



# ASPHALT FOR CYCLE LANES & FOOTPATHS

## A QUICK AND EASY SINGLE LAYER SOLUTION

VIAPATH® is a premium modified Asphalt Concrete specifically designed for cyclepaths and footway construction in a single layer.

The carefully designed aggregate grading, coupled with a high bitumen content containing a performance enhancing additive, provides a dense, smooth and durable asphalt which is much easier to install than traditional methods.

The single layer approach used with VIAPATH means that greater outputs can be achieved by the contractor, as well as reducing time and costs associated with multi-layer construction.

### PRODUCT AVAILABILITY

VIAPATH is produced at all CEMEX Asphalt supply plants and can be delivered or collected. VIAPATH can be used all year round by any experienced contractor. The below guidelines should be followed to ensure durability of the surface is maintained.

### QUALITY

All our asphalt production facilities are quality assured to BS EN ISO 9001 and our asphalt is UKCA marked through our third-party certification to BS EN 13108 Factory Production Control.

Through our National Technical Centre based in Southam, we are committed to bring our customers the highest quality and most innovative products in the industry.



### BENEFITS



Rapid construction using a single layer approach.



Reduced construction cost.



Reduced overall construction carbon footprint.



Improved workability & durability.



Improved performance when compared to traditional methods.

### APPLICATIONS

- CYCLE PATHS
- PEDESTRIAN FOOTWAYS
- LIGHT VEHICULAR ACCESS ROADS

VIAPATH is available as a low temperature alternative with our VIALOW solution. Please contact us for more information to improve your sustainability credentials.



Go CarbonNeutral®

Our VIALOW zero asphalts are CarbonNeutral products in accordance with the CarbonNeutral protocol, the leading global framework for carbon neutrality.





## TECHNICAL INFORMATION

VIAPATH has been developed to provide a dense, single layer solution to cyclepath and footway construction. The single layer approach greatly improves the overall durability of the pavement through an increase in strength and a reduction in the potential for water ingress.

The addition of a performance enhancing functional additive to the high binder content in the mix leads to a much lower air void content when compared to traditional multi-layer construction methods. The binder richness of the mix also enhances the material workability and allows for the construction at increased thicknesses.

VIAPATH is supplied as a 10mm nominal size Asphalt Concrete to provide a smooth surface and is available in a range of PSV aggregates.

Typical properties for VIAPATH:

	AIR VOIDS	BS RUT DEPTH (60°C)
VIAPATH	3.5 %	2.2 mm
AC 6 DENSE SURF 100/150	7 %	8.5 mm
AC 20 DENSE BIN 100/150	5 %	6.2 mm

## INSTALLATION

As with all asphalt products, the installation requirements detailed within BS 594987 should be followed by the contractor. Below is a summary of these requirements specific to VIAPATH.

VIAPATH can be installed either by paving machine or through handlaying.

The recommended installation thickness for VIAPATH are:

NOMINAL AGGREGATE SIZE (MM)	NOMINAL LAYER THICKNESS (MM)	MINIMUM THICKNESS AT ANY POINT (MM)
10 mm VIAPATH	30 - 75	25

## DELIVERY

VIAPATH should be delivered or collected using a suitably insulated and sheeted delivery vehicle. If installation is being undertaken by hand, the use of a chuted delivery vehicle may be beneficial to prevent material cooling on site prior to laying. An appropriate release agent such as water or vegetable oil should be used in delivery vehicles. Diesel should not be used as a release agent to clean tools and equipment as it has a detrimental effect on asphalt.

Our network of collect plants sells Leoclean, a heavy-duty cleaner which is ideal for removing mineral oil-based substances such as bitumen and tar. Additionally, we have a wide range of emulsions, sealants, truck sheets and tools to meet your everyday needs.

VIAPATH should be installed on a suitable substrate. Typical construction comprises well compacted subbase, with the required thickness of a single layer of VIAPATH laid above.

*Note: There is no requirement for the use of tack/bondcoat when using a single layer VIAPATH, however in the event of multilayer construction, tack/bond coat should be applied inbetween layers as detailed in BS 594987.*

It is vital to keep VIAPATH as hot as possible prior to installation and final compaction. The minimum acceptable temperature on arrival at the site is 130°C, with final compaction having been achieved before the material has cooled to 110°C.

VIAPATH should not be installed during heavy rain/snow. Laying should cease if the air temperature reaches 0°C on a falling thermometer.

Compaction should be carried out as soon as possible after the VIAPATH has been spread. A minimum 3T roller should be used for compaction. Vibrating rollers are permitted where the thickness requires, however care should be taken if used. Smaller plate compactors/rammers should only be used in areas not accessible by the roller. 8-10 passes of the roller should be suitable in most applications.

VIAPATH should be left to cool before use, and ideally not trafficked for 24 hours.



## MAINTENANCE & AFTERCARE

The dense, smooth finish provided by VIAPATH means that minimal maintenance and aftercare are required. Regular inspection of the surface to identify any defects should be undertaken and these should be addressed as soon as possible to maintain the overall durability of the pavement.

## RESPONSIBLY SOURCED

CEMEX's commitment to sustainable development and ethical and responsible sourcing has been formally recognised through this official accreditation.

The BES 6001 certification complements a range of other ongoing initiatives at CEMEX UK to reduce waste, water, energy use and CO<sub>2</sub> emissions, while increasing the use of alternative fuels and by-products in the manufacturing of building materials.



*The information shown in this datasheet is intended to provide guidance on our products and our knowledge of their benefits. Whilst CEMEX strives to ensure that the information is accurate, we are unable to accept any liability for its use or suitability for a particular application given its use by a third party outside of our supervision.*

### Please contact our sales department on:

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