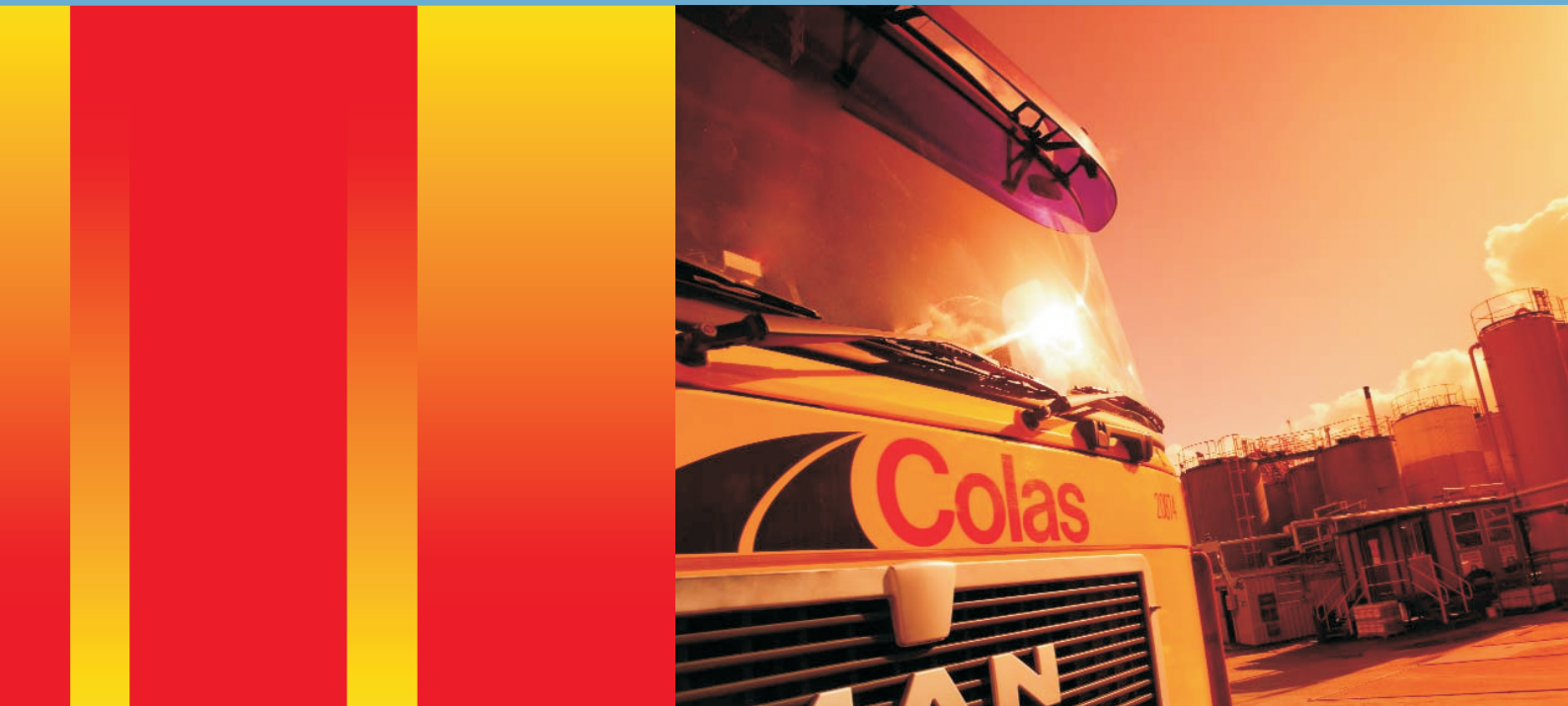




Designed to provide sustainable solutions

Bitucrete datasheet



Colas Products *Bitucrete*

Bitucrete is a deferred set, storage macadam which has been approved by the BBA for use as a first time permanent repair material in footways; footpaths and cycle tracks (certificate 07/H128). It is also ideal for instant high quality temporary repairs. Bitucrete is cold applied and therefore safe to handle.

Available in a variety of grades, Bitucrete can be used for footway repairs, patching, reinstatements and temporary surfacing.

Bitucrete provides an immediate cure for potholes in car parks, roads, drives, factory floors and many other surfaces.

Bitucrete is a combination of penetration grade bitumens, additives and selected aggregates. High PSV granite or basalt aggregate makes it suitable for all classes of road and footway. Available in black and red.

Where to use?

- Fills worn areas in paths and drives
- Patches potholes in bituminous surfaces
- Reinstates trenches in lightly trafficked surfaces
- Provides temporary ramping off for high kerbs and exposed ironwork

Bitucrete has a storage life of up to six months in sealed bags and under good storage conditions. Bags are batch numbered for easy stock rotation.

Preparation

Ensure that the surface to be repaired is clean and free from loose material, oil, grease and standing water.

Prime base surface with Colas Leotak tack coat. Edges of the area to be repaired should be formed vertically as far as possible and then treated with Colas Bitukold or RS Bitukold

edge sealant prior to forming joints. For small potholes, Bitukold or RS Bitukold may be used over the surface area of the hole as a tack coat.

Workability can be ensured even in cold weather by simply manipulating the Bitucrete in its sealed bag.

N.B: To aid workability of bagged Bitucrete in winter, store bags in a warm area (>10°C ambient temperature) for 24 hours prior to use if possible.

Application

Tip sufficient Bitucrete from the bag to over-fill the hole, ensuring that all corners are filled.

Compact the material to the surrounding level using a compactor, roller or hand tamper depending on the nature of the site. For large areas use a vibrating plate or roller slightly wetting the drum with water. If under-filling has taken place, simply add more product and compact to level. Material should not be laid any deeper than 2½ times the size of the nominal stone in any one layer.

The repair will withstand immediate heavy trafficking. However, where the repair is to be crossed by fork-lift trucks and HGVs, extra compaction and curing time must be allowed.

Bitucrete remains flexible for some time after application. As the material will take up the contours of potholes naturally and form an immediate repair, it is ideal for irregularly shaped potholes.

Curing is brought about by both air drying and compaction. The rate of cure is dependent upon temperature as well as the weight and volume of traffic. However, under normal traffic conditions, Bitucrete will not depress, track or pick up during the curing process.

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Bitucrete Grades

Nominal Size	Grade	Material Specification
0/4mm	Fine	AC 4 fine surf 160/220DS
0/6mm	Medium	AC 6 med surf 160/220DS
0/6mm	Medium (Red)	AC 6 med surf 160/220DS
0/10mm	Close	AC 10 close surf 160/220DS
0/20mm	Dense	AC 20 med surf 160/220DS

Spread Rate Guide - The table on the right shows the approximate rate of spread of various compacted thicknesses of Bitucrete. Please note that the covering capacity of Bitucrete may be affected by such factors as the density and grading of the aggregates, condition of the substrate and final state of compaction. On more irregular substrates, heavier rates of spread are to be expected.

Average thickness of course (mm)	Coverage (m ² /t)
20	18 to 24
25	15 to 19
30	13 to 15
35	11 to 13
40	10 to 12
45	9 to 11
50	8 to 10
60	7 to 8.5
70	6 to 7.5
75	5 to 6.5
100	4 to 5

Storage

Keep free from frost and extremes of heat.

Standards

Bitucrete complies with BS EN 13108-1:2006 Bituminous mixtures. Material specifications for Asphalt concrete. Bitucrete is suitable for temporary ramping of exposed ironwork as required in Clause 917 of the Specification for Highway Works.

Packaging

Bitucrete is available in 25kg sealed plastic bags (40x25kg per pallet).

Safety

For Full Safety Information, please request the *Bitucrete* Safety Data Sheet using the contact information below.



National Sales Office Products

Colas Limited
Loushers Lane
Wilderspool, Warrington
Cheshire WA4 6RZ
United Kingdom

T +44 (0) 1925 632616
F +44 (0) 1925 445580
Email info@colas.co.uk

