



# make it with **macfix**<sup>®</sup>

Manufacture and name your own world-class cold asphalt pavement repair product



Join our global licensees and manufacture your own brand of premium quality, all weather, stockable and permanent cold mix asphalt.

- ✔ Using approximately 1% Macfix<sup>®</sup> liquid additive and 99% of your own local raw materials you can create a premium quality Cold Mix Asphalt (CMA) that contains all the same unique features and benefits as our client's brands from around the globe.
- ✔ Manufacture and distribute a premium quality CMA that can be:
  - used for instant, permanent repairs to potholes and utility cuts
  - used on concrete roads
  - stored in bulk with a minimum shelf life of 2 years
  - workable in cold weather conditions, down to -10°C
  - applied in all weather conditions and does not require the application of a tack-coat or over-band joint sealing
- ✔ Macfix<sup>®</sup> liquid additives are made from carefully selected blends of components which provide unique properties such as:
  - excellent workability
  - stockability
  - enhanced adhesion
  - resistance to damage by moisture and UV degradation
- ✔ Macfix<sup>®</sup> liquid additives are designed to offer safe mixing and application with a high flash point and low to zero Volatile Organic Compounds (VOC) content.
- ✔ Easy to use as Macfix<sup>®</sup> liquid additive can be dosed from a drum or IBC directly into the mixer or bitumen weighing pot or can be pre-blended with bitumen.

**macismo**  
asphalt innovations

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# macfix®

cold asphalt technology



## Premium cold asphalt for instant permanent repairs

Macfix® cold asphalt is a stockable premium quality product providing an immediate, all-weather solution for instant, permanent repairs to potholes and utility cuts in bituminous or concrete surfaces.

Macfix® cold asphalt can be stored in bulk with a minimum shelf life of two years, whilst remaining workable in cold weather conditions down to -10°C.



### Directions for use

#### PREPARATION

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

Emulsion or solvent based tack-coat may be applied, however a quick repair can be performed without any cutting out, tack-coats or edge sealants.

#### APPLICATION

Fill the hole with Macfix® cold asphalt, ensuring that all corners are filled and that the top is proud of the surrounding surface. In cold conditions, it is advisable to gently work the Macfix® cold asphalt; this will improve the workability of the product.

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 40-50mm compacted layers as this will result in better compaction being achieved.

Macfix® cold asphalt will take up the contours of potholes and form an immediate repair and will remain flexible for some time after application but can be trafficked immediately.

#### SPREAD RATE GUIDE

The table shows the approximate rate of spread of various compacted thicknesses of Macfix® cold asphalt. Please note that the covering capacity of Macfix® cold asphalt 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)						
20	30	40	50	60	75	100
22-28	15-19	11-15	9-12	8-10	6-8	4-6
MACFIX® COLD ASPHALT (m <sup>2</sup> /t)						

#### SAFETY

For full safety information, please refer to the Macismo safety data sheet.

Macfix® cold asphalt available in the UK is marketed under the brand *Colpatch* which is BBA approved.



### Features



#### ✓ LONG LASTING

- Stockable in bulk with a minimum shelf life of 2 years
- Permanent repair no re-visits
- Durable against rutting and rain/freezing damage

#### ✓ VERSATILE

- Can be used in asphalt or concrete surfaces
- Extended range of aggregates can be used
- Fully recyclable



#### ✓ CONVENIENT

- Available in 25kg sealed bags in 1 tonne bulk bags or in bulk loads
- No cutting or tack coat priming necessary
- No heavy compaction equipment necessary
- Open to traffic immediately

#### ✓ SAFE AND EASY TO USE

- Solvent free
- Very low to zero Volatile Organic Compounds (VOC)
- No mixing equipment required
- Workable at low temperatures down to at least -10°C



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