

Specification No: APL101-4

Effective Date Current: **June 2010** Previous: n/a

Infrastructure and Transportation MATERIALS ENGINEERING BRANCH

Page 1 of 1

Materials Specification For: Emulsified Asphalt – Rapid Set

TEST	ASTM	RS-1	RS-2
Tests on Emulsions			
Viscosity Test @ 25°C, SFS	D88	20-100	
Viscosity Test @ 50°C, SFS			50-200
Residue by Distillation, % by mass	D 6997	55 Min	63 Min
Oil Distillate, % by Volume	D 6997	1-4	0.5-4
Demulsibility	D 6936	40 Min	40 Min
Storage Stability 24 h. % 5 day %	D 6930	1.5 Max	1.5 Max
Sieve Test (Ref. 850 µm)%	D 6933	0.1 Max	0.1 Max
Coating Test	D 244 Section 52-57		
Tests on Residue by Distillation (15 minutes at 260°C)			
Penetration at 25°C , dmm	D 5	90-200	90-200
Solubility %	D 2042	97.5 Min	97.5 Min
Ductility at 25°C, mm	D 113	40 Min	40 Min

Approved:

Original signed by:

Said Kass, P. Eng. Director, Materials Engineering Branch