

QTFM Seal™



High Performance Polymer Modified Bituminous Fog Seal

DESCRIPTION

QTFM Seal™ is a bituminous fog seal especially designed to improve the service life of road surfaces. Fog seals are one of the most cost effective pavement preservation treatments available.

QTFM Seal™ sets quicker than conventional fog seals which means less interruption to traffic. Normally roads are open to traffic within 40 minutes*.

QTFM Seal™ leaves the road blacker longer than a conventional fog seal, providing extended UVR protection to the paved surface. A blacker pavement also helps a road look new longer to the driving public.

*Weather conditions can play a factor in return traffic time.

FEATURES/BENEFITS

- Delineates Driving Lanes
- Polymer modification provides extra wear and binder protection
- Rapid breaking
- Economical
- Provides long lasting black surface.
- Reduces raveling
- Provides water resistant seal
- Ideal for all asphalt paving surfaces

APPLICATION

Optimum application of **QTFM Seal™** occurs when the ground temperature is above 50°F (10°C) and rising. **QTFM Seal™** can be applied in high humidity but this will prolong the break time. Vehicular traffic should be kept off the treated area until emulsion is cured. Ensure **QTFM Seal™** emulsion is protected from frost. Prior to application, **QTFM Seal™** should be homogenized thoroughly. The surface to be sprayed should be free of all loose material and standing water. It must be spray applied by using a suitable calibrated distributor & experienced personnel.

SPECIFICATIONS – TECHNICAL DATA

QTFM Seal™

<u>Emulsion Tests</u>	<u>Specification</u>	<u>Typical Results</u>
Viscosity, SFS @ 25°C, sec	< 100	25 - 50
Sieve, %	< 0.10	≤0.10
Residue by distillation, %	< 50.0	40
Pen, dmm	< 90.0	45 - 60
Demulsibility, %	> 60.0	80 - 90
Softening Point, R&B, °F,	>135	140 +

Product Handling Guidelines

- Emulsion must **not** be blended with other emulsions.
- Direct contact heat should only be done when absolutely necessary. This should be done sporadically and with recirculation or agitation if possible. Note: Emulsion which directly contacts any heat source above 210°F will experience break and separation.
- Contact your technical representative for instructions regarding storage and handling of rapid set polymer modified emulsions.
- Emulsion separation will occur if frozen or boiled.
- Rapid Set Fog Seals are highly unstable and should not be held in storage to the next day.

APPLICATION RECOMMENDATIONS

QTFM Seal™ should be applied between 0.05 and 0.20 gallons/SY depending on the texture, porosity etc. of the surface and at temperatures 160° - 180°F (71° - 82°C).



AWARD WINNING ASPHALT PAVING & SUPPLY SINCE 1959

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