

Special Provision to Item 300

Asphalts, Oils, and Emulsions



For this project, Item 300, "Asphalts, Oils, and Emulsions," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Section 300.2.5., "Specialty Emulsions." The first sentence is voided and replaced with the following:

Specialty emulsions may be either asphalt-based or resin-based and must meet the requirements of Table 11 or Table 11A.

Section 300.2.5., "Specialty Emulsions," is supplemented by the following:

Table 11A
Performance Surface Sealant

Property	Test Procedure	Min	Max
Viscosity, Krebs unit, 77°F, Krebs units	D 562	30	75
Softening point, °F	T 53 ¹	250	--
Uniformity	D 2939	Pass ²	
Resistance to heat	D 2939	Pass ³	
Resistance to water	D 2939	Pass ⁴	
Wet flow, mm	D 2939	--	0
Resistance to Kerosene (optional) ⁵	D 2939	Pass ⁶	
Ultraviolet exposure, UVA-340, 0.77 W/m ² , 50°C chamber, 8 hours UV lamp, 5 min spray, 3 hours 55 minutes condensation, 1000 hr total exposure ⁷	G 154	Pass ⁸	
Abrasion loss, 1.6 mm thickness, liquid only, %	ISSA TB-100	--	1.0

1. Cure the emulsion in the softening point ring in a 200°F ± 5°F oven for 2 hr.
2. Product shall be homogenous and show no separation or coagulation that cannot be overcome by moderate stirring.
3. No sagging or slippage of film beyond the initial reference line.
4. No blistering or re-emulsification.
5. Recommended for airport applications or where fuel resistance is desired.
6. No absorption of Kerosene into the clay tile past the sealer film. Note sealer surface condition and loss of adhesion.
7. Other exposure cycles with similar levels of irradiation and conditions may be used with Department approval.
8. No cracking, chipping, surface distortion, or loss of adhesion. No color fading or lightening.