Emasfalt Micros (C60B4 MIC)

Slow setting cationic bituminous emulsion specially designed for bituminous slurry seals and microsurfacing. Compliant with specifications included in standard EN 13808:2013 for a C60B4 MIC type emulsion.

Applications:

- Bituminous slurry seals for low traffic intensity roads
- Microf-5 or Microf-8 microsurfacing for heavy traffic roads and shoulders in any warm climatic conditions
- The selection of this type of emulsion will depend on the type of bituminous slurry seal/microsurfacing and/or the traffic category

Recommended working temperatures:

- Application temperature (°C): 10 - 40. Normally, the emulsion will be used at the supply temperature, which should always be below 50°C. It is not recommended heating the emulsion for this application because a high temperature of the emulsion brings about high consumption of additives in the manufacturing of the slurry seal/microsurfacing

Specifications:

Characteristics	Units	Standard	Min.	Max.
Properties of the emulsion				
Particle polarity	-	EN 1430	Positive	
Breaking value (Forshammer filler)	-	EN 13075-1	110	195
Efflux time (2 mm, 40 °C)	s	EN 12846-1	15	70
Binder content	%	EN 1428	58	62
Residue on sieving (0.5 mm sieve)	%	EN 1429	-	0.10
Settling tendency (7 days storage)	%	EN 12847	-	10
Water effect on binder adhesion	%	EN 13614	90	-
Residual binder		EN 1431		
Penetration (25 °C)	0,1 mm	EN 1426	-	100
Softening Point	°C	EN 1427	43	-

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For further information, please visit www.moeve.es/en/

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Recommended dosage:

- Approximately 10 to 18% of emulsion over aggregate weight, depending on the type of treatment and aggregatet

General recommendations:

- Given its composition, this type of emulsion should be transported in full cisterns, or at least filled up to 90% of their capacity, and preferably at ambient temperature, and always at temperatures lower than 50°C, to avoid any partial breakages during transport
- If these emulsions are going to be stored for more than 7 days, it is recommended to homogenized prior to their use
- The appropriate equipment must be used for the right dosage of the emulsion and the rest of the components of the slurry seal/microsurfacing

Specifications:

Characteristics	Units	Standard	Mín.	Max.
Recovered binder		EN 13074-1		
Penetration (25 °C)	0.1 mm	EN 1426	-	100
Softening Point	°C	EN 1427	43	-
Stabilised binder		EN 13704-2		
Penetration (25 °C)	0.1 mm	EN 1426	-	100
Softening Point	°C	EN 1427	43	-

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