 205 x 410mm, 4no 410 x 410mm, 2no 410 x 615mm The sizes stated are the actual dimensions

TUMBLED/ UNFILLED CLASSIC LIGHT SLATE COLLECTION PAVING AND COBBLES

8.1

A traditional material that effortlessly suits both modern and traditional dwellings.

Slate paving can make a rustic or contemporary statement in kitchens, hallways and bathrooms depending on the design. Externally it can have striking contemporary impact in a courtyard garden. Our slate cobble paving is as durable as it is attractive and is ideal to create a unique driveway that will look beautiful for many years to come.

in the

3



Slate Cobbles - Ocean Green
 Slate Paving - Rustic

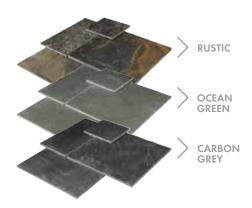
1

J.



A traditional material that effortlessly suits both modern and traditional dwellings.

SLATE PAVING



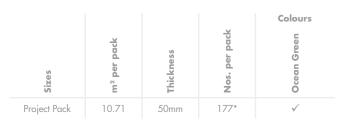
				C	S	
Sizes	m² per pack	Thickness	Nos. per pack	Rustic	Ocean Green	Carbon Grey
Project Pack	14.70	18-21mm	50*	\checkmark	\checkmark	\checkmark

*Project pack contains 14no 305 x 305mm, 12no 305 x 610mm, 12no 610 x 610mm,12no 610 x 915mm 10mm Joint included in sizes

Use laying guide Plan G, see page 75

SLATE COBBLES





*Project pack contains 41no 150 x 200mm, 57no 200 x 200mm, 38no 200 x 300mm, 41no 300 x 400mm 10mm Joint included in sizes

Use laying guide Plan D, see page 74

MARBLE COLLECTION PAVING

9.1

The detailed colour veining and distinct smooth surface of marble make it both instantly recognisable and a popular choice for both indoor and outdoor use.

A timeless classic that will add a stylish elegance to your home and garden.

1. Marble Paving - Morning Mist

PRODUCT INFORMATION

MARBLE PAVING

Sizes	m² per pack	Thickness	Nos. per pack	Colours tsiW Guina W
Project Pack	7.2	30mm	60*	\checkmark

*7.2m² Project pack contains 20no 200 x 200mm, 10no 200 x 400mm, 20no 400 x 400mm, 10no 400 x 600mm The sizes stated are the actual dimensions

Use laying guide Plan C, see page 73

YORKSTONE COLLECTION PAVING

9.

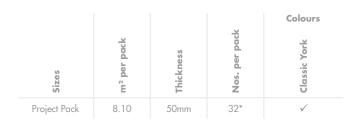
A traditional, timeless hard-wearing British stone that has been used for decades.

Modern diamond sawn paving techniques provide an easy to lay product that reflects the long and ancient history of this beautiful product. Today Yorkstone remains a popular choice for both contemporary and traditional designs.

PRODUCT INFORMATION

YORKSTONE PAVING

A March



*8.10m² Project pack contains 6no 300 x 450mm, 12no 450 x 450mm, 6no 600 x 450mm, 8no 900 x 450mm The sizes stated are the actual dimensions 1

1. Yorkstone Paving - Classic York

10.1

1

LIMESTONE COLLECTION GOLDEN GLORY AND NEPTUNE PAVING Limestone, an ageless material with natural texture, has been favoured by architects and designers for generations. Our collection will suit both contemporary and traditional settings alike.

Golden Glory and Neptune provide elegant subtle shading for a classic timeless appearance both indoors and outdoors.

1. Limestone Paving - Neptune

2. Limestone Paving - Golden Glory



Limestone, an ageless material with natural texture, has been favoured by architects and designers for generations. Our collection will suit both contemporary and traditional settings alike.

LIMESTONE PAVING

				Colo	ours
Sizes	m² per pack	Thickness	Nos. per pack	Neptune	Golden Glory
Project Pack	7.2	30mm	60*	\checkmark	\checkmark

* 7.2m² Project pack contains 20no 200 x 200mm, 10no 200 x 400mm, 20no 400 x 400mm, 10no 400 x 600mm The sizes stated are the actual dimensions

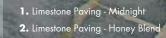
Use laying guide Plan C, see page 73

LIMESTONE COLLECTION MIDNIGHT AND HONEY BLEND PAVING

2

Limestone, an ageless material with natural texture, has been favoured by architects and designers for generations. Our collection will suit both contemporary and traditional settings alike.

The natural quarried look of Honey Blend, laid in smart coursed lines gives striking results, while Midnight offers an elegant sophistication which mellows to a chic grey over time.



LIMESTONE COLLECTION CATHEDRAL PAVING

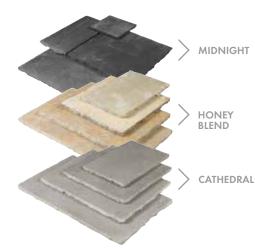
Limestone, an ageless material with natural texture, has been favoured by architects and designers for generations. Our collection will suit both contemporary and traditional settings alike.

The time worn elegance of Cathedral will give a stylish look to your patio, providing the perfect backdrop for creative planting or garden furniture.

PRODUCT INFORMATION

Limestone, an ageless material with natural texture, has been favoured by architects and designers for generations. Our collection will suit both contemporary and traditional settings alike.

LIMESTONE PAVING



				Colours				
Sizes	m² per pack	Thickness	Nos. per pack	Midnight	Honey Blend	Cathedral		
Project Pack	13.65	25-40mm	55*	\checkmark				
Project Pack	14.18	25mm	60**		\checkmark			
Project Pack	9.46	22mm	40***			\checkmark		

*13.65m² Project pack contains 15no 285 x 285mm, 15no 285 x 570mm, 13no 570 x 570mm, 12no 855 x 570mm **14.18m² Project pack contains 15no 300 x 450mm, 15no 450 x 450mm, 15no 600 x 450mm, 15no 750 x 450mm ***9.46m² Project pack contains 10no 300 x 450mm, 10no 450 x 450mm, 10no 600 x 450mm, 10no 750 x 450mm The sizes stated are the actual dimensions, apart from Midnight which has10mm joint included.

1. Limestone Paving - Cathedra

For 13.65 Project Pack use laying guide Plan B, see page 73

11.1

GLOBAL STONE PAVING GROUT

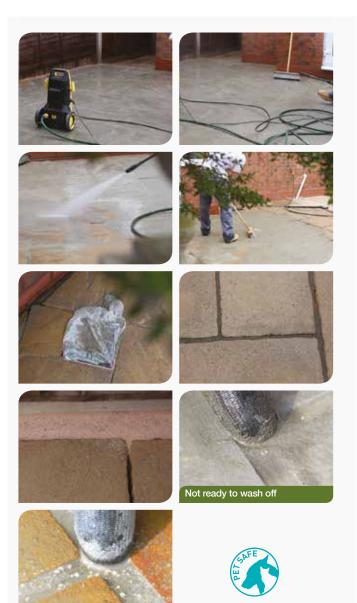
HOW TO USE

- 1) Before you begin work with Global Paving Grout, take a look at our coverage guide to ensure you have enough to complete the task. It is very important to bear in mind that this is a very quick setting product, designed as such to allow grouting of bigger areas in quick time. You must be aware that hotter temperatures will mean a much quicker set. Be vigilant throughout, and use your finger to test when it is ready to wash off the surface. If Global Paving Grout sets on the surface of your paving it will be very difficult to remove.
- 2) Global Paving Grout can be applied in all weathers but we'd advise you avoid heavy downpours, and bear in mind temperature will affect setting time. The warmer it is, the quicker it will set, and the quicker you will have to start washing off the paving surface.
- Prepare your paving by removing all weeds and debris to make the surface as clean as possible and rid it of any pooled water.
 Please ensure that you do not wash this product down your drains.
- Pre-soak the surface with a hose or pressure washer and keep damp throughout the application process with a soft spray of water when required.
- 5) Once you are ready to mix the grout, consider that you should only mix as much as you can apply in 5-10 minutes. Do take a moment to look at our working times guide on the tub for advice.
- 6) For small areas, mix the required grout in a separate small tub with water take no longer than 3-5 minutes.
- 7) Never attempt to re-mix Global Paving Grout or add more water after the initial mix.
- Keep pets indoors to prevent your grouting being trodden on before it has set.
- If using the entire tub of grout, mix with 3.4 litres of water until you get a free flowing, smooth consistency.
- 10) Pour the grout onto the target area immediately after mixing.
- 11) Using a stiff brush, constantly move the grout around the paved area and work into the joints.
- 12) Our unique grout means you can cover the entire surface without individual pointing - you may wish to repeat the process if you see any shrinkage.
- Remove as much grout from the pavement surfaces as possible with your stiff brush.
- 14) Treat yourself to a well-earned cup of tea. After no more than 15-20 minutes* after application, clean the paving with copious amounts of water and a coarse brush, leaving the paved surface free from grout.

*This is the maximum time you can expect in ambient conditions – it does not necessarily mean that you should wait a full 15-20 minutes. In hotter temperatures Global Paving Grout can start setting after 5 minutes.







Visit www.globalstonepaving.co.uk to locate your nearest stockist.

dy to wash off

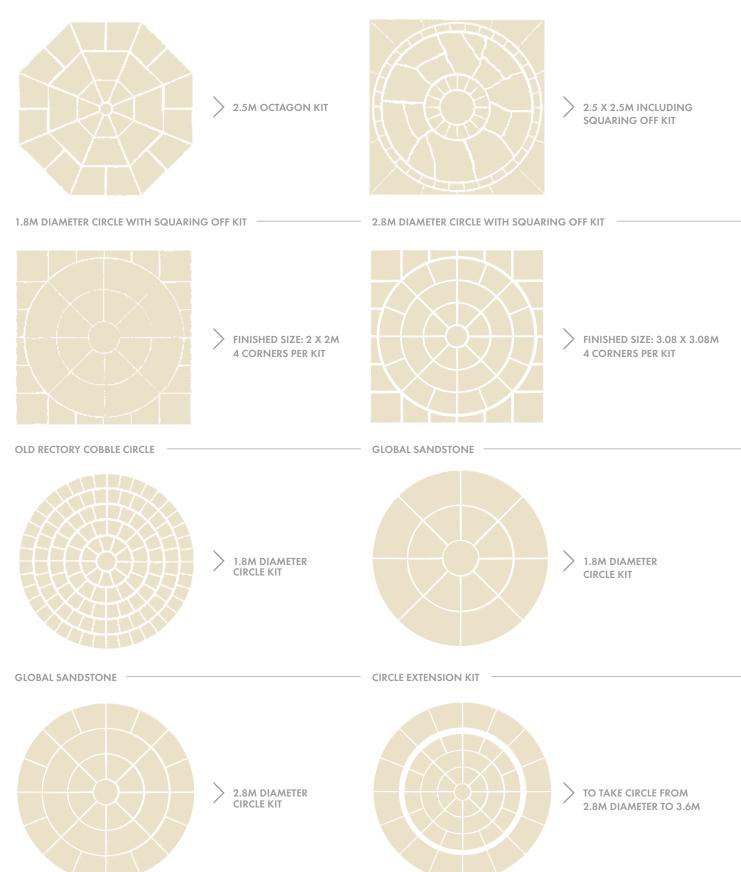
LAYING GUIDES SANDSTONE FEATURE DESIGNS

A guide to the sizes and designs of Sandstone features in the Global Stone Paving Collection.

These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.

GLOBAL SANDSTONE OCTAGON

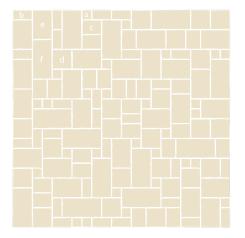




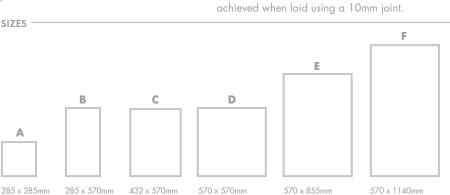




These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.



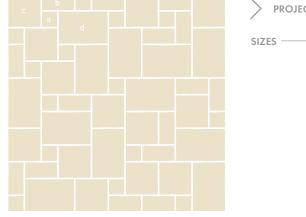
SINGLE SIZE PAVING LAYING PLAN The product sizes and coverage stated are those achieved when laid using a 10mm joint

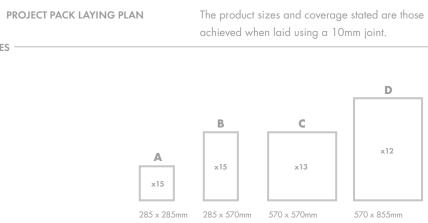


LAYING GUIDE PLAN B

Laying pattern for Old Rectory, Midnight Limestone and Global Sandstone Paving 13.65m² Project Pack (four sizes).

These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.

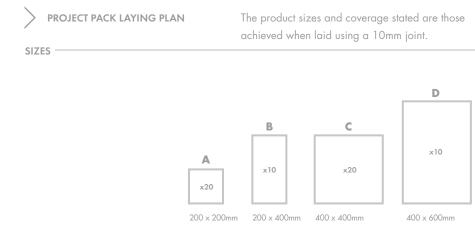




LAYING GUIDE PLAN C

Laying pattern for Morning Mist, Neptune, Golden Glory and Travertine 7.2m² Project Packs.

These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.



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LAYING GUIDE PLAN D



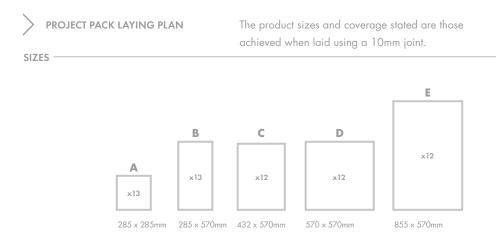
These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.



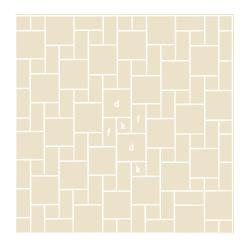
LAYING GUIDE **PLAN E**

Laying pattern for Gardenstone 15.87m² Project Pack.

These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.



LAYING GUIDE **PLAN F**



Laying pattern for three size modules.

These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.

THREE SIZE MODULES LAYING PLAN

The product sizes and coverage stated are those achieved when laid using a 10mm joint.

285 x 570mm







570 x 570mm or 610 x 610mm

285 x 285mm or 305 x 610mm or 305 x 305mm

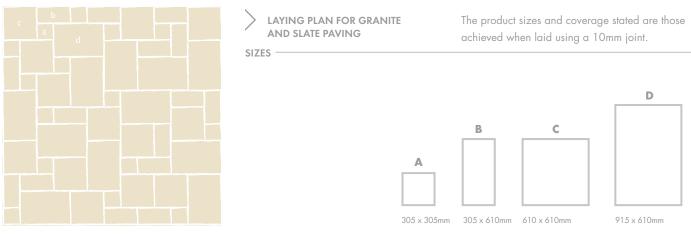


LAYING GUIDE

PLAN H

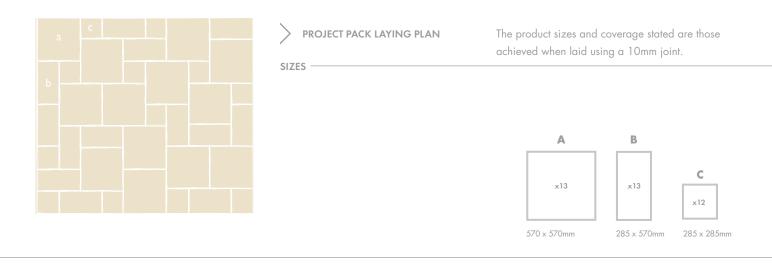
Laying pattern for Global Granite Paving.

These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.



Laying pattern for Sandstone and Mirage 7.3m² Project Packs.

These Laying Guides are illustrated examples to assist you in creating exciting and attractive designs.



LAYING GLOBAL STONE FLAGSTONES

INTRODUCTION

Global Stone supply many types of paving materials and the most suitable laying method is determined by two principal factors: the type of paving unit (eg: paving stones, setts, kerbs) and the planned use (eg: patio, driveway, roof terrace). The following information is intended as a guide to the more usual projects that are likely to be undertaken by the more experienced DIYer.

PREPARATION

Before laying, all products should be carefully inspected, so that time is available for products to be replaced if found to be defective. No responsibility will be accepted for any delays, re-laying or removing costs if this has not been done.

ESSENTIAL TOOLS

Professional landscapers would consider the following list of items essential for any paving project: Gloves, goggles, spade and/or shovel, wheelbarrow, brick trowel, pointing trowel, lump hammer, bolster chisel, rubber mallet, long spirit level, string line, line pins or stakes, soft brush, tape measure, straightedge timber, small cement mixer, plate compactor ('wacker' plate) and an angle grinder. However, it would probably be more appropriate for a DIYer only planning a single project at home to hire the larger, powered equipment.

SETTING-OUT

Paving should be laid at a level that is at least 150mm below the damp proof course (DPC) of any adjacent building except where level access is required at a doorway (eg: for disabled access). If working against a building, it may be possible to use the horizontal brickwork jointing as a guide to level. Alternatively, a taut string line or a temporary chalk line can be used as a guide.

FALLS

All paving must be drained. This is usually achieved by sloping the paving in one direction or another to direct the surface water towards a suitable disposal point, which might be a gully, a linear drain, or the edge of the garden. Whenever possible, surface water is directed away from any buildings. The riven texture of many natural stone paving materials means that water can sit on the surface more easily than might be the case with some manufactured paving materials. Consequently, it's recommended that natural stone paving should be laid to a fall of not less than 1:60 - this means that for every 60 measure along the paving, there is a drop (or a rise) of at least 1 measure. This might be 1 cm in 60 cm or 1 metre in 60 metres: all these generate a fall of 1:60. For ease of calculation, 1:60 means a fall of 17mm per metre. When determining levels away from a building, a taut string line set between driven ranging stakes is a good guide to both level and alignment. The simplest way to create an accurate perpendicular (90° or right angle) line from a building is to use a 3-4-5 triangle.

BASE

All paved areas, whether they be used as driveways, paths or terraces, require a stable base. The depth/strength requirement of this base varies according to the planned use of the paved surface. For example, a private driveway will require a base layer of concrete at least 100mm thick, and this may need to be spread over a strengthening layer of compacted stone or hardcore, whilst a mortar bed approximately 50mm thick, laid directly onto firm ground could be sufficient for a lightly trafficked walkway. Every project site is different and a judgement will have to be made at the start of the project as to the long term stability of the existing ground. Please bear in mind that it is always best to err on the side of caution and lay a stronger base at the outset, than have to lift and reinstate a sunken area in the future.

GLOBAL STONE TYPES OF PAVING

Global Stone supply two different types of paving; variable and calibrated thickness. We carefully select the variable thickness paving to ensure the natural variation is not excessive, so most of these paving stones will have a thickness of 25-40mm. The calibrated paving has been processed to a uniform thickness of 20-25mm depending on the type of product.

This difference dictates on how the paving is best laid. The variable paving needs to have each stone's bed prepared individually to accommodate their slight difference in depth, while the calibrated paving can be laid onto a larger area of pre-levelled (landscapers call it 'screeded') bed. We find that best results are obtained when our paving is laid onto a bed of coarse sand and cement, though on projects involving variable thickness paving, some professionals like to incorporate a small percentage of soft building sand to aid the pliability of the mortar mix and increase its adhesive properties. Using a small mixer, put a half bucket of clean water into the empty drum. Add four or five shovelfuls of coarse sand and one shovelful of cement. Allow this to mix, and then add another four or five shovelfuls of sand and a further shovelful of cement.

Let this turn over for a couple of minutes, by which time the cement should be completely stirred through the sand, creating a uniform colour. The mixture should be damp, but not wet, creating what we call a 'moist mix'. The exact amount of water added will vary with the dampness of the sand, but the end mix should be damp enough to cling together when squeezed into a ball, but no water should dribble out when squeezed. When mixed, this bedding material has a working life of approximately one to four hours, depending on the time of year. It is best practice to only mix as much material as you can be sure of using in about one hour.

VARIABLE THICKNESS PAVING

Use a shovel or a brick trowel to spread the freshly-mixed bedding material in a layer that is roughly 25-40mm thick and extends over an area just larger than the paving stone that is to be laid. Ripple the surface of the bed so that there is some 'give' when the paving stone is placed. Position the stone, allowing for the appropriate joint thickness, and tap it down to the correct fall with a rubber mallet, checking the level with a spirit level.

CALIBRATED PAVING

The technique known as 'screeding' is used to prepare the bed for calibrated paving. Use a shovel to spread the freshly-mixed bedding material over the area, large enough for several paving stones in a layer that is roughly 40-60mm thick, and pat it with the back of the shovel to lightly compact it. It is important to use 'not too much' of the bedding, because it has to be scraped off, using a long, straight board to remove the excess bedding material, leaving a smooth and level surface onto which the paving can be placed. To achieve the correct level for the screeded bed, a reference level is required. This might be an existing edge (or kerb or edge course) or it can be a 'rail' set at the level of the underside of the paving.

GLOBAL STONE PAVING ON DRIVEWAYS

Although best suited for patios and pathways, Global Stone paving can be used for light-use driveways. The paving will need to be laid onto a bed of concrete that is at least 100mm thick, and this may need to be laid over a sub-base (strengthening layer) of crushed stone or hardcore. The paving can be directly bedded onto the fresh concrete, as described earlier, but contractors often prefer to separately place the concrete and allow it to set before bedding the paving onto a mortar bed spread over the hardened concrete.

LAYING PATTERNS

Global Stone Paving is normally laid in one of three arrangements: stack bond (like a chess board), coursed (where the paving is laid in lines or courses of the same width) or random. Stack bond needs paving stones of a matching size, while coursed layouts rely on the paving stones sharing a common width whilst their lengths vary. Random layouts mix units of various lengths and widths and are generally considered to be the most attractive layout for patios and driveways.

HANDLING THE PAVING

Paving stones can be heavy and cumbersome so take care when handling them. As a rough guide, any paving stone 570 x 570mm or larger is best handled by two people, stood on one edge and carefully lowered into position. Smaller paving stones can be lifted into place by one person.

It is important to note that paving stones have a definite 'face' and a 'base'. This means that there is a right way up, and a wrong way. The 'face' on all Global Stone hand cut sandstone paving has four neatly trimmed edges and the sides taper inwards towards the base (ask for help if you are unsure). Although the paving will not break or fall apart if laid upside-down, the face has been specifically chosen to present an attractive, safe surface that shows off the natural beauty of the stone. The base may be more uneven and unattractive, and laying upside-down will definitely result in joints that are much wider than normal.

At the outset of the project, think about how the paving will be jointed. In most cases, a joint width of 8-15mm is used, our suggested layouts allow for an average joint of 10mm, with the joint being filled with a mortar or other pointing material. However, some people prefer to use narrow joints (sometimes referred to as 'butt-jointing') which rely on 2-5mm wide joints that are filled with Kiln Dried Sand.

COMPACTING THE PAVING

Ideally, when first positioned, the paving will sit approximately 6-12mm proud and will need to be knocked down to the correct level. This steadies the paving, ensuring it lies flat and is evenly supported, as well as 'keying' it into the bedding material.

Once the paving is in the correct position (remembering the chosen joint width), it should be tapped down using a rubber mallet until it is at the correct level. Aim the blows at imaginary points that are halfway between the centre and each corner of the paving stone, and use firm but not heavy blows to 'persuade' the stone down to the desired level. If the flagstone refuses to go down to the level, then it is better to lift the stone, scrape out some of the excess bedding and re-lay rather than risk breaking the stone by hitting it with too much force. However, if the paving stone goes down too far, it will have to be lifted and extra bedding added to the existing bed.

CHECKING THE LAID PAVING

Once laid, paving stones should be stable (ie: they should not 'rock' from corner to corner) and there should not be any dangerous 'lips' between adjacent units. Some smaller paving stones (285 x 285mm) can be awkward to stabilise due to their size. Using a slightly wetter bedding mix will usually overcome this problem by causing the paving stone to adhere to the bed. When checking levels and surface profile regularity, use a long spirit level or a straight-edged length of timber to ensure adjacent paving stones are relatively level, with no high spots or hollows. If there is any doubt, correct the problem at this stage - it is much easier to put it right now, before the joints are filled.

LAYING GLOBAL STONE SETTS

Setts are usually laid one-at-a-time to accommodate the slight variation in thickness that is found with many natural stone paving products. The setts should be laid onto a bed of mortar or concrete and 'keyed' in by gently tapping to level in a similar fashion to the variable thickness flagstones.

For pathways and light-use patios, the setts can be laid onto a 40-75mm thick bed. Driveways or areas subject to heavier use will need to be constructed using a 100mm thick bed of concrete, and it may be necessary to include a sub-base (strengthening layer) of selected crushed stone or hardcore. The bedding mortar described above for use with paving stones, can be used to lay setts into patios and along pathways, but for driveways, a concrete comprising four measures of 10-14mm chippings with two measures of coarse sand and one measure of cement should be used.

LAYING PATTERNS

Setts are normally laid in one of three arrangements: stack bond (like a chess board), coursed (where the stones are laid in lines or courses of the same width) or decorative. Stack bond needs setts of all one plan size, while coursed layouts rely on the stones sharing a common width but various lengths. Decorative layouts include complex patterns such as fans, arches and bogens - these patterns can be difficult to lay and are usually best left to specialist contractors.

PLACING THE SETTS

Stacked or coursed layouts are laid using a taut string line as a guide to both level and alignment. The bedding material is roughly graded using a shovel, laying out sufficient material to support a linear course of 2-4m of setts to be laid. It is levelled out using a trowel, and each sett is individually placed, aligned and compacted using a rubber mallet, before placing the next. Ideally, when placed, each sett should be 10-20mm proud of the desired level, so that it can be tapped down using the mallet, embedding the set into the mortar or concrete in the process. Using a short piece of 10mm timber can help ensure regular joint widths are maintained between the somewhat rough hewn edges of the setts.

This rough hewn texture can make sett laying quite a challenge. To improve the final appearance, a tip is to lay the forward edge of the setts to a taut string line, allowing any variation in width to be taken up by the joint created between the newly laid setts and those of the preceding course.

CHECKING THE LAID SETTS

Working to a taut string line ensures the setts are fairly accurately positioned for alignment and level. The riven texture can result in unexpected high spots or hollows within a course, so it is essential that the surface level is regularly checked using a long spirit level or a timber straightedge, and any problems corrected before proceeding. It is a good idea to check in both directions, along the courses (transverse) and across several courses at a time (longitudinal), as well as standing back and visually assessing the laid setts from several positions.

LAYING GLOBAL STONE COBBLES

The calibrated thickness of the Global Stone Granite Cobbles allows the landscaper to lay them onto a screeded, bed prepared in the same way as for the calibrated flagstones. As with the small setts, these small pavers will need to be laid onto a mortar bed suited to the proposed use of the finished surface, (ie: 40-75mm in light pedestrian areas, but increasing to 100mm with the possible addition of a compacted sub-base in tougher driveway conditions).

CUTTING AND JOINTING OF PAVING MATERIALS

CUTTING PAVING

Paving stones are best cut using a power saw or angle grinder, fitted with a diamond blade specifically rated for cutting stone (or concrete). These can be hired locally and the hire depot will provide you with full instruction on how to use them safely. Bear in mind that saw cutting of stone generates lots of harmful dust. Ask the hire depot about a water suppression kit to dampen down the dust and make sure you wear a suitable dust mask and safety eyewear.

Smaller paving units, such as setts, can also be cut using a bolster or pitching chisel. Make sure eye protection is worn as small scalpings or shards are likely to fly up when the stone is struck. Align the bolster on the face of the set where the cut is required and strike firmly with a lump hammer. It may take several blows to break the stone and it may be necessary to trim the cut edge in order to make it fit the gap.

JOINTING

The joints between paving units can be filled with various materials. Traditionally, most paving and setts would be jointed (or pointed) with a sand/cement mortar. While this is still a popular option, it can be slow and messy, especially if you are not familiar with pointing techniques. Happily, there are alternative strategies that might be suitable for your project.

MORTAR JOINTING

This traditional method uses a strong mortar (four parts sand to one part cement) to fill the joint. The mortar should be mixed in small quantities, say one 25kg bag of sand at a time, because pointing is a slow process and the mortar has a fairly short working life (20-60 minutes depending on time of year).

The same coarse sand used for the bedding, though the softer 'building sand' gives a smoother, more adhesive mortar and is generally considered to be easier to work.

The mortar should have a workable but flowing consistency, something akin to the mix for a rich fruit cake, and able to stand in 'peaks' without slumping too much. Adding a plasticiser to the mix water makes the mortar far more workable. It is worth noting that some bags of cement contain a built-in plasticiser, so there is no need to add one to the mix water - check the packaging on your cement.

POLYMERIC JOINTING MATERIALS

This group of products is a modern development, and despite being somewhat costly when compared to traditional mortar, they are much, much faster. The polymeric mortars are made from selected sand mixed with a special resin that starts to harden when exposed to the air or to moisture. The products are simply brushed into the joints, any excess is swept off the surface of the paving, and in 12-24 hours, the material will have hardened to form a perfect joint.

KILN DRIED SAND

This is only used with narrow joints, (less than 5mm), and caution is required before opting for this style of jointing material because the sand is likely to be washed out by wind and/or rain over time, as well as the risk of it providing the ideal home for weeds and mosses. This technique can only be used when the surface of the paving is dry. The sand is supplied in plastic bags to ensure it remains dry and free-flowing. A bag is emptied onto the dry surface of the paving and simply swept into the joints using a soft brush.

HISTORICAL INSTALLATION PRACTICES TO BE AVOIDED

'Five-Dot Paving', ie laying flagstones onto individual dots, dabs or spots of mortar is sometimes shown in older text books as a suitable method for laying paving, but it really ought to be avoided and it is no longer an approved laying technique amongst modern landscapers. There are several good reasons for this:

Firstly, it doesn't provide full and uniform support for the flagstones. Some parts are supported; others are left 'bridging' two spots, which makes them more prone to breaking.

Next, those empty spaces between mortar spots are a recipe for disaster. They allow water to pool underneath the paving, which encourages the growth of algae on the surface, but also destabilises the sub-layers, causing some of the finer material to be washed away. This, in turn, undermines those mortar spots, and the flag will start to rock, pivoting on the spots that haven't settled or shifted.

Furthermore, the spaces underneath the flagstones also provide an ideal hidey-hole for invertebrates and small mammals that will mine or tunnel through the sub-layers, again destabilising the paving and resulting in uneven settlement or broken flagstones.

Finally, with some types of flagstone, the bedding will alter the porosity of the flagstone and visibly affect the surface appearance. This is especially apparent should the Global Sandstone flags be laid in this manner.

SEALING YOUR PAVING

Many homeowners choose to seal their new paving to protect it from accidental staining and to reduce the risk of allowing algae and lichens to establish themselves on the surface and joints, discolouring the paving and masking the natural beauty of the completed work.

There are many different sealants on the market, providing different finishes and often changing the appearance of the paving. High gloss sealants rarely look 'natural' and can sometimes make the treated surface slippery and unsafe. Polyurethane sealants are best suited to concrete block paving rather than natural stone. If you intend to seal your paving, make sure it is completely dry and free from efflorescence. It may take a period of time to ensure that the bed underneath has fully dried out. Always use a quality natural stone sealer and follow the manufacturer's instructions.

POST INSTALLATION GUIDELINES

There are also specific sealants for specific stones. Sandstone is often more porous than, say, granite, and so some manufacturers offer sealants designed to suit the characteristics of individual stone types. These are often very good quality products, but invariably expensive (cost of treatment in excess of £5 per square metre).

One of the best products for many types of stone is Lithofin MN StainStop. This is a top quality sealant suitable for use both indoors and out, and will protect your paving for two-five years depending on how heavily used it might be. For those that prefer the richer colours that appear when paving is damp, Lithofin MN Colour Impregnator will give a permanent damp look and can be applied before using the StainStop sealant. Apply sparingly: it is better to build up the 'damp look' to the desired level in a series of stages rather than overdo it in one application and find that the effect is 'too much'. Once a satisfactory 'damp look' has been achieved, it can be 'fixed' by applying one or two coats of the StainStop.

As with any surface treatment, the finished effect will depend on a collection of factors such as stone type and condition, but also on less obvious factors such as whether it is in a shady or sunny position, so it's a good idea to try out the treatment in an out-of-the-way corner before treating the whole patio or driveway. Obviously, all paving should be in pristine condition prior to sealing. There is little sense in sealing in stains and empty joints, and so preserving them for several seasons more. Prior to sealing, the paving should be thoroughly cleaned, and checked for any defects. Ensure joints are full and that there are no loose pavers or flagstones. Because faults and minor defects rarely show up straight away with new paving, as well as the possibility of efflorescence developing on a small number of installations, it is strongly recommended that all paving is left untreated for at least six weeks. Sealing immediately upon completion tends to seal-in problems and make them much more difficult to rectify.

It's essential that the paving is completely dry before applying colour enhancers and/or sealants, and so it is never a good idea to attempt sealing during the damper, cooler months of October to April. Try to choose a time when there have been at least two days without rain or precipitation, and remember that users will not be able to access the paving for several hours following sealing. Also, avoid breezy days when there is a risk of dust and detritus being blown onto the freshly sealed surface.

If using a colour enhancer/impregnator, this must be done FIRST. It is not possible to enhance the colour of a newly-sealed driveway. Follow the manufacturer's instructions to the letter. Don't cut corners, and if it says to leave off any further treatments for two hours, make sure it really is at least two hours. On those occasions when sealant treatments go wrong, the manufacturers will not entertain any claim where they suspect the application procedure was not followed rigorously.

Many sealants will require two coats to achieve full cover. This is especially true with new stone and paving that has not received any other treatment. The first coat tends to soak in and coverage can be worryingly low, just a couple of square metres per litre in some cases. However, the second or subsequent coat usually goes much further, five-eight square metres per litre is not unusual, and the coverage rates reported by manufacturers often aggregate the rates for the two coats. Many sealants will dry or cure in two-six hours. Protect the paving with flutter tape, temporary fencing or barriers during this time.

A good quality sealant will usually provide three-seven years of protection before it will need re-doing. Cheaper sealants are often a false economy as they may last only one season. Generally speaking, it's a good idea to use the same type/ brand of sealant when the time comes to re-seal, so keep a record of what was used, when, and from where it was sourced.

MAINTAINING YOUR NEW GLOBAL STONE PAVING

Despite what is claimed by some suppliers and installers, there is no such thing as maintenance free paving. All paving needs a little bit of care and attention to keep it in tip-top condition. By choosing Global Stone Paving, you have started with the very best, so the maintenance requirements will be lesser than those of cheaper offerings.

WEEKLY BRUSHING

The simplest maintenance is brushing. Regular sweeping will remove detritus before it has a chance to accumulate and stain or damage the paving. Autumn leaves may look stunning on the trees, but when they fall and land on the paving, they may stain if allowed to lie there over the winter. This is even more important for berries, hips, drupes and other fruits. Remove these as soon as they are spotted.

STAINS

Where stains have occurred there are many and varied proprietary products that are claimed to be the perfect cleaning solution. However, care is required as some of these cleaning products, particularly those that are based on, or include hydrochloric acid, can damage the paving surface, making worse the existing stain, or even create a whole new stain! As with all surface treatments, test the product on a discreet corner before using it elsewhere.

Most stains can be removed with soap and water. Hot water sometimes is more effective than cold, and many experienced cleaning contractors prefer to use a mild soap, such as those found in baby shampoos, rather than a harsh, floorcleaning type product, which may adversely affect the colouring of the stone.

POWER WASHERS

While hosing down a paved area every few weeks is unlikely to do any long-term damage to the paving, power washers can, and do, seriously damage some pavements. The force of the water exploits any minor cracks or weaknesses and blasts out loose stone or slightly weak jointing. While they can rejuvenate tired, dirty paving, regular use will often do more harm than good. If you find that your paving gets dirty very quickly (overhanging trees or close to a busy road) consider using a quality sealant to protect it rather than abrade the surface on a weekly basis with a power washer.

RUNNING REPAIRS

Regular brushing also offers the opportunity to inspect the paving for any minor defects. The jointing is the most likely element of the pavement to suffer. Cement mortars degrade over time, while sand jointing can be lost due to scour from wind and water. Lost jointing may allow damaging surface water to find its way into the sub-layers and further weaken the structure, so it makes sense to repair as soon as a problem is identified.

Cut out any damaged mortar jointing, and replace it with fresh 3:1 mortar to a depth of not less than 25mm (any less is unlikely to bond properly). Polymeric-filled joints rarely degrade or come loose, but if it was to happen, the affected area should be cut out and replaced to full depth.

Lost jointing sand is a more common defect and easily remedied by topping-up with fresh kiln dried sand. When jointing sand is repeatedly lost from a pavement, it may be a good idea to consider a joint stabiliser or even a sealant to 'fix' the jointing in place once and for all.

ALGAE, MOSSES AND LICHENS

Where lichens (black spots) and/or algae (green discolouring) are a problem, regular swilling of the surface using a weak bleach is often beneficial. Wet the paving first, then apply diluted bleach via a fine rose from a watering can, and allow 10-20 minutes before washing off. Don't allow the bleach to dry on the surface: wash off sooner if the surface is drying out more quickly than anticipated, and repeat the treatment. This regime has been found to be very effective at keeping algae, lichens and mosses off unsealed stone paving, without damaging the surface and at minimal cost.

EFFLORESCENCE AND PICTURE FRAMING

Efflorescence was traditionally a problem associated with concrete products but the growth in use of stone paving has seen an increased incidence of efflorescence, and efflorescence-like problems, occasionally affecting several different types of stone paving.

The phenomenon has only come to prominence in the last few years and as research into its causes is still ongoing, and given the vast collection of stone now being supplied to the residential paving market, there is no definitive answer for how it is caused. It is thought by most to be related to the porosity of the stone, which would partly explain why it affects some stones and not others. It is advisable to use light coloured or washed sands with light colour limestone, sandstone and granite paving.

Most of the problems involving discolouration and picture framing occur with relatively porous stone types (many of the sandstones plus silver-grey granite) when they have been allowed to dry out completely. Having stone sat in the summer sun causes it to lose all of its moisture content by evaporation. When it is then laid on a wet mortar bed or pointed with a wet mortar, it 'sucks in' moisture, bringing cement particles, clay fines and iron minerals with it, which are later deposited on the surface as further evaporation dries out the paving once more.

Regardless of which stone is being used and regardless of technique, it's important to remember that stone is a wholly natural product and as such there is an inherent variation in porosity, colour, texture and grain size. It's not unknown for one flagstone to discolour while its immediate neighbour remains completely unaffected. This does not mean there is a problem with the stone: it's just the way things are with natural stone paving.

While discolouration and picture framing can look unattractive when first encountered, the effect and its visual impact do lessen over time and it is quite likely that in 12 months the problem will have lessened significantly or disappeared completely. Don't be panicked into ripping up and replacing affected paving immediately. Give it time, allow nature to run its course and review the situation the following year.

TOP TIPS FOR YOUR NATURAL STONE

BELOW ARE SOME OF OUR EXPERTS' SUGGESTIONS TO HELP YOU WITH YOUR PROJECT:

- Always use a full bed of mortar under the paving, not spot bedding, as this leaves voids that can affect the performance of the paving.
- When using multiple packs of paving, randomly select slabs from each pack to give an even mix of colour shades for your project.
- Do not use acid based cleaners with natural stone as this can severely damage the paving. Mild detergents are the preferred cleaner. Take care if using power cleaners as they can damage the surface of the paving and take out the pointing.
- If you intend to seal your paving, make sure it is completely dry and free from efflorescence. It may take a period of time to ensure that the bed underneath has fully dried out. Always use a quality natural stone sealer and follow the instructions as recommended by the manufacturer.
- Natural stone for internal projects would need to be sealed and again a quality sealer should be used and all manufacturer instructions followed.
- We recommend that you visit your local stockist to view the paving as the brochure colours are only as accurate as the printing process allows. Natural stone, by its nature, has considerable colour variations which cannot always be visible in a brochure or online.
- Where indicated, the dimensions of the paving are those achieved when using the appropriate joints. This will make it easier for you to plan and order the correct quantities for your project.

GLOBAL STONE GENERAL INFORMATION

COLOURS AND SURFACE TEXTURE



The majority of the photos in our brochure have been taken with the stone being dry. The colours within natural stone will become much more vibrant when wet and will again lighten when dry.

Natural stone may develop brown markings as its natural iron content oxidises. This temporary phenomenon should disappear after a period of time. The colours shown throughout this brochure are as accurate as the photographic and printing processes allow. Prior to ordering, products should always be inspected and chosen in daylight. Colour and tonal variations will occur in natural products, no sorting of crates will be undertaken. When using several packs, flags should be blended throughout the project to produce an overall natural appearance. Ensure you purchase your requirements in one purchase as you can then mix together all the paving from all the crates. The beauty of many of the products featured results from splitting which gives a unique textured surface and colour variation in the natural product.

Sawn products like Travertine may have ingrained dust which you can leave to wear off or clean off with water and a stiff broom.

PRODUCT DIMENSIONS

As these are natural products, all dimensions are nominal and are subject to cutting tolerances in both size and thickness. The product sizes and coverage stated are those achieved when laid using appropriate joint width for the given product.

PACK SIZES

Please note some products may be subject to a minimum order. Some products are only available in Project Packs. Please check pack sizes and availability with your local stockist.

HEALTH AND SAFETY

Many of the products featured are heavy. It is recommended that items over 25kg, or those which are awkward in shape and size, should be handled by more than one person or suitable lifting equipment used.

It is suggested that gloves are worn to prevent abrasion to hands and lime burns from wet mortar. Eye protection should also be used when cutting with either chisels or rotary disc cutters. When using a rotary disc cutter, make sure a suitable diamond blade is selected. A diamond cutting blade will give a clean cut, but please use with care and get full instructions on use from your hire shop.

SUITABILITY OF PRODUCTS

Products in this brochure are suitable for domestic pedestrian and driveway applications, where indicated, when installed correctly. Please ask your stockist for guidance. For high wear applications such as roadways, shopping precincts etc, please consult your local merchant for suitable products.

INNOVATION AND IMPROVEMENT

Our policy is one of continuous improvement, innovation and development and, as such, we reserve the right to change our specification without notification. Sales are subject to the Company's terms and conditions of sale, a copy of which is available upon request.

ETHICAL TRADING POLICY

Social and environmental policies underpin our corporate responsibilities. Our suppliers are visited and monitored to ensure they are ethical in their operations, particularly with regards to labour and the environment. Visit the website for more information.

Certificates for our main sandstone supplier, left to right:



GLOBAL STONE WOULD LIKE TO THANK THE FOLLOWING FOR THEIR CONTRIBUTIONS TO THE 2015 BROCHURE:

Karen Chamberlain Design

Rowebb Landscape Centres

C.G. Edwards

Hutchinsons Landscapes

Paul Mooney Building Services

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Kings Landscapes

Thistle Building Supplies

and all the customers who allowed us to photograph their gardens.

www.pavingexpert.com

Visit www.globalstonepaving.co.uk to locate your nearest stockist.



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