



COLTACK L™

Elastomer Modified Bitumen Emulsion

Product Data Sheet 2015/11

DESCRIPTION

COLTACK L™ is a medium viscosity cationic spray grade bitumen emulsion modified with SBR latex.

USES

COLTACK L™ is used mainly for spraying as a bond coat when using integrated paver/spraying machines.

PROPERTIES

COLTACK L™ has enhanced residual binder properties, while the lower viscosity of the emulsion improves the flow of the binder during application. **COLTACK L™** has been specially formulated without any cutter to ensure no solvent entrapment in the overlaid surface, thus reducing the risk of bleeding.

SPECIFICATIONS

COLTACK L™ conforms to the following specification:

EMULSION PROPERTIES	REQUIREMENT		TEST METHOD
	Min	Max	
Binder content, % m/m	65	68	ASTM D244
Viscosity @ 50°C, SFs	20	100	MB-21
Residue on sieving, g/100 ml	710 µm	-	MB-23
	150 µm	-	
Particle charge	Positive		MB-24
Sedimentation after 60 rotations	Nil		SANS 309
RECOVERED BINDER PROPERTIES			
Softening point, °C	≥ 48	-	ASTM D36
Elastic recovery @ 15°C	≥ 50	-	MB-4

DIRECTIONS FOR USE

1. Only heat product prior to application. Heating should be gentle to reduce the possibility of deposits forming on the burner flues. Do not heat the product during storage, but circulate for approximately 20-30 minutes every second day.
2. **COLTACK L™** can be applied with a conventional distributor, integrated paver/sprayer or hand sprayer at a binder spray temperature of 65°C and a minimum road surface temperature of 10°C.
3. Typical application rates are 0,4 – 0,6 l/m².
4. To avoid blocked nozzles, load the product via a strainer fitted with a fly screen mesh. If possible, larger nozzles should be fitted to the spray bar to reduce the frequency of blockages.
5. Can be stored for long periods at ambient temperature without risk of polymer thermal degradation. The residue on sieving value will increase with prolonged storage, but should not affect performance of the binder.
6. Clean storage tank and spray bar regularly with solvent to dissolve latex residues.

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