

# EMASFALT CL-1 (C60BF4 IMP)

## DEFINITION:

Slow-breaking cationic bituminous emulsion for primer coats compliant with the specifications contained in UNE EN 13808:2013/1M:2022 for C60BF4 type emulsions.

## SPECIFICATIONS

Characteristics	Unit	UNE Standard	Min.	Max.
<b>Original Emulsion</b>				
Particle polarity	-	EN 1430	Positive	
Breaking value	-	EN 13075-1	110	195
Binder content	%	EN 1428	58	62
Oil distillate content	%	EN 1431	-	8
Efflux time (2 mm, 40°C)	s	EN 12846-1	15	70
Sedimentation tendency (7 days)	%	EN 12847	-	10
Residue on sieving (0.5 mm)	%	EN 1429	-	0.10
Water effect on binder adhesion	%	EN 13614	NR	-
<b>Residual binder</b>		EN 1431		
Penetration (25°C)	0.1 mm	EN 1426	-	270
Softening point	°C	EN 1427	35	-
<b>Recovered binder</b>		EN 13074-1		
Penetration (25°C)	0.1 mm	EN 1426	-	330(*)
Softening point	°C	EN 1427	35(*)	-
<b>Stabiliser binder</b>		EN 13704-2		
Penetration (25°C)	0.1 mm	EN 1426	-	220
Softening point	°C	EN 1427	35	-

(\*) If the penetration at 25°C is > 330 (0.1 mm), penetration at 15°C will be performed, the result being in the range 140-260 (0.1 mm).

A softening point of < 35°C is permitted.

## APPLICATIONS:

- Primer coats.

## APPROXIMATE WORKING TEMPERATURES:

- Application temperature (°C): 20-50. If the emulsion has to be heated up, special care must be taken not to exceed the 60°C limit. For this purpose, it is recommended that the heating be done by means that guarantee proper temperature control and homogeneity of the same throughout the emulsion, avoiding any overheating that could deteriorate it.

## RECOMMENDED DOSAGE:

- Approximately 1.0-2.0 kg /m<sup>2</sup> depending on the ground condition. In no case shall this amount be less than 0.5 kg/m<sup>2</sup> of residual binder.
- It is allowed to reach the recommended dosage of the emulsion in two applications.

## RECOMMENDATIONS:

- Cleaning and support preparation. Wetting, if necessary.
- The emulsion application equipment must have a spraying bar capable of providing cross-sectional uniformity. Spear irrigation must be avoided.
- An aggregate capable of absorbing excess of binder that can remain on the surface or to ensure the protection of the primer under construction traffic can be applied. It should be done 24h after the application of the primer coat.