

The ReadyPave™ range of concrete block paving products from CEMEX is designed to recreate the beauty of natural stone. The product range offers design solutions for any domestic or commercial hard landscaping project, be it traditional, contemporary or simply practical.

CEMEX is a progressive, growing and forward-looking company. Our aim is to be the number one building solutions company in the UK in terms of quality, technical excellence and customer service.

#### First for customer service that's our commitment to you

If we can't deal with your enquiry immediately, then we'll get back to you within 24 hours, Latest.

100% of our products meet or exceed relevant quality standards.

We always aim to deliver within the agreed time frame.

100% of your issues or complaints will be dealt with within 24 hours.









ISO 9001 CEMEX Concrete Products adhere to the standard framework for managing and improving the company quality management system.

CEMEX Concrete Products strive to be environmentally responsible in responsible sourcing to a very everything we do, this is backed up good standard. by our ISO 14001 accreditation.

CEMEX Concrete Products are all responsibly sourced and accredited to the independently verified standard, BES 6001.

We are committed to sustainable development and ethical and

#### Please Note

De-icing materials should not be used on the Hard

Hard Landscaping is manufactured from natural consistency cannot therefore be guaranteed. print production methods allow

We suggest that the final choice of colours should be judged from actual samples of products. Due to continued development of our product range, we reserve the right to change specifications and designs without notice.

To ensure a consistent blended overall appearance it is important to mix products from several packs. This is relevant if laying a single colour or multicoloured product.

statements and representations made on behalf of the company is limited in accordance with the terms as set out in the standard conditions of sale, copies of which are available upon request.

Efflorescence or 'lime bloom' is a naturally occurring phenomenon, which can sometimes occur in concrete products due to the use of naturally sourced raw materials. The phenomenon may have the appearance of a milky white bloom on the surface of the product and an apparent loss of intensity of colour may occur. Efflorescence disappears with time and is in no way detrimental to the strength, durability or performance of ReadyPave<sup>TM</sup> products.

CEMEX cannot be held responsible for the phenomenon of efflorescence.

#### Differential Drying

Darker patches may be present on the surface of cured at different rates and is no way detrimental to the strength, durability or performance of ReadyPave<sup>™</sup> products. CEMEX can not be

Landscaping range of decorative paving.

materials and colour variations may occur. Colour Colours shown in this brochure are as accurate as

Liability in respect of any conditions, warranties,

the block due to differential drying and will disappear over time. This is a result of the paver surface being held responsible for the phenomenon.

All ReadyPave™ products shown are manufactured

CEMEX also supply









For more information on our products and services included in this brochure please contact us:

CEMEX UK Building Products Ltd, CEMEX House, Evreux Way, Rugby Warwickshire CV21 2DT

#### Telephone:

Customer Service Department: 0845 155 9252 Product Support Helpline: 0800 667 827 Customer Feedback: 0345 155 0034

**E-mail:** gb-concreteproducts.sales@cemex.com





Whether it's a dream driveway or the wandering path that traverses your garden.

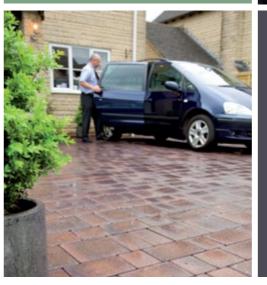
> Doesn't your home deserve better?



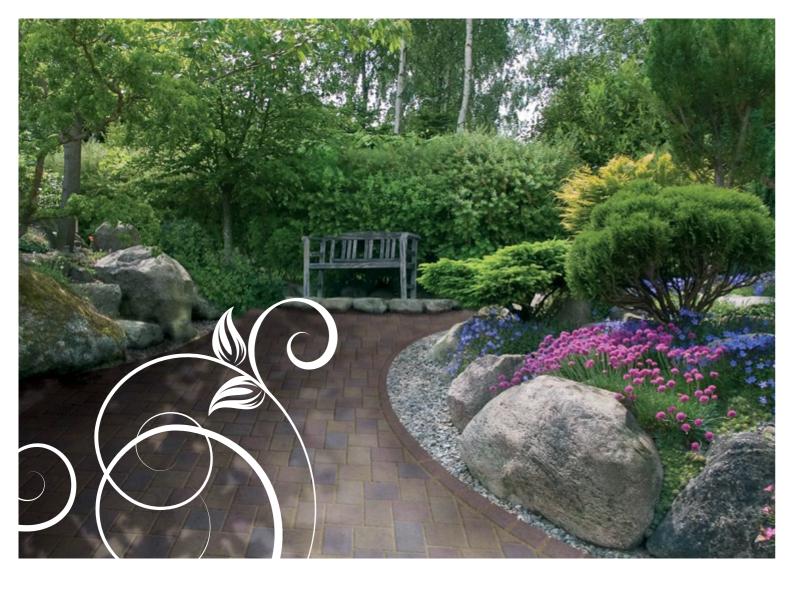




















A choice for you, the environment and the future.



# Create an outdoor landscape to enhance your home.



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Planning the garden or drive you desire is all about creating a space that suits you: your style, personality and way of life, be that traditional or modern, for relaxation or entertaining.

The ReadyPave<sup>™</sup> extensive range of pavers come in a variety of shapes and sizes, not to mention finishes and colours, allowing you to create patterns and designs to complement your home.

This brochure will guide you through the various schemes and colourways to help you discover your dream landscape whilst providing a helpful guide on environmental landscaping and essential laying information.



As part of CEMEX, a global building solutions company and leading supplier of concrete, cement and aggregates, we are dedicated to the high standards of quality.

## Why thinking about going green could be the right choice.

Over recent years the effects of climate change, harsh winters and flash flooding have resulted in many families suffering damage to their homes and losing possessions. The insurance losses in 2012 due to the flooding has been estimated to be in excess of £1 billion with household insurance premiums likely to rise.

Due to the increased use of impermeable materials and flooding water pollution, the government introduced a new planning law in 2008 to help prevent flooding and protect local communities. This means, should you wish to resurface the front of your property, planning permission might be required, adding extra expense and time to your project.

#### When do you need planning permission?

To help you make the right decision on your next project, follow the summary below to determine your best course of action.

#### Planning permission IS required

- If you are resurfacing the front of your property with an impermeable material.
- Should your required area exceed 5m<sup>2</sup>
  and you would like to use a conventional
  impermeable concrete block paver such
  as Chelsea, Barbican or ReadyRoad.

#### Planning permission IS NOT required

- If you use permeable materials such as CEMEX's ReadyFlow<sup>™</sup> products on a new or replacement driveway of any size.
- If the rainwater is directed to a lawn or border to drain naturally.

See pages 12-17 for our permeable range.

#### Applying for planning permission

- It is the responsibility of the homeowner to apply for planning permission before the landscaping project is due to start.
- Drawn plans must be submited with your applications for consideration.
- Planning applications cost £175\*
   which is payable by the homeowner.
- It takes approx 8 weeks for a decision to be made on the application.

For further information and guidance visit www.environment-agency.gov.uk or www.planningportal.gov.uk.

#### Where to buy your paving

Before making the important decision on style and colour, it is worthwhile ordering samples or visiting a builders merchant display, for details email: gb-concreteproducts.sales@cemex.com

\*Price correct as of November 2012.







Work, play and entertain. Create the space that's right for you.





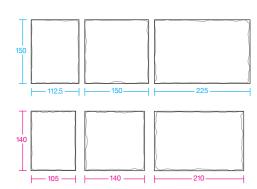


## Life begins in the garden... sit back, relax and escape.



#### Chelsea

Available sizes (mm)



transports you back to yesteryear when traditional elegance was paramount. With its beautiful rustic appearance, this distinguished sett can make any garden feel like home. The tumbled edges and beautiful soft subtle shades of our

Chelsea pavers will give your pathways an instant heritage worn effect complimenting any type of build or garden.

Warm, timeless and classic; our Chelsea range immediately

To make more of the Chelsea range, mix and match the various sized blocks to make a random pattern that's unique to you and your garden.

#### Available colours (\*)



- 4. Burnt Ember
- 5. Sunrise 2. Burnt Elm 6. Charcoal

3. Autumn Hue

7. Graphite

## Rest assured, we have the quality control and environmental credentials that make a difference.

In the manufacture of Landscaping Products, CEMEX strive to minimse the impact on the wider environment. **CEMEX Concrete Products are** accredited to ISO 14001 (Environmental) and BES 6001 (Responsible Sourcing).

The carbon footprint of our Landscaping Products is minimsed through the use of cementitous replacement materials where possible. In additon we have invested significantly in order to reharvest water at many of our product sites.

CEMEX also strive to maximise the use of (quality controlled) recycled materials where possible.

ISO 9001 (Quality) accredited and soon to be CE compliant (a legal requirement by July 2013), all CEMEX Concrete Product plants have been externally audited throughout 2012 and are all recommended for CE accreditation in 2013 for product quality.

• 60mm thickness

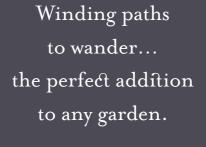
















## Traditional looks with modern sensibilities.



#### Lothian

Available sizes (mm)

• 50mm thickness

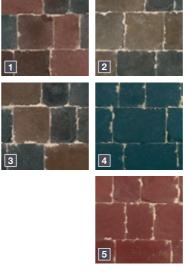


A modern twist on our classic tumbled paver. Whilst the **Lothian** range retains the timeless and classic charm of a traditional stone sett, its rustic appearance is softer, more subtle, more delicate than our Chelsea paver.

All outside areas can benefit from the beauty and durability of our Lothian Setts. This modern paver has the visual characteristics of a stone sett with a weathered appearance but stays up to date - like many a fashionable item of yesteryear that makes a return in the modern day just with the aid of a slight tweak ensuring its fit and hip for the 21st century.

The Setts are available in a three size multipack, which can be combined to form various patterns with consistent row widths, to suit any design.

#### Available colours (\*)



- 1. Burnt Ember
- Burnt Elm
   Autumn Hue
- 4. Charcoal
- 5. Red

## A solid consistancy, in both product and service.

#### Testimonials from some of our customers.

"CEMEX are nominated by my branch as our supplier of the year. All in all, a good range of products for the market, competitively priced from a supplier who is always prepared to go the extra mile to help."

Roger Brown, Branch Manager, Keyline, Ashford

"CEMEX are a company I can rely on to satisfy my needs. Friendly staff and competitive rates are a winning combination for us as a merchant - and they are certainly both there in abundance when I think of CEMEX."

Jamie Keleher,

Jamie Keleher, Senior Sales Negotiator, Keyline, Northfleet "You can always rely on the CEMEX team for their invaluable knowledge and support. Great products, great service and great staff."

Joe O'Sullivan, Managing Director, Allsands, Maidstone.

"We deal with CEMEX on a day to day basis and have a very good working relationship with them. If we need something done in a hurry we know they will turn it round for us. CEMEX are our main supplier for blocks and block paving and its not just down to price."

Jon Nicholls Sales Office Manager,

Longwater Construction Supplies Ltd, East Anglia.



Stylish outdoor living... what sunny days were invented for.





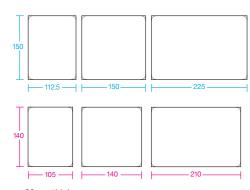




# Create charming, meandering pathways worthy of following.

#### Barbican

#### Available sizes (mm)



• 60mm thickness

• 50mm thickness

For a smooth finish perfect for any setting, this stylish sett gives your home a fashionable air of distinction. Undulating sleek lines make it perfect for driveways and gardens adding a sense of style and class.

By using one or all three sizes and the subtle colours of the Barbican sett you can create a paving solution to suit either contemporary or traditional settings.

#### Available colours (\*)



4. Burnt Ember

6. Charcoal

- 1. Wheatmeal
- 2. Burnt Elm
- 3. Autumn Hue

## Good looking and practical - paving used to full effect.

#### Harewood Avenue, Bournemouth

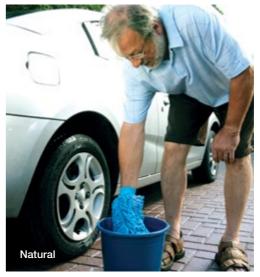
This desirable family home in Bournemouth already had ample greenary, being surrounded by mature trees and shrubs. The owners wanted "extra oomph" to lift their home's looks and decided to replace the tarmac single drive and lawn to the front of their property with an all-over paved driveway. The use of ReadyPave™ Autumn Hue paving provided both practicality and complimentary aesthetics to create a low maintenance, durable, safe surface to take the rigours of family use day after day, yet still look good year after year after year.



\*Colour variations may occur, we advise the actual product is viewed before choosing your paving. Regional variations may also occur between CEMEX locations due to the use of locally sourced raw materials. Wheatmeal is available in 60mm only









Solid and sturdy ~ a firm favourite for driveways.





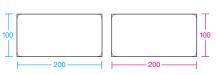
# Get a premium driveway for less than you might think.



ReadyRoad 60 & ReadyDrive 50

A simple and stylish paving block, ReadyRoad 60 and ReadyDrive 50 are ideal for the budget conscious families and couples alike. With its sleek smooth finish and an array of colours to choose from you can create your conventional driveway. And to add your own personal twist that will really show off your new driveway finish off your project

Available sizes (mm)



• 60mm thickness

• 50mm thickness

with edging in a contrasting colour.



For edging products turn to page 18.

#### Available colours (\*)



- 2. Wheatmeal
- 3. Charcoal
- 4. Red

- 5. Burnt Ember 6. Autumn Hue
- 7. Sunrise
- 8. Graphite

## A smooth drive, right to the front door.

#### Flaghead Road, Poole, Dorset.

This exclusive development of four modern executive properties just a stones throw from Poole harbour, heavily featured a nautical theme. High grade fittings in stainless steel, glass and the extensive use of teak throughout, asserted an exceptional level of quality and individuality.

This design and construction ethos was carried into the grounds. ReadyPave $^{\text{TM}}$ block paving in charcoal was chosen to add impact and to compliment the developers aim in creating an eye catching statement, but without a compromise in quality and functionality.

\*Colour variations may occur, we advise the actual product is viewed before choosing your paving. Regional variations may also occur between CEMEX locations due to the use of locally sourced raw material:





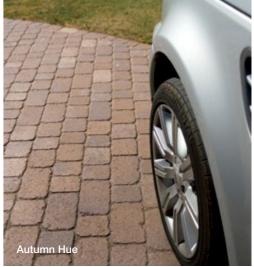






A great product for your home and the environment.



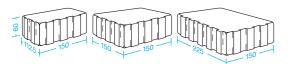


## Thinking of the future with our traditional style permeable range.



Chelsea ReadyFlow™ 60

Available sizes (mm)



Only available in 60mm thickness.

The Chelsea ReadyFlow™ 60 has a traditional tumbled appearance giving a touch of heritage and style to any garden or driveway.

With it's specially designed spacing profile the Chelsea ReadyFlow™ 60 allows full control of any surface water to be channeled away into the subgrade or a drainage system whilst maintaining the integrity of the structure.

An added benefit of this great permeable paving product, having been specifically designed to help the surrounding bio-culture is, unlike impermeable products, planning permission will not be required thus saving time and money on your project.

For further information about our permeable paving range see page 3.

### Available colours (\*)





### Low energy eco-home benefits from Chelsea ReadyFlow 60.

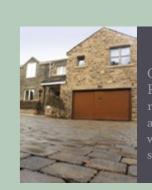
#### Fulwood, Sheffield, South Yorkshire.

An eco-friendly house in Sheffield uses CEMEX's Chelsea ReadyFlow™ 60 to full effect. The house is designed and owned by architect, Neil Ritchie and incorporates Chelsea ReadyFlow™ 60 at the front and sides of the property.

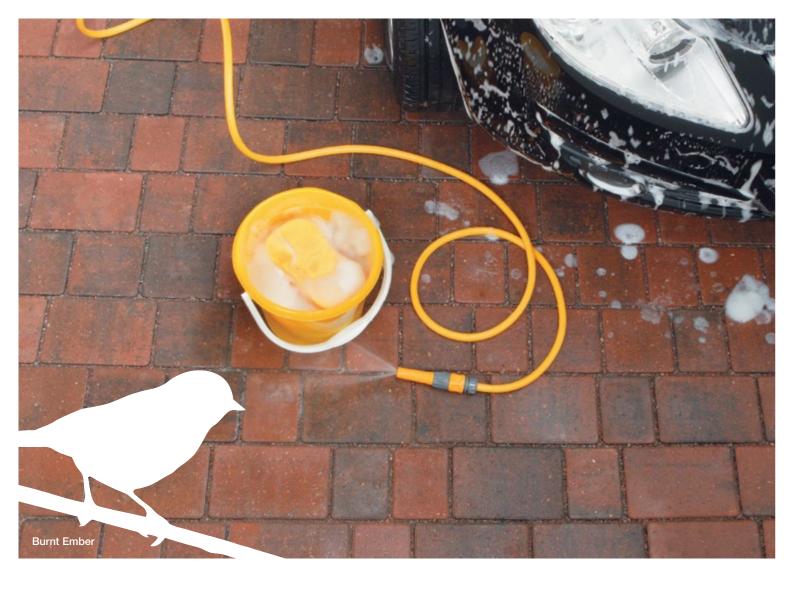
Mr Ritchie designed his new home to be environmentally friendly and cost neutral, and wanted to utilise a concrete block permeable paver to help reduce surface water run-off from his property situated in Sheffield's green belt.

Chelsea ReadyFlow™ 60 was chosen by the client for its aesthetic appearance and permeable properties. The rumbled

concrete block permeable paver is in keeping with the design of the natural stone property whilst managing surface water run-off, to successfully fulfill all of Mr Richie's product requirements.



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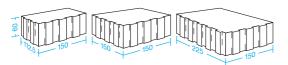






Barbican ReadyFlow™ 60

Available sizes (mm)



Only available in 60mm thickness.

The contemporary appearance of Barbican ReadyFlow™ 60; with it's clean lines and smooth finish is ideal for adding a touch of style to any garden.

Like all of our permeable products, Barbican ReadyFlow™ 60 has been specifically designed to be an effective eco-solution to minimise the risk of flooding in periods of heavy rainfall.

The design functions by dispersing surface water into either a SUDS (Sustainable Urban Drainage System) or into the subgrade which increases water distribution to local vegetation and reduces the amount of rainfall passed into the sewers.

For further information about our permeable paving range see page 3.



#### Available colours (\*)



1. Autumn Hue 2. Burnt Ember 3. Burnt Elm



### Working together for the good of the environment.

As a company, CEMEX take its environmental responsibility very seriously. Everything, from material extraction, to product manufacture, to distribution, are analysed and assessed to ensure that environmental impacts are kept low with the introduction of sustainable processes and partnerships.

CEMEX UK and the Royal Society for the Protection of Birds (RSPB) have been working in close partnership for the last three years and during that time, with the support of the RSPB, CEMEX has created and managed nature habitats equivalent to an area covered by 21 Olympic stadiums.

A Memorandum of Understanding cementing this relationship for another five years has been signed and an ambitious 10-year Biodiversity Strategy which sets challenging targets has begun to take shape. This includes CEMEX UK's goal to create and maintain over 1,000 hectares of conservation habitat by 2020 where it is hoped that endangered bird species will begin to thrive.

RSPB Conservation Director, Martin Harper says: "We're committed to increasing the amount of wildlife rich habitat in our countryside, and that's why this partnership is so important to us".

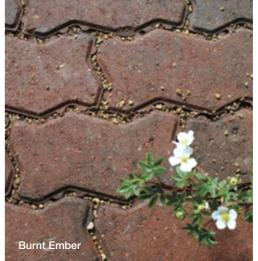
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Driveways that look so good you won't want to park your car on them.











# Being good for the environment has never looked so good.



ReadyFlow™ 80

Available sizes (mm)



Only available in 80mm thickness

ReadyFlow™ 80 is an attractive paving solution ideal for larger areas, be it a driveway or garden.

With it's unique shape, the ReadyFlow™ 80 will add a refined dimension to your project and being available in three distinct colours you can be sure this paver will enhance your property.

The design of ReadyFlow™ 80, like our other permeable pavers, aids the distribution of surface water as set out in the 2008 planning permission law. This law has been passed to decrease the risk of major flooding across the UK by encouraging the use of permeable products. Therefore by choosing from our ReadyFlow™ range you know that you are making an environmental difference.

For further information about our permeable paving range see page 3.

#### Available colours (\*)





3. Natural

1. Burnt Ember

### A tried and tested permeable solution.

#### Bulwell, Nottinghamshire.

A housing development in Nottingham, was the first location to use CEMEX's ReadyFlow™ 80 pavers in road and driveway construction.

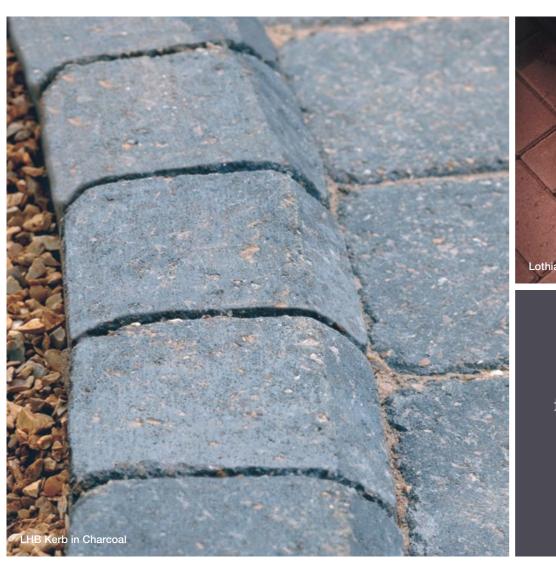
In order to reduce the risk of flooding the development required a concrete block permeable paver to be incorporated into the project.

The high surface area of roads and paving but small scale development meant that there was not enough land for conventional road drainage and soakaway systems, making it ideal for a permeable paving solution like ReadyFlow<sup>™</sup> from CEMEX.

The architect and designers used over 1000 sq metres of ReadyFlow™ paving to successfully create self-draining roads and driveways.



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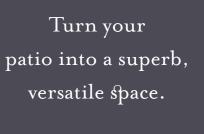




A finishing touch for a great garden.











# Give your garden or driveway paving project the edge.

### Kerb-Setts

To finish your project in style our ReadyPave™ Kerb-Sett offers excellent versatility.

Kerbs can be laid in three different profiles:

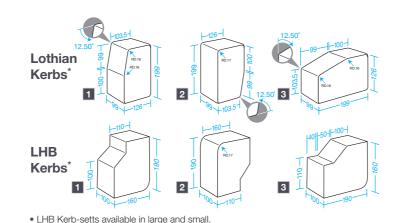
1 High Splay
2 Bullnose
3 Low Splay

Lothian colours: Charcoal.

LHB colours: Charcoal.

Other colours are made to order.

#### Available sizes (mm)



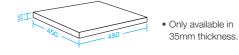
# Beautiful, cost effective paving that's perfect for any garden.

### 1

#### Dovedale

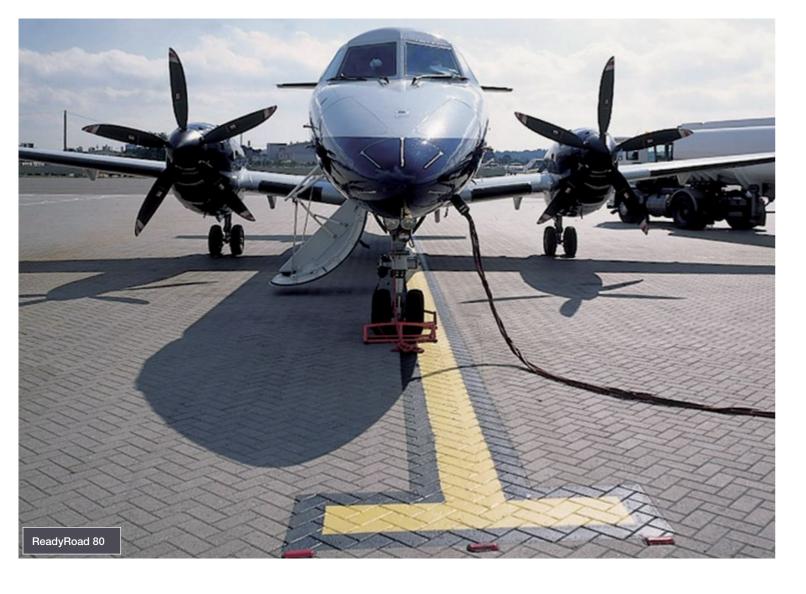
Our Dovedale Smooth and Dovedale Riven slabs are designed to be a practical and cost effective paving solution. Any garden or larger landscaping project can be enhanced with these quality slabs.

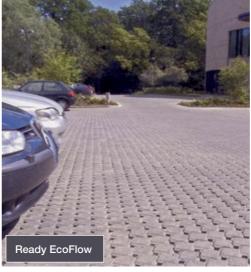
Available sizes (mm)

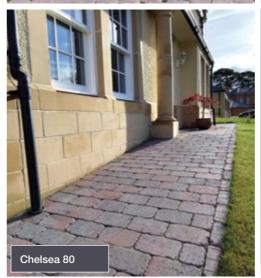


#### Available colours (\*)





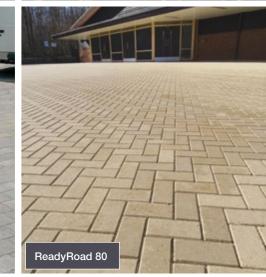














#### Commercial

#### **Ready EcoFlow**

- Suitable for use in Sustainable Urban Drainage Schemes
- Compatible with ReadyLoc, ReadyColoc and Kerb-Setts.
- Provides drainage capacity in excess of 3.5 l/m²/sec.
- Suitable applications; commercial traffic, pedestrianised areas and car parks.

#### ReadyColoc

- Unique 'L' shaped format interlocks each block.
- Compatible with ReadyLoc, Ready EcoFlow and Kerb-Setts.
- Manufactured in clusters for mechanical installation.
- Suitable applications; commercial traffic, pedestrianised areas and car parks.

- Compatible with Ready EcoFlow, ReadyColoc & Kerb-Setts.
- Suitable applications; commercial traffic, pedestrianised areas and car parks.

#### Chelsea 80

- Tumbled traditional appearance concrete block paving.
- Compatible with Chelsea Kerb-Sett.
- Available in 80mm (made to order) and 60mm.
- Suitable applications; pedestrianised areas and traditional market towns.

#### Barbican 80

- · Contemporary appearance concrete block paving.
- Compatible with Kerb-Setts.
- Available in 80mm (made to order) and 60mm.
- Suitable applications; pedestrianised areas, supermarkets and commercial applications.

#### ReadRoad 80

- Highly adaptable and durable concrete block paving.
- Compatible with Kerb-Setts.
- Suitable applications; towns, car parks, lorry parks, airports and freight terminals.

#### Available colours (\*)

#### Ready EcoFlow

- Charcoal
- Burnt Ember

#### ReadyColoc Made to order in all colours

#### ReadyLoc

- Natural Grey
- Charcoal
- Burnt Ember

#### Chelsea 80

- Autumn Hue
- Burnt Elm
- Burnt Ember Charcoal
- Wheatmeal
- Sunrise

- Natural Grey

#### ReadyRoad 80

• Autumn Hue Natural

Barbican 80

Burnt Elm

Charcoal

Sunrise

Wheatmeal

• Autumn Hue

• Burnt Ember

- Burnt Ember
- Charcoal
- Sunrise Wheatmeal
- Red
- Graphite

### Paved areas for a growing business ~ the garden centre's choice.

#### Houghton Hall Garden Centre, Carlisle.

Opened in 2006, Houghton Hall is a large garden centre with a comprehensive plant area, the Topiary Coffee Shop, a gift shop, farm shop, clothes shop, models and hobbies, hot springs spas, outdoor eating area, children's play area, and more. The outdoor plant area has been created from the original walled kitchen garden of Houghton Hall and is the perfect setting for choosing plants.

The flagship of the Klondyke company and the North West's premier garden centre, a paving product that relflected this pedigree was required. Over 6,500m<sup>2</sup> of ReadyPave Chelsea in Burnt Elm

was supplied for pedestrianised areas and the outdoor plant areas throughout. The traditional appearance and hardwearing nature of the product were the perfect match of looks and performance.

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20 \*Colour variations may occur, we advise the actual product is viewed before choosing your paving. Regional variations may also occur between CEMEX locations due to the use of locally sourced raw materials

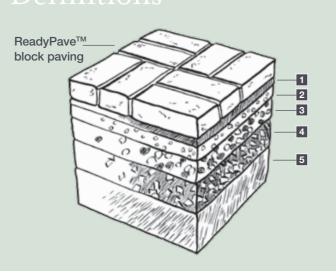


# The best way to lay ReadyPave™ block paving.

ReadyPave™ block paving can be used for a diverse range of applications but you must always bear in mind the end use of the area you are planning. With driveways the stresses applied will be considerably greater than of a patio for instance, and for that reason the structure will be different.

ReadyPave™ concrete block paving can be bedded on a coarse sand or alternatively can be mortared into place like bricks or paving slabs. Their close-fitting design means they can be held firmly in position simply by vibrating sand in between the joints.

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## Laying Course (Bedding Course) A layer of sand or a 2/6mm grading to BS EN 12620\* that is screeded for bedding the pavers on.

2 Roadbase (when required)
One or more layers above the sub-base that constitutes a structural element of a flexible or composite pavement.

#### 3 Sub-base

A designed material thickness placed immediately above the Subgrade to give support to surface course. Sub-base course material can be compacted aggregate (4/20mm grading to

BS EN 12620\*), cement or asphalt stabilised aggregate, asphalt or concrete.

#### 4 Subgrade Improvement Layer

A layer of granular or treated material at the top of the subgrade to provide a working surface and an improved foundation for the pavement. Also to provide a wearing platform during the construction process.

#### 5 Subgrade

Part of the soil, naturally or constructed, that supports the load transmitted by the overlying pavement.

#### Do it yourself

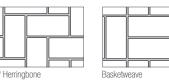
#### Laying for paths and patios

ReadyPave<sup>™</sup> paths and patios can add interest and diversity to your garden, but plan carefully. It's important to have a plan of what you want to do and map out which areas are to be paved before you start.

- Mark out the shape of the paved area using a string line and wooden pegs.
   Strip away the surface debris in the marked area and dig out the surface to a depth of about 15cm (6").
- Compact the base with a post or heavy rake, but for large areas a plate vibrator can be hired.
- 3. The restraints of the paved area are made from concrete block pavers laid on their edge in a stacking bond, bedded on a damp mortar mix, checked with a spirit level. You can also use wooden battens secured in position you will need to fix a temporary wooden batten against existing walls, to support the board used to strike the sand level.
- 4. When the edging course of bricks has set, the inner sections of the area are

- covered with a layer of dry sand 7-8cm (23/4-3") deep. Use a length of wood to compact and level the sand, using the restraints or the temporary supports to determine the correct height.
- 5. Lay the pavers in the pattern you've decided on, laying a couple of square meters at a time. With some patterns, such as herringbone, you will have to cut some pavers to finish off the edges. This can be done with a block cutter (it's best to hire this), or with a bolster.
- 6. Brush dry fine sand over the pavers, ensuring that as much as possible trickles between the joints. Repeat until no more sand seems to be accepted, then use a flat-plate vibrator to settle this sand between the joints.
- 7. Brush in more sand, and vibrate again, repeating until the paving is stable and no more sand is accepted. If you can't hire a vibrator, you can use a board and mallet instead, but this is a more tedious method and not as satisfactory.

#### **Laying patterns**







**Hints & Tips** 

#### Design tips

- Use plants of varying heights to flood the garden with an abundance of charm.
- Pave over concrete to visually soften the surface and make it appear less rigid.
- Avoid overly straight walks which preclude imaginative planting.
- Consider negotiating elevation changes in a walkway with steps rather than a slope

#### Practical tips

- With patios, decks and foundations it is vital that the square or rectangular base is made up of right angles, at least where intended. Use a builders square to check.
- Ensure you never walk over the sand used for bedding, even if smoothed out, this will compress the sand in areas and give you an uneven finish over time.

#### Finishing touches

- As in points 6 and 7 (previous column), kiln dried sand should be brushed over the entire area to completely fill the joints.
- To ensure the optimum performance and appearance of your new landscape, use Rugby™ Kiln Dried Sand\* which is graded to suit paving block applications. It is ideal for brushing-in, will fill joints completely (normally with one application) and will not stain your blocks like some quarry materials.

\*Products available from CEMEX. Please call the National Product Helpline: 0800 667 827 or e-mail: gb-enquiries@cemex.com