



Materials Specification For: **Emulsified Asphalt – Mixing Grade**

TEST	SPECIFICATIONS		
	HF-500M-HR	HF-1000M	ASTM
Tests on Emulsions			
Residue by Distillation, % by mass	89 min	65 min	D 6997
Oil Distillate by Volume, % by volume	1.0-2.0	1.0-7.0	D 6997
Storage Stability, % 24 h	--	1.5 max	D 6930
5 day	--	--	
Sieve Test (Ref 850 µm), % by mass	0.1 max	0.1 max	D 6933
Coating Test	pass	pass	D 244 Section 22-29
Tests on Residue by Distillation			
Penetration @ 4°C, 50g, 5s, dmm	150-350		D 5 (mod)
Solubility, %	97.5 min	97.5 min	D 2042
Apparent Viscosity at 60°C, Pa·s	8-40	2-8	D 2171
Float Test @ 60°C, s	1200 min	1200 min	D 139 <sup>1</sup>

**NOTE 1** ASTM D139, except the residue, is poured at 260°C directly into the float collar and not through a 300 µm sieve, and after the regular cooling procedures is placed in a float bath @ 60°C rather than at 50°C.

**NOTE 2** Temperature to arrive at site shall be between 60-80°C.