

ASPHALT FOR REINSTATEMENT PROJECTS

EASIER COMPACTION & IMPROVED AIR VOID

VIAMAIN® has been specifically designed with the utility contractor in mind, allowing for easier compaction to provide improved air void compliance. Mixes are available as a 20mm binder course and a 10mm and 6mm surface course all of which fully conform to BS EN 13108-1 and the Specification for the reinstatement of openings in highways (SROH).

PRODUCT AVAILABILITY

VIAMAIN is produced at all CEMEX Asphalt supply plants and can be delivered or collected. VIAMAIN 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.



VIAMAIN 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.

BENEFITS



Easier to compact than standard mixes.



Enhanced workability.



Low air void content.



SROH compliant.

APPLICATIONS

- MINOR HIGHWAY REPAIRS
- TRENCH REINSTATEMENT





TECHNICAL INFORMATION

Defects associated with trench reinstatements are one of the major challenges faced by utility contractors. The difficult nature of such reinstatement works means that full compaction of standard asphalt mixes is often difficult to achieve which can lead to high air void content and premature failure of the repair.

High air voids resulting from inadequate compaction will inevitably allow the ingress of water into the asphalt leading to rapid failure of the asphalt.

With the Government setting out new plans to force utility reinstatement and pothole repair contractors to raise the guarantee on road repairs from two to five years, VIAMAIN can provide you with the perfect solution.

INSTALLATION

VIAMAIN is ideally suited to being laid by hand due to the nature of reinstatement works although paver installation is also permitted.

Transport of VIAMAIN should be carefully considered as heat retention in the material is key to allowing the required level of compaction. Delivery vehicles should be insulated and covered to maintain material temperature. The use of a hot-box or chuted delivery vehicles will also aid in temperature retention. VIAMAIN should remain covered until immediately prior to use.

The temperature of VIAMAIN should be checked prior to use to ensure that the following minimum temperatures are met:

	40/60 BINDER GRADE	100/150 BINDER GRADE
AC 20 VIAMAIN Binder Course	Min 130°C	Min 120°C
AC 6 & 10 VIAMAIN Surface Course	Min 135°C	Min 120°C

The recommended installation thickness for VIAMAIN are:

MATERIAL	MINIMUM AT ANY POINT	NOMINAL THICKNESS	MAXIMUM AT ANY POINT
AC 20 VIAMAIN Binder Course	40	50-100	110
AC 6 VIAMAIN Surface Course	15	20-30	40
AC 10 VIAMAIN Surface Course	25	30-40	50

given to installation in inclement weather. VIAMAIN should be laid and compacted as quickly as possible in order to maintain sufficient heat for compaction.

Compaction equipment should be selected for the particular type of reinstatement. Guidance on compaction equipment and number of compaction passes is provided in the SROH Table NGA8.1 and includes vibrotampers, vibrating rollers, plate compactors and percussive rammers.

For lower layer material within the confines of a trench, the use of a vibrotamper is preferable to plate compactor. When compacting the surface course VIAMAIN using a roller, care must be taken to avoid the roller drum from 'bridging' across the trench as this may lead to inadequate compaction. VIAMAIN should be left to cool before opening to traffic.

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.

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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