



RUBSPRAY 70/3™

Elastomer Modified Bitumen Emulsion

Product Data Sheet 2014/04

DESCRIPTION

RUBSPRAY 70/3™ is a high viscosity cationic spray grade bitumen emulsion modified with 3% net SBR latex.

USES

RUBSPRAY 70/3™ is used mainly in cold/wet climates for resealing lightly cracked roads with surface cracks < 3 mm without pre-treatment. Also used in new construction or reseals where traffic accommodation is not a problem.

PROPERTIES

RUBSPRAY 70/3™ has enhanced residual binder properties, while the lower viscosity of the emulsion improves the flow of the binder into lightly cracked surfaces without the risk of run-off on steep inclines. Can be stored for long periods at ambient temperature without risk of polymer thermal degradation.

SPECIFICATIONS

RUBSPRAY 70/3™ conforms to the SC-E1 specification for modified emulsion for surface seals.

EMULSION PROPERTIES		REQUIREMENT		TEST METHOD
		Min	Max	
Binder content, % m/m		70	73	MB-22
Viscosity @ 50°C, SFs		51	400	
Residue on sieving, g/100 ml	710 µm	-	0.1	MB-23
	150 µm	-	0.5	
Particle charge		Positive		MB-24
Sedimentation after 60 rotations		Nil		SANS 4001-BT3
RECOVERED BINDER PROPERTIES				
Softening point, °C		≥ 48	-	MB-17
Elastic recovery @ 15°C		≥ 50	-	MB-4

DIRECTIONS FOR USE

1. No precoating of stone necessary. Can be used with slightly damp/dusty stone.
2. Apply with a conventional distributor at a binder spray temperature of 70°C and a minimum road surface temperature of 10°C and rising.
3. No heating of the product during storage; only prior to application. Product should be circulated and agitated from time to time for short periods only. The residue on sieving value will increase with prolonged storage, but should not affect performance of the binder.
4. Open to traffic once sufficient cohesion development has occurred between binder and stone.

Head Office

Cape Town PO Box 82 Eppindust 7475 **Tel** +27 (0)21 531 6406 **Fax** +27 (0)21 531 5514 **Email** colas@colas.co.za **Website** www.colas.co.za

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