

GENERAL:

SPM™ CB liquid asphalt blend, is a slow cure asphalt cutback when mixed with an aggregate to produce **SPM** asphalt cutback cold mix. **SPM** Blend is in the range between a SC-250 and SC-800.

SPM-CB LIQUID ASPHALT BLEND: (FULL SCALE ENCOMPASSING ALL GRADES)

Kinematic Viscosity @ 140°F (60°C)	ASTM D 2170	350 to 4000 cSt (mm ² /s) Flash
Point, Tag Open Cup	ASTM D 1310	200°F (93°C) minimum
Or, Cleveland Tag Open Cup	ASTM D 92	200°F (93°C) minimum
Percentage of Water	ASTM D 95	Less Than 0.2%
Distillation to 680°F (360°C)	ASTM D 402	See Values Below

Temperature	Volume % Total Distillate Minimum	Maximum	Volume % Original Sample Minimum	Maximum
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:

Absolute Viscosity @ 140°F (60°C)	ASTM D 2171	50 to 425 Poise (10 ⁻¹ Pa × s)
Penetration, Modified With Cone	ASTM D 5¹	180 minimum
Ductility, 39 °F (4°C), 1 cm/minute	ASTM D 113	50 minimum
Solubility In Trichloroethylene	ASTM D 2042	99.0% minimum

Note 1 Make this test in accordance with ASTM Method D 5, except utilize a penetration cone in place of the standard penetration needle. The cone shall conform to the requirements given in ASTM Method D 217, except that the interior construction may be modified as one desires. The total moving weight of the cone and attachments must be 150.0 plus or minus 0.1 grams. Also, the level of the water in the transfer dish shall be lowered to less than the height of the sample cup and decant any water from the surface of the sample before transferring from the constant temperature bath to the penetrometer.

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