



# ROYAL GLOBAL ENERGY

RGE's core business Oil, Gas, Refining and Petrochemicals

## Bitumen Emulsion CMS-2

Property	Min	Max	Test Method
Viscosity, Saybolt Furol at 50 °C, SFS	50	450	ASTM D244
Storage stability test, 24-h, %	–	1	ASTM D6930
Particle charge test	Positive		ASTM D244
Sieve test, %	–	0.1	ASTM D6933
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
Distillation:			
Oil distillate, by volume of emulsion, %	–	12	ASTM D6997
Residue, %	65	–	ASTM D244
test on residue from distillation			
Penetration, 25°C (77°F), 100 g, 5 s	100	250	ASTM D5
Ductility, 25°C (77°F), 5 cm/min, cm	40	–	ASTM D113
Solubility in trichloroethylene, %	97.5	–	ASTM D2042