# CRANBOURNE STONE

EST 2004

The swimming pool surround specialists

#### **About Us**

Having built prestigious swimming Pools for over 20 years for the family swimming pool installation business, Howard, the Managing Director of Cranbourne Stone, recognised the demand for a better quality pool surround. Understanding the complexity of swimming pool installation, in 2004 Howard and his wife Jo, decided to form Cranbourne Stone Ltd.

Over the years, the demand for Natural Stone increased, so they decided to source suppliers, worldwide, for suitable stone for swimming pool surrounds. The company now imports from over 10 countries and is always searching for new stone, to keep up with the ever changing trends.

After years of cutting & shaping natural stone with basic bridge saws and hand tools, the decision was made to invest in a CNC 5 axis bridge saw and more recently a 5 axis waterjet machine. These have had an overwhelming effect on the business and has allowed the company to enhance the company portfolio tenfold, including the selections of Deck Level Grilles and Stone Wall Art, which can be seen at the Showroom & Display Area at the working yard in the beautiful Hampshire countryside.

The Cranbourne Team produce and stock the largest range of Natural Stone Swimming Pool surrounds in the UK. Cranbourne understand that no two projects are the same. The desire for individuality is the key to the business. Working with pool installers, architects and landscapers etc., the company provides an on-site template service and is able to work from customers' templates or emailed CAD drawings.

The relationship with their customers is of the highest importance to Howard & Jo. Being a growing family business, the quality, price and service provided is always their highest priority. After 13 years of trading, Howard & Jo are overwhelmed with the continued support of their loyal customers and look forward to another 13 years of expanding and designing new products.

#### **Ethical Trading**

Cranbourne Stone Ltd are proud supporters of the Ethical Trading Initiative, ensuring that all products are produced in the most suitable working environment possible.

The Ethical Trading Initiative (ETI) is an alliance of companies, non-governmental organisations (NGOs) and trade union organisations promoting ethical consumerism. They exist to promote and improve the implementation of corporate codes of practise, which cover supply chain working conditions. Their ultimate goal is to ensure that the working conditions of employees producing for the UK market meet or exceed international labour standards.

Underpinning all their work is the ETI Base Code. The Base Code contains nine clauses which reflect the most relevant international standards with respect to labour practices.

We at Cranbourne Stone Ltd feel that everyone has the right to a fair and ethical working environment. It is because of this that all of our products are only sourced from suppliers who support and adhere to the Ethical Trading Initiative and support the Base Code

#### Compliments

In producing this brochure, we would like to thank our customers who kindly provided us with photos of their projects using our stone.

XL Pools
Steve Collins Surfacing
Carl Vernon Swimming Pools
London Swimming Pool Company Ltd
Cresta Leisure
Pure Pools
Alba Pools
A & D Swimming Pools
Splish Splash Pools
Pools & Gardens Ltd
Albyns

Cornwall Pools
Letts Swimming Pools
Azure Pools
Greener Landscapes
Elite Pools & Paving
Guncast Swimming Pools
Albatross Pools
Harlequin Swimming Pools
KB Pools
EDM London
Hamilton Pools
Molland Pools Ltd

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### **Deck Level Grilles**

Working to SPATA (Swimming Pool and Allied Trades Association) standards Cranbourne Stone has designed three types of natural stone 'deck level grilles', all made in house using state-of-the-art 5-axis CNC and waterjet machinery. When you choose Cranbourne's deck level grilles, be assured that we can supply surrounds in the same product as the pool area. Air vents and drainage details can be also cut to suit the clients chosen style.

Grilles can be made as a three piece module which includes the coping and backing stone.

Available in various thicknesses with additional reinforced backing if required.



Contemporary Grille



Dished Grille



2x Linear Slot Grille









### Cotswold Mint Sandstone

Our Cotswold Mint Riven Sandstone has been hand selected and calibrated to ensure only the best quality mint and light buff tones are chosen to create a wonderfully rustic and yet uplifting landscape.



#### Paving:

600 Series Mixed Patio Pack. 16.74m² coverage per pack. 22mm thick – calibrated See page 63 for laying pattern

### Step Treads: with a bullnose

600 x 450 x 40mm

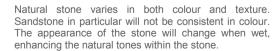
### Swimming Pool Copings: with full bullnose

600 x 225 x 40mm

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.











# Raj Riven Sandstone

This very popular riven sandstone, contains subtle olive tones enhanced with a blend of warm browns and greys. It is the perfect, more affordable alternative to English York Stone. Ideal for any outdoor landscaping projects.



#### Paving:

600 Series Mixed Patio Packs. 16.74m² coverage per pack. 22mm thick - calibrated. See page 63 for laying pattern

Step Treads: with full bullnose

600 x 450 x 40mm

Swimming Pool Copings: with full bullnose

600 x 300 x 40mm

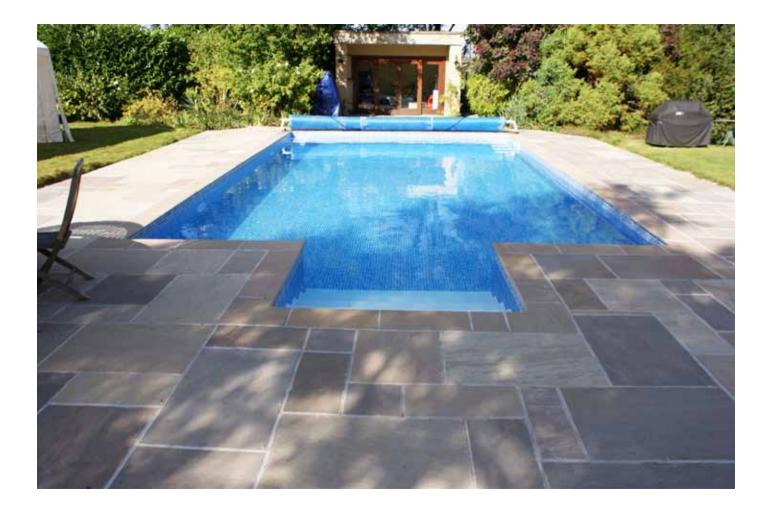
90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:



Shown when wet.





# Georgian Antiqued Sandstone

This tumbled and antiqued grey sandstone is a wonderfully vintage style stone, ideal for more traditional landscapes.





600 Series Mixed Patio Packs. 16.74m² coverage per pack. or Single size 900 x 600mm 22mm thick - calibrated. See page 63 for laying pattern

Step Treads: with bullnose edge

600 x 450 x 40mm

**Swimming Pool Copings:** with full bullnose

600 x 300 x 40mm

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order



#### Bespoke:





# Danebury Sandstone

This honed sandstone, with a combination of mint and buff tones, is ideal for any contemporary landscaping project. Also available with light sandswept finish.



#### Paving:

Heritage Mixed Pack Paving. 16.98m² coverage per pack. or Single size 900 x 600 x 22mm 22mm thick - calibrated. See page 63 for laying pattern

### Step Treads: with full bullnose

600 x 450 x 40mm

### Swimming Pool Copings: with full bullnose

With fall ballilooc

600 x 300 x 40mm

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:

Free-form shaped copings & bespoke stone work are made to measure in-house.
Site template service available.



Natural stone varies in both colour and texture. Sandstone in particular will not be consistent in colour. The appearance of the stone will change when wet, enhancing the natural tones within the stone.



# Timsbury Sandstone

This sand swept sandstone has warm buff tones similar to a buff York Stone. Its slip-resistant surface makes it the perfect solution for any swimming pool surround or landscape project.





#### Paving:

Heritage Mixed Pack. 16.98m² coverage per pack. 25mm thick - calibrated. See page 63 for laying pattern

#### Steps:

with full bullnose

600 x 450 x 40mm

### Swimming Pool Copings: with full bullnose

with full bullnose

600 x 300 x 40mm

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:





Shown when wet

### Leckford Sandstone

A wonderfully elegant sandstone, with buff tones and lightly sandblasted textured surface for slip resistance. It has the charm of a traditional English Yorkstone. Suitable for both indoor and outdoor projects.





#### Paving:

900 x 600 x 30mm

Other paving sizes available on request

#### **Step Treads:**

with full bullnose

600 x 450 x 40mm

#### **Swimming Pool Copings:**

with full bullnose

600 x 300 x 40mm

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order

#### **Bespoke**





### York Stone

Our York Stone, direct from the Yorkshire quarries is of the highest quality. Available in both Sawn & Natural Riven finish, this is without doubt one of the most classic natural stones from the UK.



#### Paving:

Set widths of 400/500/600 x Random Lengths x 50-75mm thick with riven finish.

Set widths of 600 x Random Lengths x 50mm thick with sawn finish.

#### **Step Treads:**

with full bullnose- sawn only

600 x 450 x 50mm

#### **Swimming Pool Copings:**

with full bullnose – sawn only 600 x 300 x 50mm

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order



#### Bespoke:



Sawn York Stone



Riven York Stone

### **Travertine Honed & Filled**

Our Honed & Filled Travertine has soft beige tones and is full of natural character. The sawn edge and honed surface helps create the ultimate contemporary look. Perfect for any internal project.





#### Tiles:

610 x 406 x 12mm 406 x 406 x 12mm

### Step Treads: with full bullnose

610 x 406 x 30mm

#### **Swimming Pool Copings:**

610 x 406 x 12mm with pencil edge

610 x 305 x 30mm with full bullnose

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:





### **Travertine Tumbled & Unfilled**

Our light cream Tumbled & Unfilled Travertine, is full of natural character and texture, creating a wonderful rustic look to any indoor or outdoor project.



#### Tiles:

610 x 406 x 12mm Opus (mixed) pattern x 12mm Other sizes available on request.

#### Paving:

610 x 406 x 30mm Other sizes available on request.

#### Steps:

with full bullnose

610 x 406 x 30mm

#### **Swimming Pool Copings:**

with full bullnose

610 x 305 x 30mm





#### Bespoke:





### Fossil Pearl Limestone - Tumbled

This very dense Limestone with its beige/grey tones and wonderful fossil markings is a truly stylish Limestone for both indoor and outdoor projects.



#### Tiles:

600 x 400 x 20mm 900 x 600 x 20mm Other tiles sizes available on request

#### Paving:

600 x 400 x 20mm 900 x 600 x 30mm

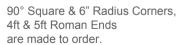
#### Step Treads: with full bullnose

600 x 450 x 40mm



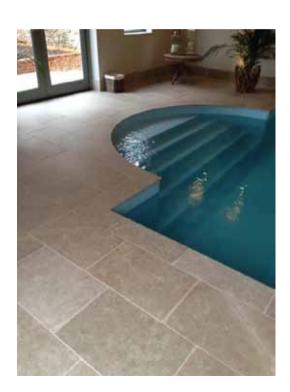
600 x 400 x 20mm with pencil edge

600 x 300 x 40mm



#### Bespoke:







### Fossil Pearl Limestone - Satin

A dense fossil limestone with warm beige and grey tones, with a sandblasted finish and sawn edges giving a wonderful contemporary look. Ideal for indoor and outdoor projects.



Stone shown wet



#### Tiles:

900 x 600 x 20mm Other tile sizes available on request

#### Paving:

900 x 600 x 30mm

#### **Step Treads:**

with full bullnose

600 x 450 x 40mm

#### **Swimming Pool Copings:**

600 x 400 x 20mm with pencil edge

600 x 300 x 40mm with full bullnose

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order

#### Bespoke:





# Farley Black Limestone

This textured Black Limestone has been hand finished to create a wonderfully superior product for the more prestigious indoor or outdoor projects. Its tumbled edges and textured surface create a vintage and luxurious look.



Stone shown wet



#### Paving / Tiles

560 x random lengths x 22mm (420, 560, 700 and 840mm) or single size 900 x 600mm Thickness 20mm

## Step Treads with full bullnose

600 x 450 x 40mm

#### **Swimming Pool Copings:**

with full bullnose

600 x 300 x 40mm

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:



This product will naturally fade in the sunlight. To retain it's dark colour, we recommend using a colour-enhancing sealer.



# Crema Europa Limestone

This wonderful Limestone with its cream/beige tones and stunning waves of sweeping beige markings is a truly stylish Limestone for both indoor and outdoor projects. Available in Honed and Sandblasted finishes.





#### Tiles:

600 x 400 x 20mm 600 x 600 x 20mm Other sizes available to order

#### Step Treads:

with full bullnose

600 x 450 x 40mm

#### **Swimming Pool Copings:**

600 x 400 x 20mm with pencil edge

600 x 300 x 40mm with full bullnose

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:



Sandblasted



# **Broughton Limestone**

This very dense Limestone with its blue/grey sandblasted finish is a truly stylish Limestone for modern indoor and outdoor projects.





#### Paving: - sandblasted

600 x 600 x 25mm

#### **Steps Treads:**

1000 x 300 x 50mm Square edged

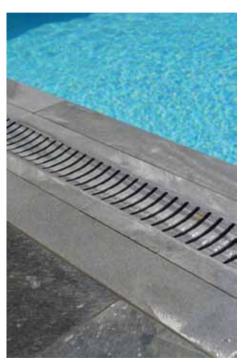
#### **Swimming Pool Copings:**

600 x 300 x 25mm with full bullnose

1000 x 300 x 50mm with square edge

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:



Stone shown wet



### **Downton Limestone**

With its olive/grey and buff tones and its gently undulating surface, the Downton has a wonderfully understated and rustic, traditional look. This can be used for both indoor and outdoor projects.





#### Paving / Tiles:

560 x random length (420, 560, 700 & 840mm) Thickness 22mm calibrated

#### **Step Treads:**

with full bullnose

600 x 450 x 40mm

#### **Swimming Pool Copings:**

with full bullnose

600 x 300 x 40mm

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:



Stone shown wet



# Pembury Marble

This beautiful white / grey marble, with its sawn edges and soft sandblasted textured surface, is both stylish and modern. Perfect for any indoor or outdoor project.



#### Paving / Tiles:

600 x 600 x 15mm 600 x 600 x 30mm Other tiles sizes available on request

#### **Swimming Pool Copings:**

600 x 300 x 30mm with full bullnose

600 x 300 x 30/50mm with over-lip

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.









# **Fullerton Grey Granite**

This flamed Grey Granite, with it's straight sawn edges is a wonderful slip resistant option for both indoor and outdoor modern projects.



#### Paving:

600 x 400 x 30mm 600 x 600 x 30mm 600 x 400 x 20mm 600 x 600 x 20mm Other tiles sizes available on request

#### Step Treads:

600 x 400 x 30mm with full bullnosed edge (flamed)



600 x 300 x 30mm with full bullnosed edge (flamed)

600 x 300 x 30/50mm with an over-lip (polished)

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.



#### Bespoke:

Free-form shaped copings & bespoke stone work are made to measure in-house.

Site template service available.





# **Montreal Granite**

Our Montreal Grey Granite is flamed & brushed, with natural white veining that glimmers in the sunlight. The Linear planking with its long white veins, together with the Pool Coping, that has cross cut veining, is perfect for any modern and unique pool surround or landscape project.



600 x 600 x 20mm 600 x 600 x 30mm

850 x 200 x 30mm

#### **Swimming Pool Copings:**

600 x 300 x 30-50mm With over-lip

600 x 300 x 30mm With full bull nose

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

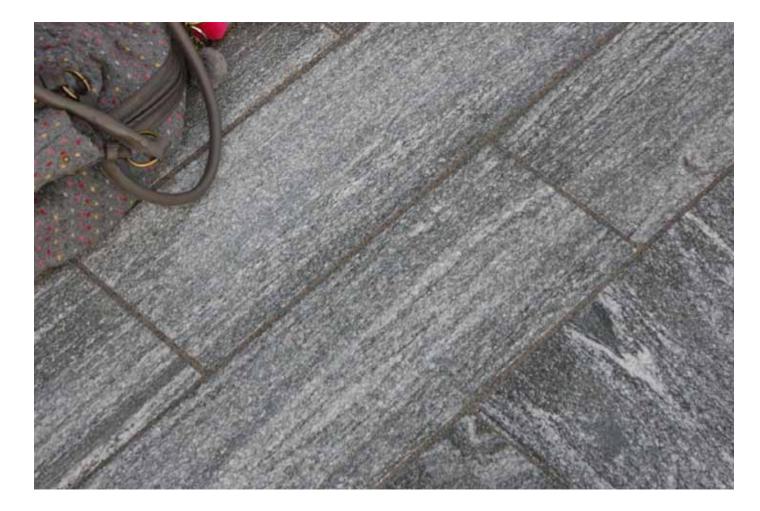
#### Bespoke:

Free-form shaped copings & bespoke stone work are made to measure in-house.

Site template service available.

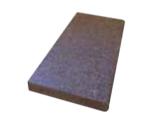






# **Chattis Black Basalt**

This stunning black basalt, with its flamed finish is the ideal stone for modern swimming pool surrounds and terraces.





#### Paving:

600 x 600 x 20mm 600 x 400 x 30mm 600 x 600 x 30mm

#### Steps:

600 x 400 x 30mm with bull nose (flamed)

#### **Swimming Pool Copings:**

600 x 300 x 30mm with a full bullnose (flamed) 600 x 300 x 30-50mm with over-lip (polished)

90° Square & 6" Radius Corners, 4ft & 5ft Roman Ends are made to order.

#### Bespoke:

Free-form shaped copings & bespoke stone work are made to measure in-house.
Site template service available.





## **Porcelain**

Porcelain is fast becoming the tile of choice for pool liners, pool copings, paving and hard landscaping projects. Developments in the manufacture of porcelain makes it the perfect choice for people who want a long lasting and great looking tile. Porcelain is extremely tough, has an R11 slip resistance rating, it is weather and stain resistant and requires virtually no maintenance. Profiling and cutting shapes with our in-house waterjet cutting facilities allows us to produce bespoke projects to suit any design.



Full bullnose edge for steps and pool copings

Radius cut with pencil edge for pool or step edge





Deck drainage grille



6" radius corner for pool copings



Bonded overlip edge tile for pool and step edge



90° corner pool copings

# Boston - Porcelain

This modern procelain has the look of a natural flamed basalt. If your looking for a contemporary product for indoor or outdoor use, our Boston porcelain is the perfect choice.

### Paving:

600 x 600 x 20mm

#### **Step Treads:**

with full bullnose

600 x 298 x 20mm

#### **Swimming Pool Copings:**

with full bullnose

#### Straights

90° Corners (internal and external) 6" Radius Corners (internal and external)

#### R11 slip resistance.

See page 53 for full technical specification

#### Bespoke:

Free-form shaped copings and bespoke porcelain is made to measure.







Boston Coping with Cotswold Mint paving.

# Verona - Porcelain

Another very contemporary porcelain with a clean and crisp finish. A wonderful alternative to white limestone.

#### Paving:

600 x 600 x 20mm

#### **Step Treads:**

with full bullnose

600 x 298 x 20mm

### **Swimming Pool Copings:**

with full bullnose

### Straights

90° Corners (internal and external) 6" Radius Corners (internal and external)

#### R11 slip resistance.

See page 53 for full technical specification

#### Bespoke:

Free-form shaped copings and bespoke porcelain is made to measure.







# Garda - Porcelain

Our Garda Porcelain has a modern polished concrete look, with subtle tones and highlights of a smoky grey.

### Paving:

600 x 600 x 20mm

### **Step Treads:**

with full bullnose

600 x 298 x 20mm

### **Swimming Pool Copings:**

with full bullnose

### Straights

90° Corners (internal and external) 6" Radius Corners (internal and external)

#### R11 slip resistance.

See page 53 for full technical specification

### Bespoke:

Free-form shaped copings and bespoke porcelain is made to measure.







# Namur - Porcelain

The Namur Porcelain has been likened to that well known Belgium Blue Limestone. A very nice product with its dapple grey tones and marbled look.

#### Paving:

600 x 600 x 20mm



with full bullnose

600 x 298 x 20mm

## **Swimming Pool Copings:** with full bullnose

#### Straights

90° Corners (internal and external) 6" Radius Corners (internal and external)

#### R11 slip resistance.

See page 53 for full technical specification

#### Bespoke:

Free-form shaped copings and bespoke porcelain is made to measure.







# **20mm Porcelain - Technical Specifications**

THICKNES		EMICAL SISTANCE	WATER ABSORPTION	BREAKAGE LOAD	MECHANICAL STRENGTH
20mm	<b>GA</b> UNI	EN ISO 10545.13	<b>~0.5%</b> ISO 10545.3	Classe 1 8,28 kN al centro EN 12825	<b>U14</b> EN 1339
	<b>5</b> UNI	EN ISO 10545.14			
BENDING STRENGT		OST SISTANCE	SLIPPING RESISTANCE	DRY	WET
<b>~50 N/mm²</b> EN 14411 B1		<b>SISTANCE</b> 10545.12	DIN 51130 DIN 51097	R11 -	- A+B+C
Package Dimensions					
вох	Format: Pcs/Ctns m² kg		PALLET	Ctns m² kg	32 23.04 1088

# 10mm Thick Porcelain Tiles

As a modern alternative to standard mosaic tiles in the pool, the larger format tiles can be a wonderful way to achieve a contemporary look. With our wide range of 10mm thick tiles, we are sure to have the perfect tiles to compliment any pool surround. Ideal for Internal Pool Walls & Floors.



Available in 600 x 600 and 600 x 300 tiles



# Wall Cladding



CREMA MARFIL SPLIT FACE



**IMPERIAL BLACK RIVEN** 



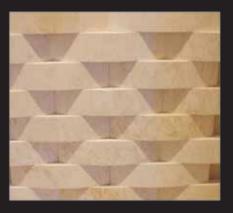
SILVER SPLIT FACE



WHITE QUARTZITE RIVEN

# Wall Cladding

# Simply stylish!

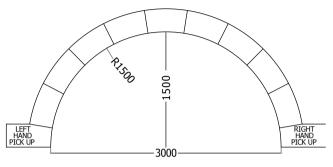






MAXIMO SOFIA LORENNA

### ROMAN END BAYS AND CORNERS



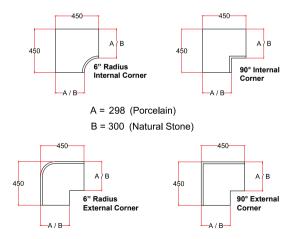
LEFT HAND PICK UP

2390

**5FT ROMAN END BAY** 

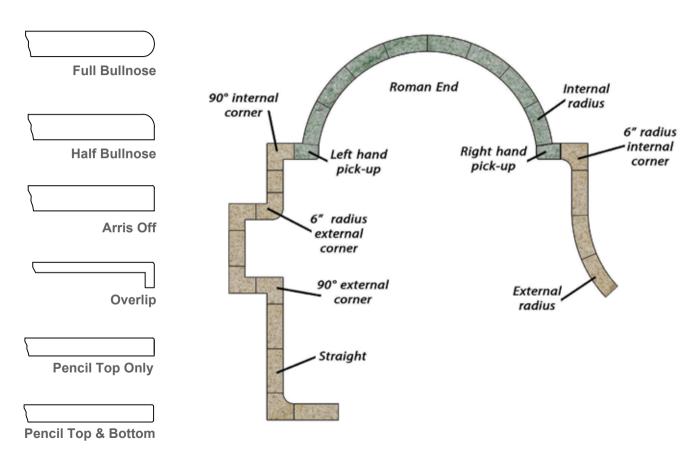
Prso 000 RIGHT HAND PICK UP

4FT ROMAN END BAY (Country leisure 10ft roman end bay)



5FT LOW PROFILE ROMAN END BAY (Country leisure 12ft roman end bay)

# **Edging Profiles & Coping Stone Types**



# Bespoke Masonry

With every project being unique, we understand the necessity of being able to commission bespoke products. With our team of skilled stone masons, waterjet and CNC operators, the possibilities are vast.



**Inspection Covers**Inspection covers for skimmers and drain access points.



Bespoke Window Cills made to Architects drawings



Bespoke Handrail



**Deck Level Grilles**Combined CNC and 5-axis waterjet cutting.









## **Landscapers and Designers**

Cranbourne Stone have been importing and supplying stone to landscapers since 2004. Our yard is well stocked with over 20 'standard' stone types and in various formats. We also stock porcelain tiles which can be cut and bonded to suit just about any application.

## Let Cranbourne take the devil out of the detail

We understand that Landscapers and Designers sometimes just need to cover large areas with paving etc, we can provide the stone - but what about the more detailed elements? Cranbourne Stone have the equipment and experience in cutting and shaping materials to suit bespoke designs. Details of a design can be unique to each project and may incorporate wall capping, seating areas, circle kits, step treads, pier caps, drainage grilles, access covers, cladding as well as other special features and NOT just in stone...! Our waterjet is capable of cutting a wide range of materials such as steel through to more delicate materials - timber, plastics and even glass.



Cranbourne's professional surveying service is available to help landscapers and designers let their creativity flow. Complex layouts and prebuilt structures can be

recorded and imported directly into AutoCAD. Our in-house design team are then able to create layouts and cut paths which are then sent directly to the cutting team. Our 5-axis CNC bridge saw can handle most detailed shapes and features, but when combined with our 5-axis waterjet the complexity of profiles and cuts we can achieve just gets even better. All this is under one roof...!



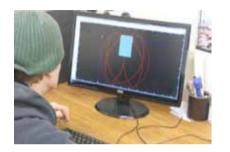
Give us call to discuss your next project. We have the Materials, Technology and Experience to make your designs achievable.

T: 01264 810 813 E: enquiries@cranbournestone.co.uk



# Our in-house bespoke works

Our in-house CNC 5-axis bridge saw and waterjet allows us to cut and shape stone without limitations. Working from CAD Drawings and templates, we are able to upload drawings and create outstanding pieces of bespoke stone products.



Drawing on CAD-Cam Design...



Making a cutting path on the CAD-Cam...



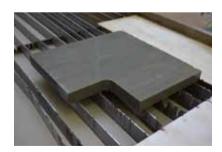
Let the cutting commence...



Creating cut paths for the waterjet...



Bespoke slotted grilles being cut...

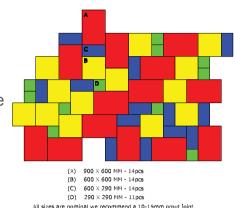


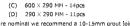
Corner coping - cut to precision...

# Pack Types

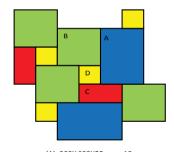
## Mixed Paving Pack 600 Series

This pack contains our 4 most popular sizes (as detailed below). The mixed pack is perfectly suitable for all projects whether large or small – always maintaining attractive proportions. The sizes within the packs enable a variety of random patterns. (coverage 16.74m<sup>2</sup>).









- (A) 900X 600X25mm- 10pcs (B) 600x600X 25mm - 20pcs
- (C) 600x300X 25mm 10pcs
- (D) 295x295X25mm 20pcs (5 MODULES PER PACK)

All sizes are nominal. We recommend a 10-15mm grout joint.

## Heritage Mixed Pack

To compliment our Danebury and Timsbury natural stone copings, we have developed the Heritage mixed paving pack, which provides an easy to lay, attractive repeating modular pattern in one convenient pack. Each 16.08m<sup>2</sup> Heritage mixed pack (coverage 16.98m<sup>2</sup>) has 5 modules per pack.

## **Stone Finishes**

#### Honed

A lightly polished surface using sand/water to remove any saw marks, resulting in a nice clean and smooth finish.

#### Sandblasted

A shot-blast media is fired at high pressure onto the stone resulting in a lightly textured, surface with an increased slip resistance.

#### **Riven / Natural Cleft**

A natural rough surface of layered stone (sandstone/slate) with natural variations.

#### **Tumbled**

Tumbled in machines filled with pebbles creating an appearance of a naturally time-aged worn surface.

#### **Antique**

Partly honed and then tumbled to create that aged look, with a slightly duller finish.

#### **Satin Contemporary**

Honed and then sandblasted for a greater slip resistant finish. An acid wash is then applied to enhance the colour of the stone.

#### **Flamed**

Using a mixture of heat and water, the stone is flamed to create a rugged textured surface - increasing slip resistance. Genearlly applied to Granite and Basalt.

#### Sawn

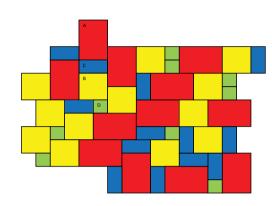
Straight cut edged tiles, with light sawn markings.

# **Laying Guidelines**

### **Laying Pattern Suggestions**

The mixed size crate can be utilised to give several laying patterns, an example is shown to the right.

In this section we are outlining the principle considerations for laying natural paving. However each project will have its own individual considerations and the advice of a professional should always be sought.



### **Preparation**

Decide where the paving is to be laid and mark or peg out clearly. Dig out a little wider than the planned project width, allowing an extra 50mm - 75mm at the edges to make handling much easier. Bear in mind that any paving surfaces should be at least 150mm below any damp proof course and should have a 1:60 fall away from the building for surface drainage. Remember to remove all weeds and other unwanted organic matter.

#### Sub-base

The depth of the dig and the necessity for a sub-base will depend on the intended use and ground conditions. If a sub-base is required the depth should be approximately 190mm minimum. This will allow for:

- 100mm compacted hardcore or crushed stone with extra care being taken to ensure any soft spots are identified, dug out and filled.
- 25mm 40mm slab depth
- 50mm bed

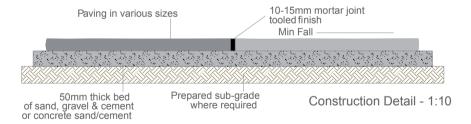
If a sub-base is not required, dig to 90mm. If elevating to a higher level, then the elevation should be constructed by adding to the sub-base layer not by increasing the thickness of the bedding layer. Driveways will always require a sub-base made up of 100mm 'MOT Type 1' hardcore so the dig will always be 190mm minimum.

### **Bedding**

Depending on preference, the paving may be bedded onto either a full concrete bed (136 or St1 mix), or alternatively a 50mm (compacted depth) bed of sand, gravel and cement (6 parts 5mm - 6mm gravel, 4 parts sharp sand NOT BUILDING SAND and 1 part ordinary Portland cement) - which should be spread to the area and compacted with a couple of passes of a plate compacter prior to bed preparation. The top 15mm - 25mm of the bed should be loosened / rippled to ease levelling as the natural slabs vary in depth.

### Laying

Natural stone products have variation in colour so select paving from a number of open packs to ensure an even blend. Where possible start with full flags being laid adjacent to a fixed point such as building or edging. Set the required level using a taut line. Tap each slab down to the appropriate level using a rubber mallet and also use a spirit level to double check levels with the adjacent slabs. It can be helpful to 'butter' the edges of previous slabs - being careful to maintain 10mm - 15mm between the slabs. To butter the previous slabs - trowel mortar onto their edges so that when the next slab is offered up, the mortar compresses and rises up between the slabs to form a joint that can be easily pointed.



#### **Efflorescence**

Efflorescence is a natural phenomenon and can occur in all natural paving products. It shows as white patches on the surface of the slabs. The efflorescence may occur each time the paving dries after rain. This may re-occur for up to 18 to 24 months. Efflorescence will cease as the calcium carbonate completely leaves the stone.

#### CONDITIONS OF SALE

The following terms and conditions are the terms on which Cranbourne Stone Limited ("the Company") sells goods and/or services and supersede all other terms and conditions used by the Company:

- Orders
- All orders are subject to the approval of the Company which shall have an absolute discretion to accept or decline any order.
- No order which has been accepted by the company may be cancelled by the Purchaser except with the agreement in writing of the Company and on terms that the Purchaser shall indemnify the Company in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Company as a result of cancellation. For the avoidance of doubt any deposit paid by the Purchaser shall be non-returnable in the event of a cancellation.
- All orders are subject to these terms, which shall prevail over any terms proposed by the Purchaser.
- Price
- . The price shall be the quoted price of the Company.
- However, the Company shall be entitled to adjust the price of any goods at the time of delivery of the goods or each instalment of the goods as the case may be:
- To take account of any direct or indirect price increases sustained by the Company including but not limited to currency fluctuations affecting the cost of imported materials or the cost of raw materials; and/or
- If there is any change in the delivery date, quantities or specifications for the goods requested by the Purchaser or any delay caused by any instructions of the Purchaser or failure of the Purchaser to give the Company adequate information or instructions.
- Part Orders The Company shall not be bound to accept orders for part only of a total quotation.
- Deliver
- Any date for delivery named by the Company is an estimate only and the Company shall not be liable for the
  consequences of any delay. Every effort will be made to deliver in accordance with the dates endorsed on order
  acknowledgements but it is impossible for the Company to guarantee these dates and no claim will be entertained in
  respect of late delivery.
- In the event of the Purchaser failing to collect or refusing to take delivery, the Company shall be at liberty to invoice the purchaser for such goods and failure to settle such invoice within 30 days of the same being rendered shall entitle the Company to dispose of the goods as best it can giving credit to the Purchaser for any proceeds of sale received where after the Purchaser shall remain liable to the Company for any balance owing upon the invoice but the Company shall not be accountable to the Purchaser for any surplus should the amount raised on disposal of such goods exceed invoice value.
- The purchaser shall notify the Company at the time of placing the order if it wishes to arrange collection of the goods itself or arrange the delivery of the goods by an independent carrier to the premises specified by the Purchaser on its order.
- If the Purchaser arranges collection of the goods, delivery of the goods shall take place at the Company's works on the Purchaser or its agent being permitted to take possession of the goods. If the Company arranges delivery of the goods, delivery shall take place at the entrance to the premises specified by the Purchaser on its order.
- Transport
- · Where the Company arranges transport of the goods by road, the following terms shall apply:
- · Delivery shall only be required to be made to a hard standing deemed suitable by the lorry driver.
- Prompt assistance shall be given by the Purchaser to the lorry driver in unloading goods, failing which the Company
  make reasonable charge for excessive delay in waiting time. Where goods are undelivered due to no one being
  present on site to accept delivery, a re-delivery charge of £75 will apply.
- Prices charged include a charge for loading of motor vehicles at the Company's works and a separate charge will be
  made to the premises specified, but the responsibility and cost of unloading shall be borne by the Purchaser.
- Where the Purchaser arranges collection of the goods from the Company, the Company shall notify the Purchaser when the goods are ready for collection, but shall not be responsible for any delay in transporting the goods after they have been despatched from the Company's works or for any damage occurring to the goods in transit
- · Samples and Images

In submitting any sample or image of the goods to the Purchaser, the Company warrants only to give a general indication of the quality, colour, texture and/or type thereof and does not in so doing constitute any subsequent sale by sample.

The Purchaser acknowledges and accepts that the Goods are made from a natural resource and variations in colour, shading, markings, texture, and size between consignments, will occur.

Risk and Property

Subject to Condition 17, risk and property shall pass to the Purchaser:

- When collected by or on behalf of the Purchaser from the Company's works, on delivery to the Purchaser or its agent to take possession of the goods.
- When delivered by road by or on behalf of the Company to premises specified by the Purchaser, on delivery to the entrance of those premises.
- Until the date of payment, the Purchaser is, if the Company so desires, to store this material in such a way that it is clearly the property of the Company. The Company and Purchaser agree that, if the Purchaser should make (a) new object(s) from the material or mix this material with (an) other object(s) or if this material in anyway whatsoever becomes a constituent of (an) other object(s) then this will be used as surely for the full payment of what the Purchaser owes the Company. To this end the Company and Purchaser now agree that the ownership of the article(s) in question, whether finished or not, are to be transferred to the Company and that this transfer of ownership will be considered to have taken place through and at the moment of the single operation or event by which the material is converted into (a) new object(s) or is mixed with or becomes a constituent of (an) other object(s). Until the moment of full payment of what the Purchaser owes the Company, the Purchaser shall keep the object(s) in guestion for the Company in his capacity of fiduciary owner and, if required, shall store this (these) object(s) in such a way that it (they) can be recognised as such. Nevertheless, the Purchaser will be entitled to sell these objects to a third party within the framework of the normal carrying on of his business and to deliver them on condition that, if the Company so requires, the Purchaser, as long as he has not fully discharged his debt to the Company, shall hand over to the Company the claims that he has against his buyer emanding from this transaction.
- Packing Charges

In case of special orders, the Purchaser will be notified in writing when supplementary packing charges are applicable and the Purchaser shall have the right within seven days of any such notification to make its own arrangements for the collection of the goods, in which case the Purchaser will be solely responsible for the packing and loading of the goods.

- Inspection
- Any signs of damage must be noted on the delivery note at time of delivery and notice of such be given immediately to the Company office and in any event within 24 hours.
- Quantity, type, shape, and size of the goods must be checked by the Purchaser or its agent at the earliest opportunity
  after delivery.
- · All goods must have wrapping removed within 24 hours of delivery.
- Any objections to the goods on the grounds of incorrect quantity, type, shape or size must be notified to the Company before the goods are used or incorporated in any structure and in any event within 24 hours of delivery.
- The Company reserves the right not to accept responsibility for any delivery which has been made and which is incorrect by reason of incorrect quantity, type, shape or size.
- No guarantee can be given against naturally occurring variations, slight surface crazing or the phenomenon of efflorescence which may cause a temporary lightening to the colour of the stone.
- The Purchaser shall not be entitled to reject the goods where the alleged defect or breach of contract is so slight that it would be unreasonable for the Purchaser to reject the goods.
- Where any valid claim in respect of the goods is made by the Purchaser the Company shall be entitled to replace or repair the goods (or the part in question) free of charge or, at the Company's sole discretion, refund to the Purchaser the price (or a proportionate part of the price).
- In the event of any claim being made by the Purchaser, the Purchaser shall give the Company a reasonable
  opportunity to inspect the goods in the same condition as they were at delivery after discovery of the dect and liability
  will not be accepted unless this procedure is followed. For the avoidance of doubt, where the alleged defect is one which
  would have been apparent on reasonable inspection of the goods, liability for such defect will not be accepted where the
  Purchaser has used, cut, worked on or processed the goods in any way.
- · Fitness for Purpose

The Company makes no warranty as to the fitness of the goods for any particular purpose even if that purpose is stated in the Purchaser's order. This exclusion includes recommendations or advice from the Company to the Purchaser relating to a specific enquiry. The Purchaser must satisfy itself as to the fitness for the purpose for which the goods are intended. The Company will not be liable if the goods are not fit for the purpose required unless the Purchaser states the purpose in writing and the Company specifically confirms in writing that the goods are fit for such a purpose. In any event, where the Company arranges for the production of custom goods to the Purchaser's specification, no liability is accepted for the fitness of the goods for any particular purpose.

Returns

The Company may at its discretion accept the return of goods provided that the goods are:

- . Undamaged, unused, uncut or in any other way unworked; and
- Returned at the Purchaser's expense within 3 days of delivery.

No goods may be returned for Credit except by special arrangements with the Company and any attempt to do so will be entirely at the Purchaser's risk. Where the Company accepts the returned goods it shall at its option either give credit or refund the roice to the Purchaser in each case less a 20% re-stocking charge.

Payment

Credit accounts may be opened, subject to satisfactory credit references being obtained, in our sole discretion. Payment for goods supplied on a credit account shall be due and payable not later than 30 days from the date of twoice. Payment for Natural Stone orders is required prior to dispatch. Bespoke and/or large orders will require a 50% deposit to confirm order. The Company reserves the right to stop further supplies if these terms of payment are not observed and to charge interest on all overdue accounts at a rate equal to 5% above the minimum lending rate of the Company bankers.

· Supply of Plans to the Company

Where the Purchaser submits plans and specifications for the goods to the Company, quotations are made in accordance with such plans and specifications. The Company shall not be under any obligation to check or verify the accuracy or adequacy of any such plans or specifications. The Purchaser guarantees the accuracy of all dimensions contained in such plans and specifications and shall indemnify the Company against loss arising directly or indirectly from any error, inaccuracy, omission or other fault on the part of the Purchaser or person, firm or company responsible for the preparation of such plans and specifications.

Preparation of Drawings by the Company

Where the Purchaser supplies such plans and specifications the Company may prepare shop drawings for the goods and shall, within the time (if any) specified in the job schedule (if any)submit such drawings to the Purchaser for procurement of the written and signed approval thereof from the architect and/or general contractor of the project. He, the Purchaser, shall within such time as may be specified, return to the Company the said drawings containing such approval as aforesaid and the Company shall have no responsibility for or with respect to the adequacy of such drawings after they have been approved as aforesaid.

Indemnity

Notwithstanding any other provision herein, the Purchaser shall indemnify and reimburse the Company for any losses incurred by the Company as a result of any delay in any delivery schedule agreed upon by the parties which is caused by any delay in furnishing to the Company of such drawings as aforesaid.

· Purchaser's Failure to take Delivery

If the Purchaser fails to take delivery of the goods in accordance with the delivery schedule (if any) agreed upon by the Company and the Purchaser and such goods are ready for delivery to the Purchaser and the Purchaser's failure to take delivery is not excused under section 3, all risks of loss of, damage to and deterioration of such goods shall pass to the Purchaser upon dates of delivery specified in the delivery schedule.

· Responsibility for Design of Structure

The Company shall have no responsibility or liability whatsoever with respect to the adequacy of the design of the structure in which the goods supplied by the Company will be used and the Purchaser will, at the Purchaser's sole expense, defend, hold harmless and indemnify the Company against all liabilities, expenses or damages and claims arising out of any proved or alleged inadequacies.

· Warranties made by the Company

No warranty, express or implied, is made by the Company.

In the case of a consumer sale, these conditions shall have effect only in so far as they are consistent with the consumer's statutory rights.

- Limitation of Liability
- Save in respect of personal injury or death due to any negligence, the Company shall not be liable to the Purchaser in respect of any loss suffered by the Purchaser due to any defect in the goods.
- Without prejudice to condition 18A and for the avoidance of doubt, the Company shall not be liable to the Purchaser or any third party for any loss of profit, consequential or other economic loss suffered by the Purchaser arising in any way from this Agreement.
- · Set Off and Counterclaim

The Purchaser may not withhold payment of any invoice or other amount due to the Company by reason of any right of set off or counterclaim which the Purchaser may have or allege to have for any reason whatsoever.

· Force Majeure

The Company shall not be liable for any default due to any circumstance beyond the reasonable control of the Company including, but not limited to, Acts of God, war, civil unrest, riot, strike, shipping delays, lock out, acts of civil or military authorities, fire, flood, earthquake or shortage of supply.

· Customer's Default

This condition applies if:

- The Purchaser makes any voluntary arrangement with its creditors or (being an individual or firm) becomes bankrupt
  or (being a company) becomes subject to an administration order or goes into liquidation (otherwise than for the
  purposes of amaleamation or reconstruction): or
- · An encumbrancer takes possession or a receiver is appointed, of any of the property or assets of the Purchaser; or
- . The Purchaser ceases, or threatens to cease, to carry on business; or
- The Company reasonably apprehends that any of the events mentioned above is about to occur in relation to the Purchaser and notifies the Purchaser accordingly; or
- The Purchaser fails to pay the price or any additional charges or any part thereof in accordance with condition 2. Where this condition applies then, without prejudice to any other right or remedy available to the Company, the Company shall be entitled to cancel the contract and all other contracts which may exist between the Company and the Purchaser and suspend any further deliveries or performance under the contract and any other contracts without any liability to the Purchaser, and if the goods (or goods subject to any contract which may exist between the parties) have been delivered but not paid for, the price, any additional charges and any other sums payable by the Purchaser shall become immediately due and payable notwithstanding any previous arreement or arrancement to the contract.
- General
- If any term or provision of these conditions is held invalid, illegal or unenforceable for any reason by any Court of competent jurisdiction, such provision shall be severed and the remainder of the provisions hereof shall continue in full force and effect as if these conditions had been acreed with the invalid. Illegal or unenforceable provision eliminated.
- The Company may without the consent of the Purchaser sub-licence its rights or obligations or any part of these conditions.
- The headings in these conditions are for ease of reference only and shall not affect the interpretation of any of the conditions.
- Contract

Notwithstanding any other provision of this agreement, nothing herein shall confer or is intended to confer a benefit on any third party for the purpose of the Contract (Rights of Third Parties) Act 1999 or for any other purpose.

· Entire Agreement

Each of the parties agrees that save in respect of statements made fraudulently it shall have no remedy in respect of any untrue statement upon which it relied in entering this Agreement and that its only remedies shall be for breach of contract.

· Governing Law and Jurisdiction

The laws of England and Wales shall govern this Agreement and the parties hereby submit to the exclusive jurisdiction of the courts of England and Wales.



Your local stockist is:

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www.cranbournestone.co.uk