

TECHNICAL DATA SHEET – Quality Seal

DESCRIPTION

Quality seal is a polymerized asphalt emulsion seal coat. Formulated to be used on low speed traffic areas including HOAs, commercial parking lots, driveways, schools, walk paths, restaurants, trailer parks, etc.

Tests on Emulsion	TEST METHOD	MIN	MAX
Saybolt Furol Viscosity, SFS @ 25 °C	ASTM D7496	15	100
Sieve Test	ASTM D6933	----	0.1
Residue by Distillation	ASTM D6977	57	----
Oil Distillate, %	ASTM D6977	----	3.0
Storage Stability, 24 hr, %	ASTM D6930	----	1.0
Particle Charge	ASTM D7402	Positive	
Cement Mixing Test, %	ASTM D6935	----	2.0
Tests on Residue			
Penetration @ 25 °C, dmm	ASTM D5	20	60
Ductility @ 25 °C	ASTM D113	40	----
Solubility, %	ASTM D2042	97.5	----

Tests on Concentrate	TEST METHOD	MIN	MAX
Cone Penetration, mm	ASTM D217	340	700
% Non-volatile	ASTM DA-1	50	--
% Non-volatile Soluble in Trichloroethylene	ASTM D2042	10	35
Wet Track Abrasion Test, grams loss	ASTM D3910	--	35
Dry Time	ASTM D5895	--	4 Hours
Typical Density, lbs/gal	ASTM D244	9.1	--
Wet and Dry tape Adhesion	ASTM D3359	No Peeling or Flaking	
Mandrel Bend	ASTM D2939	No Flaking	

Dilution: Quality Seal can be diluted with clean, potable water. Maximum dilution is 20% without separation of material occurring. Over diluting the product will decrease overall product performance.

Drying and Curing: Wind, low humidity and elevated ambient temperatures will speed drying and curing times. Quality Seal is fully cured when water is dried completely from the application.

Best results: Surface must be free of dust, dirt, and debris and have surfaces temperatures of 50 degrees and rising with no imminent rain, snow or freezing temperatures. All oil spots or other asphalt defects must be treated or removed prior to application.

Coverage: 2 coats recommended. Typical coverage is 20-50 sq ft/gallon. Coverage is based on condition of asphalt. Average coverage is 30 sq ft/gallon.

Storage: Mix at least daily for minimum 10 mins.

Transportation: USDOT Not Regulated

LIMITATIONS

Proper storage, handling, and application guidelines must be followed carefully for best results. As with any sealcoat, do not allow the material to freeze or boil because of aggressive heating. Quality Seal IS NOT COMPATIBLE WITH ANIONIC SEALCOATS. All equipment should be thoroughly cleaned if anionic products were previously present.

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