

Specification of Bitumen Emulsion CMS2H

Property	min	max	Test method
Test on emulsions			
Viscosity, Saybolt Furol at 50 °C, SFS	40	450	ASTM D244
Storage stability test, 24-h, %	–	1	ASTM D6930
Coating ability and water resistance:			
Coating, dry aggregate	Good		ASTM D244
Coating, after spraying	Fair		ASTM D244
Coating, wet aggregate	Fair		ASTM D244
Coating, after spraying	Fair		ASTM D244
Particle charge test		Positive	ASTM D244
Sieve test, %	–	0.1	ASTM D6933
Distillation:			
Oil distillate, by volume of emulsion, %	–	12	ASTM D6997
Residue, %	65	–	ASTM D244
Tests on residue from distillation test:			
Penetration, 25°C (77°F), 100 g, 5 s	40	90	ASTM D5
Ductility, 25°C (77°F), 5 cm/min, cm	40	–	ASTM D113
Solubility in trichloroethylene, %	97.5	–	ASTM D2042