

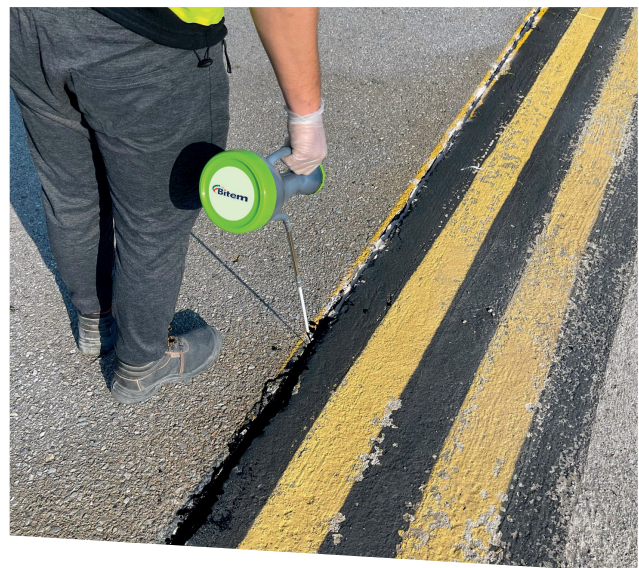
BITEMBOND

BITEMBOND is a cationic bitumen emulsion (based polymer bitumen compound) for cracks and joints sealing of bituminous and other construction materials.

BITEMBOND is an economical and easy to apply solution for road maintenance treatment for fill little and alligator cracks pavement surface in order to improve sealing or waterproofing and reduce its aging susceptibility by lowering permeability to water and air.

Once cured, it forms black flexible sealant with excellent adhesion to most of construction products.

The surface should be clean and free from dust.



BITEMBOND

Technical requirements	Harmonised technical specification	Unit	Value
Binder content	UNI EN 1428	%	48 - 52
Breaking behaviour	UNI EN 13075-1	None	110 - 195
Viscosity (Efflux time 2 mm at 40 °C)	UNI EN 12846	sec	15 - 70
Water effect on binder adhesion	UNI EN 13614	%	≥ 90
Residue on sieving (0,5 mm sieve)	UNI EN 1429	%	≤ 0,1
Storage stability by sieving (7 days storage) 0,5 mm sieve	UNI EN 1429	%	≤ 0,5
Settling tendency (7 days storage)	UNI EN 12847	%	≤ 10
PH	UNI EN 12850	/	2 - 4

Binder recovered by evaporation (UNI EN 13074)

Consistency at intermediate service temperature: Penetration at 25 °C	UNI EN 1426	0,1 mm	≤ 100
Consistency at elevated service temperature: Softening Point	UNI EN 1427	°C	≥ 55
Cohesion (Force ductility test a 10°C)	UNI EN 13589 UNI EN 13703	J/cm ²	≥ 1

Application and storage indications:

- **BITEMBOND can be used at temperature between 10°C and 50°C.**
- **BITEMBOND is suitable for warm application through conventional spray tankers, drum sprayers equipped with a hand lance or for small areas it can be poured out cold and spread with a yard brush.**
- **In all cases, the emulsion should be allowed to break completely before the overlay is applied, to obtain a non-tack finish and optimum adhesion.**
- **It can be stored in tanks, metal drums and plastic containers.**
- **It is preferable to store the product in a sheltered place and at temperatures above 10°C and below 50°C. Keep it protected from frost.**
- **Avoid sudden direct heating with hot fluids having temperatures above 100 °C**

Packaging:



plastic tank or IBC
25 kg



1000 lt

Storage:
Protect from frost.
Bulk material should
be circulated before
use and every 30
days

Health and Safety Advice:
Contact with the skin should be avoided by the use of protective clothing, suitable gloves & rubber boots also eyes should be protected.