



TECHNOLOGY BRIEF

EZ Street Specifications

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The bituminous material shall be a liquid asphalt blend prepared from a base asphalt stock of either AC-5, AC-10 or AC-20 with an approved blending formula and shall meet the following requirements:

Liquid Asphalt:

ASTM D 2170	Kinematic Viscosity @140° F (60 C)	350 to 5000 cSt
ASTM D 1310	Flash Point (Tag Open Cup)	200° F (93° C)
ASTM D 95	Water	Less than 0.2%
ASTM D 402	Distillation	See Values Below

Temperature	Volume % Total Distillate (Min/Max)		Volume % Original Sample (Min/Max)	
to 437° F (225°C)	0	0	0	0
to 500° F (260°C)	0	0.5	0	0
to 600° F (316°C)	10	65	0	18
Residue from distillation to 680°F (360°C)% Volume by Difference			73	95

Tests on Residue from Distillation

ASTM D 2171	Absolute Viscosity @ 140°F (60°C)	125-425 Poises
ASTM D 5*	Penetration, Modified with Cone	180 Minimum
ASTM D 113	Ductility, 39°F (4°C), 1cm/minute	100 Minimum
ASTM D 2042	Solubility in Trichlorethylene	99% Minimum

*This test shall be performed in accordance with ASTM D-5, except that a penetration cone conforming to ASTM D 217 shall be used in place of the standard penetration needle. The total moving weight of the cone and attachments shall be 150+0.1 grams. The transfer dish water level shall be lowered to less than the height of the sample, and then water from the top of the sample shall be decanted before transferring from the bath to the penetrometer.

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