

# COLAS PRODUCTS DATA SHEET

## BITUCRETE



**Bitucrete** is a deferred set, storage grade macadam for use as a first time permanent repair material in footways, footpaths and cycle tracks. It is also ideal for instant high quality temporary repairs on carriageways. **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 paving grade bitumen's, 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?

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

### PREPARATION

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

Edges of the area to be repaired should be formed vertically as far as possible and then treated with **Bitukold, RS Bitukold** or **RS Bitukold Spray** edge sealant prior to forming joints. For small potholes, **Bitukold, RS Bitukold** or **RS Bitukold Spray** 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 2 1/2 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. 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.

As the material will take up the contours of potholes naturally and form an immediate repair, it is ideal for irregularly shaped potholes. **Bitucrete** is also suitable for temporary ramping of exposed ironwork.

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

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### COVERAGE

The table below 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.

Spread Rate Guide	
Average thickness of course (mm)	Coverage (m <sup>2</sup> /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

### PACKAGING

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

### STORAGE

**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.

### STANDARDS

**Bitucrete** complies with BS EN 13108-1 Bituminous Mixtures. Material Specification. Asphalt Concrete.

### SAFETY

For full safety information, please request the **Bitucrete** Safety Data Sheet 03b using the contact information below.

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WE OPEN THE WAY