COLAS PRODUCTS DATA SHEET
COLPATCH

Colpatch is a BBA HAPAS approved, cold applied storage grade macadam that is ideal for instant, high quality repairs to bituminous and concrete surfaces.

Colpatch is formulated from paving grade bitumen, selected aggregates and Macfix additive supplied under licence by Macismo Asphalt & Innovation. This unique additive results in flexibility within the repair reducing the risk of reflective cracking. It also provides the long storage properties of **Colpatch** which enables the remaining material to be stockpiled externally all year round without deterioration and remains workable in cold weather conditions

Colpatch is easy to use with no mixing required with a long storage life of up to two years. To accommodate the customer's storage capability the material is available in a variety of options.

WHERE TO USE?

- Patches/potholes in bituminous surfaces
- Reinstates trenches in trafficked surfaces
- Carriageway repairs
- Reinstatements and temporary surfaces

PREPARATION

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

To achieve a long lasting repair it is recommended that the base surface is primed with **Leotak**. Edges of the area to be repaired should be vertically formed as far as possible and then treated with **Bitukold, RS Bitukold** or **Colspray** 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. However a quick repair can be performed without any cutting out, tack coats or edge sealants.

APPLICATION

Apply sufficient **Colpatch** to over-fill the area to be reinstated, ensuring that all corners are filled by gently kneading the material with a shovel to evenly spread it across the full area.

Compact the material to the surrounding level using a hand tamper or compactor/roller. For large areas and deep sections, 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.

It is recommended that deep patches should be built up in 15-40mm compacted layers as this will result in better compaction being achieved.

Once compacted the **Colpatch** is ready to be trafficked. Curing is brought about by both air drying and compaction, with the rate of cure dependent upon temperature and the weight and volume of traffic. However, under normal traffic conditions, **Colpatch** will not depress, track or pick up during the curing process.

Colpatch 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.

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COVERAGE

The below table shows the approximate rate of spread of various compacted thicknesses of **Colpatch**.

Spread Rate Guide	
Average thickness of course (mm)	**Coverage (m^2/t)**
20	22 to 28
30	15 to 19
40	11 to 15
50	9 to 12
60	8 to 10
75	6 to 8
100	4 to 6

Please note that the covering capacity of **Colpatch** 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.

PACKAGING

Colpatch is available in bulk loads, 1 tonne bulk bags, 25kg sealed bags (40 x 25kg per pallet) and 25kg sealed buckets (36 x 25kg per pallet).

STORAGE

Keep free from frost and extremes of heat.

STANDARDS

Colpatch is BBA HAPAS Approved Certificate 11/H179.

SAFETY

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

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE 11/H179

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COLAS
WE OPEN THE WAY