

EMASFALT CI EXPORT (C50BF4 IMP)

DEFINITION:

Slow setting cationic bituminous emulsion made with lower amounts of residual binder to reduce its viscosity and improve its penetration in the support. It also has a high performance for storage and long-distance transportation. Compliant with the specifications contained in standard EN 13808:2013 for a C50BF4 type emulsion.

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 | 48 | 52 |
| Oil distillate content | % | EN 1431 | 5 | 15 |
| Residue on sieving (0,5 mm sieve) | % | EN 1429 | - | 0,10 |
| Settling tendency (7 days storage) | % | EN 12847 | - | 5 |
| Water effect on binder adhesion | % | EN 13614 | NR | - |
| Residual binder | | EN 1431 | | |
| Penetration (25 °C) | 0,1 mm | EN 1426 | - | 270 |
| Softening Point | °C | EN 1427 | 35 | - |
| Recovered binder | | EN 13074-1 | | |
| Penetration (25 °C) | 0,1 mm | EN 1426 | - | 330(*) |
| Softening Point | °C | EN 1427 | 35(*) | - |
| Stabilised binder | | EN 13704-2 | | |
| Penetration (25 °C) | 0,1 mm | EN 1426 | - | 220 |
| Softening Point | °C | EN 1427 | 35 | - |

(*) Penetration at 15°C between 90-170 (0,1 mm) and softening point <35°C are allowed.

APPLICATIONS:

- Priming coats.

RECOMMENDED WORKING TEMPERATURES:

- Application temperature (°C): 20-50. If the emulsion must be heated, special care must be taken to not exceed the 60°C limit. In this case, it is recommended to heat the emulsion with means that guarantee correct temperature control and its homogeneity throughout the emulsion, avoiding specific overheating that could damage the product.

RECOMMENDED DOSAGE:

- Approximately around 1.0 to 2.0 kg/m² depending on the ground conditions. This dosage will never be less than 0.5 kg/m² of residual binder.
- It is allowed to reach the recommended dosage in two applications.

GENERAL RECOMMENDATIONS:

- Cleaning and support preparation. Wetting, if necessary.
- The emulsion application equipment will have a spraying bar capable of providing cross-sectional uniformity. Spear irrigation will be avoided.
- It is allowed the application of 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. It will be done 24h after the application of the prime coat.