

ASPHALT FOR MODERN HIGHWAYS

A THIN SURFACE COURSE SYSTEM

VIAPAVE® is a Polymer Modified Thin Surface Course System which has been specifically designed for major highways. Available in 14mm and 10mm nominal sizes, it provides enhanced rut resistance and durability for very heavily trafficked roads.

With a proven track record on some of the UK's busiest roads, VIAPAVE provides a durable surface with reduced noise and spray, whilst maintaining the required level of skid resistance for the road user.

PRODUCT AVAILABILITY

VIAPAVE can only be installed by contractors who are approved by CEMEX. On application, the contractor is provided with a detailed Installation Method Statement which sets out the specific requirements for the transport and installation of the system. These requirements, as well as those set out in BS 594987 must be adhered to in order to ensure the long-term durability and performance of the finished surface. Approval of contractors is based around an initial audit of installation, and subsequent follow-up audits undertaken by representatives of CEMEX.

VIAPAVE is produced at all CEMEX Asphalt supply plants and can be delivered or collected and may be used all year round providing the weather conditions stated in the Installation Method Statement are met.

BENEFITS



BBA HAPAS Approved Thin Surface Course System.



Highly resistant to deformation.



High and low speed skid resistance.



Reduced Noise.



Reduced Spray.



Long Term Durability.

APPLICATIONS

- MOTORWAYS
- TRUNK ROADS
- LOCAL AUTHORITY ROADS



TECHNICAL INFORMATION

VIAPAVE is a Thin Surface Course System approved by the British Board of Agrément (BBA) under the Highway Authorities Product Approval Scheme (HAPAS). The BBA HAPAS Roads and Bridges Certificate for VIAPAVE (01/H051) meets the criteria set out in Clause 942 of the Specification for Highway Works.

Based around Stone Mastic Asphalt technology, VIAPAVE incorporates carefully selected High PSV aggregate and Polymer Modified Bitumen. The interlocking aggregate structure is bound together by a bitumen rich mastic to provide a highly durable and rut resistant asphalt.

Typical performance for VIAPAVE:

Property	14mm VIAPAVE	10mm VIAPAVE
Surface Macrotexture	1.3 – 1.8mm	1.1 – 1.6mm
Deformation Resistance (PD 6691 Table D.2)	Level 2	Level 2
Sensitivity to Water	> 80%	> 80%
Design Air Voids	< 5%	< 5%
Bond to Substrate	≥ 400 kPa	≥ 400 kPa
Noise	Level 2	Level 2

VIAPAVE is available in a range of aggregate PSV's to suit the needs of any specific scheme.

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



INSTALLATION

VIAPAVE is designed to be installed by a paving machine although smaller areas requiring hand lay maybe permitted.

The recommended installation thickness for VIAPAVE are:

NOMINAL AGGREGATE SIZE (MM)	NOMINAL LAYER THICKNESS (MM)
14mm VIAPAVE	35 – 50
10mm VIAPAVE	25 – 50

Detailed information for installation is provided to the contractor which includes:

- Method of transportation
- Suitable weather conditions
- Substrate condition and application of Bond Coat
- Paving and Compaction methods including roller type
- Treatment of longitudinal and transverse joints
- Requirements for material temperature on arrival and for compaction
- Testing of the surface
- Maintenance and minor repairs

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 CO₂ 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.

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