



CMS 60

Premix Grade Cationic Bitumen Emulsion

Product Data Sheet 2014/04

DESCRIPTION

CMS 60 is a low viscosity cationic medium set bitumen emulsion used for the manufacture of cold asphalt mixes.

USES

CMS 60 is used for the manufacture of open graded cold asphalt mixes by hand or concrete mixer. **CMS 60** can only be used with aggregates containing a limited amount of fines. The coldmix is ideal for repairing damaged surfaces and edge breaks. Can also be used for surfacing sidewalks, driveways or parking areas.

PROPERTIES

CMS 60 is ideal for manufacturing cold asphalt mixes by hand. **CMS 60** relies primarily on the chemical attraction between the emulsified bitumen droplets and the aggregate surface to break/cure. These mixes can therefore be placed and compacted directly after mixing.

SPECIFICATIONS

CMS 60 conforms to SANS 4001-BT4 specification for cationic bitumen road emulsions.

EMULSION PROPERTIES	REQUIREMENT		TEST METHOD
	Min	Max	
Binder content, % m/m	60	63	ASTM D244
Viscosity @ 50°C, SFs	20	50	ASTM D244
Fluxing agent content, % m/m of binder	5	10	ASTM D244
Residue on sieving, g/100 ml	-	0.25	SANS 4001-BT4
Sedimentation after 60 rotations	Nil		SANS 4001-BT4
Particle charge	Positive		SANS 4001-BT4

DIRECTIONS FOR USE

1. **CMS 60** can be stored and mixed with aggregates at ambient temperature.
2. **CMS 60** can be stored for three months at ambient temperature without risk of settlement. It is, however, recommended that bulk product is occasionally agitated and drummed product is rolled during prolonged storage.
3. If the mix is to be stockpiled, cover the stockpile to protect from dust/rain.

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