



## ABOUT CEMEX

CEMEX is a growing global building materials solutions company pursuing innovative industry advancements whilst promoting a sustainable future. Annual sales in over 50 countries exceed US\$ 23 billion. The company is one of the world's leading suppliers of ready-mixed concrete, one of the largest producers of aggregates, and among the world's top traders of cement and clinker. CEMEX employs over 60,000 people worldwide.

In the UK, CEMEX is a leading provider of readymix concrete, aggregates, screed, cement and asphalt. CEMEX UK also has a significant share of the roof tile, concrete block paver and concrete block markets, and is the leading supplier of concrete sleepers to the rail industry.

**For more information contact  
our Asphalt Helpline**  
Tel: 0800 667 827  
E-mail: [gb-enquiries@cemex.com](mailto:gb-enquiries@cemex.com)

**Or visit our website at**  
[www.cemex.co.uk/asphalt](http://www.cemex.co.uk/asphalt)

 **Innovation in Asphalt**

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# 'VIA' RANGE

## » INTRODUCTION

CEMEX's 'VIA' range of Asphalts offer a cost effective, high performance solution for highway and local authorities, housing developers and even home owners looking for a new driveway.

Experts at the CEMEX UK National Technical Centre are available to discuss your specific requirements and applications.



# VIATEX®

## » THIN SURFACE COURSE SYSTEM

- › BBA HAPAS approved
- › Excellent durability
- › Good texture and retention
- › Excellent skid resistance
- › Deformation resistant
- › Reduced spray
- › Lower surface noise

VIATEX® is a thin surface course asphalt developed by CEMEX to meet the specific needs of the UK market. Due to its stable aggregate skeleton, it is able to provide significant benefits to the road user, the surfacing contractor and the highways specifying authority. VIATEX® also makes an important contribution to noise reduction objectives on the UK road network.

In essence, the structure of VIATEX® and the combination of its various components result in a material exhibiting a high resistance to rutting, excellent durability and the ability to achieve a texture depth designed to meet a site's particular requirements.

### DESIGN

In designing VIATEX®, CEMEX has engineered a material to meet the high specification requirements of the road network. In doing so, the choice available to those involved in highway construction and maintenance has significantly expanded. This is further illustrated by the additional products available in the 'VIA' range.

VIATEX® of 14mm and 10mm nominal size has been assessed under the Highway Authorities Product Approval Scheme (HAPAS) and is described in certificate No: 01/HO51.

### COMPOSITION

VIATEX® is made up of the following components:

- › Selected coarse aggregate
- › Fine aggregate
- › Filler
- › Bitumen binder
- › Cellulose fibres

The stable aggregate skeleton is bound with mastic made up of the components listed. In order to ensure a high level of durability, the mixture contains a designed air voids content. In order to maintain long term durability VIATEX® has a designed binder content. The introduction of a stabiliser in the form of cellulose fibres is designed to prevent binder migration and to enhance the performance of the material. The mixture therefore provides a dense, impervious layer meeting the required contract surface texture levels.

PERFORMANCE  
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# VIAPAVE®

## » POLYMER MODIFIED THIN SURFACE COURSE SYSTEM

- › BBA HAPAS approved
- › Excellent durability
- › Good texture and retention
- › Excellent skid resistance
- › Deformation resistant
- › Reduced spray
- › Lower surface noise

VIAPAVE® is a thin surface course asphalt designed by CEMEX to meet the demands of modern highways. Due to its stable aggregate skeleton/Polymer Modified Binder it is able to provide significant benefits to the road user, the surfacing contractor and the highways specifying authority.

VIAPAVE® also makes an important contribution to noise reduction objectives on the UK road network. The reduction in noise is even better than that obtained with systems based on stone mastic asphalt.

In essence, the structure of VIAPAVE® and the combination of its various components result in a material exhibiting a high resistance to rutting, excellent durability and the ability to achieve a texture depth designed to meet a site's particular requirements.

### DESIGN

Operating under the tight controls of the United Kingdom Accreditation Service (UKAS), VIAPAVE® is designed and controlled by the National Technical Centre in Warwickshire to ensure optimum performance, such as:

- › Resistance to rutting
- › Binder content
- › Anti binder drainage properties
- › Control of exclusively selected raw materials to exacting high standards

VIAPAVE® of 14mm and 10mm nominal sizes has been assessed under the Highway Authorities Product Approval Scheme (HAPAS) and is described in certificate No: 01/HO51.

### COMPOSITION

VIAPAVE® is made up of the following components:

- › Selected coarse aggregate
- › Fine aggregate
- › Filler
- › Selected Polymer Modified Bitumen binder

The stable aggregate skeleton is bound with the binder designed to perform the role of stabilising the overall skeleton of the mixture and thus forming the basis of the excellent performance properties.

In order to ensure a high level of durability, the mixture contains a designed air voids content. VIAPAVE® benefits from the properties of the binder used and is designed for the demanding highway environment.

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# VIABASE®

## » STONE MASTIC ASPHALT (SMA) BINDER COURSE

VIABASE® is an innovative SMA binder course that provides a cost effective, performance driven solution to modern road maintenance strategies.

As thin surfacing systems have become more widespread in their use, maintenance strategies have undergone a subtle change. Surface dressing has declined significantly in the UK and with local authorities having to take on an increased burden of highway management and maintenance, new, more cost effective approaches are being adopted.

VIABASE® is a high performance binder course for use when thicker, older type surfacing is replaced with modern thin surface course systems such as VIATEX® or VIAPAVE®.

- › BBA HAPAS approved
- › Excellent durability
- › Good texture and retention
- › Excellent skid resistance
- › Deformation resistant
- › Reduced spray
- › Lower surface noise
- › Highly Waterproof

### DESIGN

VIABASE® is designed to have a low controlled level of air voids achieved through a design procedure in the laboratory and when compacted provides an impermeable waterproofing layer. It can be compacted easily in thin layers unlike conventional materials. It displays the same anti-rutting characteristics as the thin surfacing system it is designed to complement.

VIABASE® provides the 'sandwich filling' between an existing sound base and a new thin surface course. It represents a viable approach to providing adequate regulation and is particularly appropriate where, for example, a failed surface course (such as Hot Rolled Asphalt incorporating pre-coated chippings) has to be removed and difficult and varying thicknesses of material have to be replaced.

For example, where 50mm of worn out surface has to be replaced, VIABASE® bridges the gap between the thin surface course (normally 15mm to 40mm) and the sound base or substrate to be improved.

VIABASE® represents an ideal, low deformation, regulating medium and as such provides a cost effective solution to the problems presented to engineers in such circumstances.

It is appropriate for use on bridge-decks as it can be laid in thicknesses from as little as 10mm up to 60mm, when a 20mm nominal size aggregate is used. Highways Agencies and Local Authorities also use VIABASE® on motorways and trunk roads, particularly under thin surfacing.

Where road maintenance and repair requires planing out a worn surface, it often means planing to a depth of 50 – 60mm. To replace this with just a surface

course containing high PSV aggregate is costly and wasteful of the diminishing reserves of this aggregate. VIABASE® provides an answer with a high quality SMA material that will regulate and provide sound base on which to lay the thin surface course. High PSV aggregate only needs to be used in the thin surface course, reducing its use by approximately 50%.

### COMPOSITION

VIABASE® is a stone mastic asphalt binder course consisting of a limestone aggregate, sand, filler, cellulose fibres and a bitumen binder. The aggregate is more continuously graded than it would be for a thin surface course system, because it is not necessary for VIABASE® to provide surface texture.

VIABASE® satisfies the Highways Agency's requirements for SMA binder and regulating courses given in Clause 937 of the Specification for Highway Works.



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# TECHNICAL INFORMATION

## » VIATEX® / VIAPAVE® / VIABASE®

### PERFORMANCE

VIATEX®, VIAPAVE® and VIABASE® have extremely good deformation resistance due to the aggregate skeleton described. Typical wheel tracking rates of less than 1mm per hour at 40°C and 2mm per hour at 60°C have been measured. The mastic fills the voids in the skeleton and the additives assist in the increase in the thickness of the binder coating.

These materials also demonstrate high durability and resistance to age hardening by virtue of its low void content and thick binder film. They are therefore resistant to premature cracking and damage by moisture.

### SKIDDING RESISTANCE

VIATEX® and VIAPAVE® are produced using a high PSV aggregate to provide the specified skidding resistance.

### CLAUSES

Thin surfacing systems have been in use in the UK since 1991 and are specified by the Highways Agency and other authorities through Clause 942 of the Highways Agency Specification for Roads and Bridges.

Thin surfacing systems in accordance with Clause 942 are now listed in the Highways Agency Design Manual for Roads and Bridges (HD 36) and more guidance can be found in the Specification for Highway Works Volume 2 – Notes for Guidance Clause 942.

### NOISE REDUCTION

The surface texture is produced as a negative texture by the screed of the paving machine; as a result VIATEX® and VIAPAVE® surfaces display the significant benefits of reduced traffic noise when compared with conventional surfacing materials, and a reduction in the generation of wet weather spray.

### FUEL RESISTANCE

VIATEX® FR and VIAPAVE® FR are specially designed to limit the potential damage to bituminous surfaces caused by fuel and oil spillages, combined with superior durability for heavy duty applications, including:

- › Terminals
- › Depots
- › Forecourts
- › Petrol Stations
- › Car Parks
- › Service areas
- › Airfields
- › Ports
- › Warehouses

The use of a fuel resistant binder considerably reduces the effect of oil and petrochemical contamination on the finished asphalt surface. The strength and durability of the material is further demonstrated by a typical wheel-tracking rate of 1.2 to 1.4mm/h at 45°C.

### THIN LAYERS

VIATEX® and VIAPAVE® can be laid in thin layers if required; in accordance with the relevant categories described in the BBA/HAPAS Guidelines document as follows;

- › Type A – 0 – 18mm
- › Type B – 18 – 25mm
- › Type C – 25mm – 50mm

### SPECIFICATION

VIATEX® and VIAPAVE® are a versatile solution which can be used in a wide range of applications. In order to achieve the desired properties for such an application range, the mixture variations available are illustrated in the table opposite.

### THIS TABLE APPLIES TO VIATEX® AND VIAPAVE® ONLY

Application	Thickness (mm)	Surface texture (mm)		PSV	Nominal Sizes (mm)	Binder Type (pen)	
		VIATEX®	VIAPAVE®			VIATEX®	VIAPAVE®
High speed roads where a structural contribution is required	30 – 50	+1.5	+1.5	+55 +60 +62 +65 +68	14	40/60	Polmer Modified Binder
Generally for roads in urban areas where little structural contribution is required	25 – 50	+1.0	+1.5	+55 +60 +62 +65 +68	10	40/60	Polmer Modified Binder
Low traffic roads, industrial sites, etc.	15 – 20	+0.7	+1.0	As required	6	40/60	Polmer Modified Binder

### AVAILABILITY

The 'VIA' range is available nationally from the CEMEX network of regional operating companies. For more information and quotations please use the Contact Directory on our website [www.cemex.co.uk/asphalt](http://www.cemex.co.uk/asphalt) to find your local office number.

For specification support, additional literature or advice contact our Asphalt Helpline on **0800 667 827**.

### HEALTH AND SAFETY

A complete asphalt COSHH health and safety datasheet is also available on request or from our website.

### TECHNICAL SUPPORT

CEMEX has a fully equipped laboratory at the National Technical Centre in Warwickshire. This is where all development, design and support comes from for all

of the 'VIA' range of products as well as a wide range of standard and non-standard mixes. This laboratory is equipped with the latest technology and staffed by a dedicated management team and highly skilled operatives. Throughout the UK there is also a network of dedicated Quality Control laboratories.

CEMEX also operates high standards of Quality Assurance within the UK as follows:

- › BS EN ISO 9001 - for Quality Management Systems
- › BS EN ISO 14001 - for Environmental Management Systems
- › National Highway Sector Scheme Number 14 for the Production of Asphalt Mixes
- › National Highway Sector Scheme Number 16 for the Installation Pavement Layers

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# VIADRIVE®

## » DURABLE SURFACING FOR DRIVEWAYS AND ACCESS AREAS

VIADRIVE® is a surfacing system specifically developed to provide a durable and aesthetically pleasing surface for driveways and access roads.

Conventional surfacing materials have traditionally provided a low maintenance and cost effective solution for driveways, access areas and parking zones.

- › Superior performance
- › Excellent durability
- › Suitable for high stress, low speed traffic
- › Reduces damage caused by power steering

Nevertheless, as extended periods of warmer weather have become more frequent and the use of power steering more widespread, the need for a material that is much more resistant to these kind of stresses has become apparent.

VIADRIVE® has been specially designed to overcome these problems at the same time as continuing to provide the benefits that traditional materials have successfully displayed for many years. VIADRIVE®'s strength and durability is due to the design and inclusion of a combination of components which result in a superior performance. This now results in the ability of the material to overcome issues commonly associated with these types of material.

### DESCRIPTION

VIADRIVE® consists of selected aggregates (Nominal 10mm & 6mm) and can be laid at nominal thicknesses to suit the installation. The strength and durability of the material is due to the nature of the aggregate employed, the inclusion of penetration grade bitumen plus stabilising additives, such as cellulose fibres and filler to create a mastic that successfully binds the aggregate skeleton together.

This gives a smooth surface appearance and provides an aesthetically pleasing finish.

### APPLICATION

VIADRIVE® has been designed to provide a surface that is much more resistant to high stresses experienced in shared driveways, areas with restricted turning circles and particular in response to the added stress caused by power steering.

VIADRIVE® has been successfully used by housebuilders and their contractors for domestic driveways for many years and has also been specified for public parking areas, access routes for industrial units and other similar applications where the stresses described may be experienced.

### INSTALLATION

VIADRIVE® can be installed by conventional methods by a specialised asphalt surfacing contractor, for more detailed information please refer to:

- › VIADRIVE® Advice Note – Surfacing Contractor Guide. Available to download from [www.cemex.co.uk/asphalt](http://www.cemex.co.uk/asphalt)
- › VIADRIVE® Advice Note – Care and Maintenance Guide. Available to download from [www.cemex.co.uk/asphalt](http://www.cemex.co.uk/asphalt)

### AVAILABILITY

VIADRIVE® can be supplied from our Network of Asphalt Plants in the UK, please contact your nearest Customer Service Centre

Alternatively CEMEX UK Construction Services Ltd can offer a full supply and installation package, please visit [www.cemex.co.uk](http://www.cemex.co.uk) for more details or call 0800 667 827.



### PERFORMANCE

### INNOVATION

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# VIASHADE®

## » COLOURED ASPHALT SOLUTIONS

- › A true "coloured" Asphalt
- › Available in three colours
- › Colour stable

The use of colour is now without doubt an extremely important element in modern construction and landscaping. Coloured bituminous surfaces can be used either purely aesthetically or to fulfil specific functional or design criteria. They can effectively delineate particular areas, such as parking bays, cycle and bus lanes and through routes and enhance safety standards on estate roads by emphasising their primarily residential use.

### GENERAL APPLICATIONS AND USES

- › Visual links between buildings or areas
- › Enhanced impact of large areas by using coloured patterns
- › Provide corporate colours for car parks
- › Blend in a development with its surroundings
- › Enhance dark or dull areas
- › Mark specific areas to make them user friendly
- › Enhance other paved material
- › Identify play and recreational areas

### SAFETY AND HIGHWAY APPLICATIONS

- › Clear, bright demarcation of trafficked areas
- › Traffic calming
- › Emergency routes
- › Disabled persons access routes
- › Junctions
- › Lane identification
- › Pedestrian areas and walkways
- › Cycle ways
- › Bus lanes

### TYPES OF COLOURED SURFACING

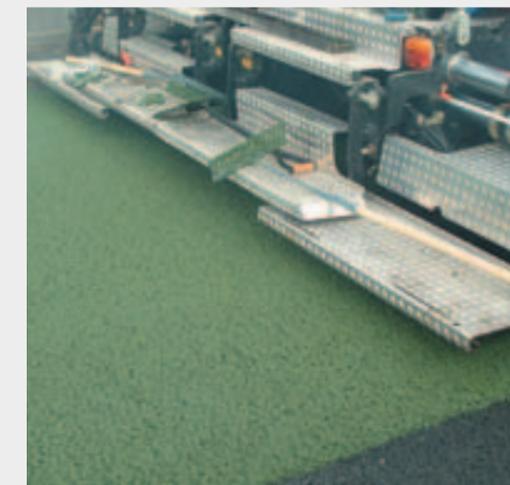
With the increased demand for coloured surfaces there are now many products being offered under the label of 'Coloured Surfacing' but some of these products are little more than paints or dyes which can result in poor durability. It is therefore essential to consider the function and use of an area before deciding on a suitable product or system.

There are three basic ways in which colour can be incorporated into a surface course during manufacture of the mix. These are:

- a) simply by incorporating aggregate of the required colour in the normal bitumen-bound asphalt mix.
- b) by adding a pigment, together with an aggregate of a complementary colour where necessary, to an asphalt mix bound with a bitumen, or a synthetic bitumen binder.
- c) by incorporating aggregate of the chosen colour with or without addition of pigment in an asphalt mix that is bound with clear resin binder rather than the normal bitumen binder.

While 'b' and 'c' will provide an immediate colouration of the mix, in the case of 'a' the colour will only become apparent in the surfacing after the surface binder film has been removed by traffic and weathering. The process will, therefore, only be effective on well-trafficked roads and even then the colour is likely to take some time to develop and may only show in the wheel tracked areas. Process 'a' should not, therefore, be considered for sites where an immediate colour effect is required.

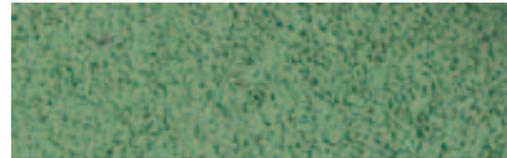
VIASHADE® is a true coloured asphalt with road quality coloured aggregate, pigmented clear binders and conventionally laid to normal surface course depths.



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**COLOURED**

VIASHADE® has been developed and tested through a carefully controlled research and development programme. Working closely with selected suppliers to ensure the clear binders and the pigments selected provide the consistent quality and durability required and are suitable for the traffic categories specified.



VIASHADE® GREEN



VIASHADE® BUFF



VIASHADE® RED

**VIASHADE® VS1** is 6mm nominal dense graded, normally laid at 25mm and is suitable for car parks, footpaths, play areas and light traffic. **Not suitable for high stress areas.**

**VIASHADE® VS2** is 10mm close graded, normally laid at 35mm and is suitable for more robust car parks, superstore car parks etc.

**VIASHADE® VS3** is a 6mm SMA type mixture suitable for driveways and car parks where stress is involved, usually laid at 25mm.

**VIASHADE® VS4** is a 10mm SMA type mixture suitable for heavy duty use, such as bus lanes and highly trafficked areas. Laid to 35mm this material is available in red and green only.

These four product specifications are CEMEX standard products and are available throughout the UK. Other colours and mix designs for specific requirements can be requested.

**PROJECT EXAMPLE**

Birmingham’s busy bus lane on the Hagley Road was one of the first sites in the UK to use VIASHADE®.

It was surfaced by CEMEX using trained, certified operators with 400 tonnes of VIASHADE® VS4 heavy duty surface course in green. CEMEX recognised the need for high performance coloured surfacings which could provide high skid resistance and stand up better to heavy trafficking than overlay alternatives.

“One of our policies is to use green coloured surfacing materials on bus lanes to assist in enforcement and to emphasise that the lane is for buses only. Use of other coloured overlays has not always been successful due to their tendency to wear after a few years.”

**Birmingham City Council**

**QUALITY ASSURED**

The production of coloured asphalt requires specialised equipment including binder tanks, pumps, pigment addition systems and very close attention to cleanliness throughout the production, delivery and laying process, even down to the operators boots to ensure there is no contamination from previously handled black bituminous materials.

CEMEX asphalt supplies are certified to ISO 9001:2000 and the Quality Management in Highway Construction Sector Scheme No.14 : Quality Assurance Of The Asphalt Mixes. VIASHADE® can only be laid by approved contractors. CEMEX offers a full supply and installation package for these products through their specialist civil engineering and surfacing business – CEMEX UK Construction Services Ltd

CEMEX is certified to ISO 9001 and ISO 14001 for Quality and Environmental Management respectively.

**VIASHADE® TECHNICAL SPECIFICATION TABLE**

Product Category	VS1	VS2	VS3	VS4
Material Description	0/6mm Dense Surface Course	0/10mm Close Graded Surface Course	0/6mm SMA	0/10mm or 0/14mm SMA
Layer Thickness (mm)	20-30	30-40	18-25	18-30 or 25-40
Initial Texture Depth (mm)	N/A	N/A	0.7	1.0 or 1.5

**INSTALLATION AND SITE PREPARATION**

The system should only be installed on a sound substrate. This surface should be clean and free from deleterious material such as: construction debris, soil, salt, organic matter and spilt asphalt (tailboard scrapings etc.)

The substrate should be dry and free from standing water and ice, especially at the joints. All ruts, cracks and deformations should be appropriately treated or if severe the material replaced, prior to installation.

All ironwork should be raised or lowered as appropriate and the vertical surfaces painted or poured with bitumen.

When tying in with existing material, all joints should be cut to produce a vertical surface and painted and poured with bitumen.

The system should be installed in favourable weather conditions, it should not be laid during precipitation, where surface temperatures are low (less than 0 °C) or where wind speeds are high (greater than 7.5km/h at 0 °C to 25 km/h at 20 °C). This system is ideally installed on a substrate with a surface temperature of 4 °C or above.

A bond coat must always be applied prior to installation. The bond coat must be allowed to break prior to installation.

**PRODUCT DEVELOPMENT**

New products and methods of laying are being developed all the time by the CEMEX UK National Technical Centre and for the best results for any application consult our Helpline on 0800 667 827 to arrange a specialist to discuss your exact requirements.

**Other products available:**

- Coloured and exposed aggregate concrete
- Block and decorative paving
- Free Draining Hard Surfaces for car parks
- Resin Bound Aggregates

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# CEMEX UK CONSTRUCTION SERVICES

## » SURFACING SOLUTIONS

CEMEX UK Construction Services is one of the countries leading surfacing contractors specialising in diverse schemes from major highway and airfield surfacing works to smaller works on car parks and footways.

Through a national network of offices, the business is able to offer a comprehensive range of services to both private and public sector clients.

CEMEX UK Construction Services has the experience and resources for all types of surfacing contracts, whether it be a small private car park or an extensive maintenance contract. With national support from the CEMEX material business, a complete supply and install solution is provided to suite the client's needs.

At CEMEX we promote involvement at the earliest possible stage in order to develop long lasting and sustainable relationships with our clients, whilst actively seeking to improve our service in meeting their needs.

By utilising the latest in paving technology and materials, and operating to the highest possible health and safety standards, CEMEX provide the total solution to any given construction, surfacing and maintenance need.

### » Highways

Construction, surfacing and maintenance solutions for contractors and private sector clients.

### » Infrastructure

Building and maintaining infrastructure from footways and car parks to access roads for developers, contractors and local authorities.

### » Airfields

Surfacing and maintenance of airfield runways, taxiways and other areas to both civil and military standards.

### » Network Maintenance

Comprehensive maintenance support to network owners and operators.

### » Specialist Services

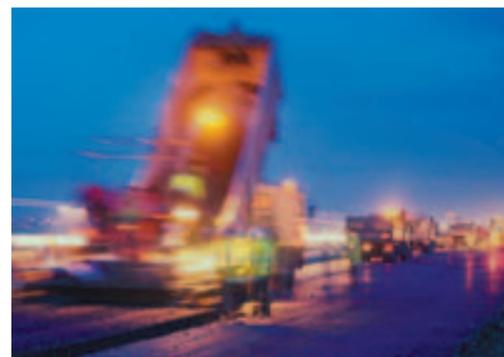
A bespoke range of proprietary products and services aimed to address specific client requirements.

## ACCREDITATIONS

CEMEX UK Construction Services operate a fully integrated management system which is certificated to:

- » BS EN ISO 9001 for quality management
- » BS EN ISO 14001 for environmental management
- » OHSAS 18001 for health and safety management
- » Considerate Constructor
- » Investor in People
- » Green Apple Award winner for Environmental best practice

For more information regarding CEMEX UK Construction Services Ltd, please visit the website to view our brochure and sales offices details or contact our Helpline on **0800 667 827**.



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# NATIONAL TECHNICAL CENTRE

## » EXCELLENCE, INNOVATION AND SUPPORT

CEMEX places great importance on research and development of all product areas in the UK and constantly reviews its capability to deliver cutting edge products and services to customers and stakeholders. The National Technical Centre at Southam in Warwickshire is the result of years of dedication and thorough planning to ensure exactly that.

A dedicated team are in place to ensure that CEMEX is able to meet the needs of its customers with high levels of expertise in the following products:

- » Asphalt
- » Ready mixed concrete
- » Cement
- » Aggregates
- » Mortar and Screeds

This has been achieved through dedication, attention to detail, quality management, investment and training, allowing the team to develop and launch to market many new and innovative solutions.

The National Technical Centre also holds UKAS (United Kingdom Accreditation Service) for 53 British and European Standard test procedures, making it a leader in the race for excellence in the heavy building materials market today.

In order to maintain a high level of support to customers and CEMEX businesses in the UK, recent investments have seen increased capability to accommodate changes to UK and European Highways Standards such as SATS Protocol (Soaked Ageing Tensile Stiffness Modulus) and a suite of test equipment for EME2 (Enrobé à module élevé class 2)

We are always keen to hear from and understand the needs of our customers and are continually engaging with them on a national basis. This has resulted in the introduction of numerous new materials and services.

The National Technical Centre also has strong links with our International Research & Development facility in Switzerland as well as other internationally recognised centres of excellence and Universities around the world.

This makes CEMEX best placed in research, development and support to its customers both now and in the future.

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# SUSTAINABILITY

## » SOCIAL, ECONOMICAL & ENVIRONMENTAL RESPONSIBILITY

As one of the UK's largest suppliers of building material solutions, CEMEX is committed to sustainable development across the business. The principal operations of our business are raw materials extraction, processing, re-using, recycling and distribution of building materials.

### EMBRACING SUSTAINABLE DEVELOPMENT

CEMEX embraces the challenges of sustainable development, in striving to be socially, economically and environmentally responsible in everything we do to safeguard the needs of future generations. And from a commercial perspective, a sustainable approach will allow CEMEX to continue as a preferred supplier to the industry, to drive further efficiencies and ensure long term resources. To deliver this promise we track the following indicators:

1. Reducing emissions
2. Improving efficiency of production and logistics
3. Developing innovative new products and services
4. Engaging employees
5. Increasing transparent dialogue with stakeholders
6. Measuring and controlling impacts
7. Contributing to sustainable communities

For more information visit our website: [www.cemex.co.uk/sustainability](http://www.cemex.co.uk/sustainability)



THE AWARD WINNING ATTENBOROUGH NATURE RESERVE, PREVIOUSLY A CEMEX QUARRY.

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