
Description

MACFIX® additive is a blend of fluxes, polymers and binders which has been specifically designed to be dosed into the mixer of the Asphalt Coating Plant to change the characteristics of the Cold Asphalt.

MACFIX® additive provides a Cold Asphalt with many unique Features and Benefits especially in respect of Workability, stockability and a repair material that lasts a minimum of two years.

Application

MACFIX® additive may be used to produce deferred set open and medium graded Macadam's for re-instatement of patches, Utility Cuts and pot holes on heavily trafficked Asphalt and Concrete highways. The Cold Asphalt can be stored in bulk externally for a minimum of two years in any weather conditions and will maintain excellent workability at all times.

MACFIX® additive based Cold Asphalts can be applied in all weather conditions and temperatures ranging from -25°C to 45°C and can also be applied in the rain. No special equipment is necessary such as Pavers or compactors although this equipment can be used if readily available.

- Can be dosed directly In line to the mixer from a 1,000kg cubic
 - No need to pre-blend with bitumen • No storage tanks are blocked from normal use.
 - Local aggregates and bitumen can be used
 - Solvent-free non-hazardous product
 - High flash ignition for safety
 - Low production temperature for environmental benefit
-

Health, Safety and the Environment

MACFIX® additive should be used in accordance with the recommendations given in the Macismo International Material Safety Data Sheet for MACFIX pages 1-4.

continued

Specification

PHYSICAL PROPERTIES

Property	Units	Test Method	Specification
Density 15°C	Kg/m ³	IP 160	910 max
Viscosity @ 40°C	cSt	IP 71	7.0 max
Flashpoint	°C	T.A.G.	115min
Distillation	°C		IBP230min FBP 365 max
Colour and appearance			Dark fluid

MANUFACTURING PARAMETERS

Materials	Dosages	Production temperatures
Bitumen	3 – 6%	100 – 165°C
MACFIX® Additive	1.1 – 1.4%	20-40°C
Clean Aggregate Blend	94 – 97%	60-100°C

NB: Specific Manufacturing details are described in the 'MACFIX manufacturing procedure'

GRADING OF BLENDED AGGREGATE

BS sieve	4.75mm	2.36mm	1.18mm	600um	300um	150um	75um
%passing	35 -100	10-40	0-10	0-5	0-5	0-2	0-1.5

Storage and Packaging

Packaging	Nett	Gross	m ³
IBC (Palletised)	900kg	1000kg	1.38
Drums (4 to a Pallet)	185kg	200kg	0.34

MACFIX® additive should be stored in sealed containers in a dry location at ambient temperatures -25°C to 45°C for up to two years, slight agitation may be necessary from time to time to ensure the blend is stable.

Further Information

Contact: info@macismo.com



4 The Triangle
Wild Wood Drive
Worcester WR5 2QX

Tel: (UK) 08445 93 93 93
Tel: (Intl) +44 1905 616638
Fax +44 (0) 1905 616 858