

## Cationic Bitumen (Asphalt) Emulsion CRS2

Propert

Requirement

Test Method

## Test on Emulsions

Viscosity, Saybolt Furol at 25 °C, SFS		ASTM D244
Viscosity, Saybolt Furol at 25 °C, SFS	100-400	ASTM D3143
Storage stability test, 24-h, %	1	ASTM D6930
Demulsibility, 35 mL, 0.8 % dioctyl sodium sulfosuccinate, %	40	ASTM D6936

## Coating ability and water resistance:

Coating, dry aggregate		ASTM D244
Coating, after spraying		ASTM D244
Coating, wet aggregate		ASTM D244
Coating, after spraying		ASTM D244
Particle charge test		ASTM D244
Sieve test, %		ASTM D6933
Cement mixing test, %		ASTM D6935

## Distillation: VTA Oil

Oil distillate, by volume of emulsion, %	3	ASTM D6997
Residue, %	65	ASTM D244

## Tests on residue from distillation test:

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