



STAT-A-FLEX® Traffic Loop Sealer

Product Specifications

STAT-A-FLEX® is a two part polyester resin sealant especially formulated for encapsulating and sealing electrical signal wire in any road surface. STAT-A-FLEX® is easily applied, cures quickly and produces a tough weather and chemical resistant seal. STAT-A-FLEX® provides maximum protection of all embedded signal wire such as traffic loop detectors, electrical signal wire and data / communication cable.

STAT-A-FLEX® Features

- Self-leveling liquid that requires no special equipment, just mix and pour
- Cures tack-free in less than 20 minutes under most weather conditions
- Produces a total encapsulation of the signal wire in a saw cut
- Has sufficient strength to withstand stresses due to normal traffic vibrations and differences in expansion and contraction due to temperature changes
- Resistant to most chemicals and solvents including road salts, acids, hydrocarbons, brake fluids, oils, gasoline and jet fuel
- Approved for use across the country and in U.S. territories by the Federal DOT and most state DOT's for public roadway applications
- Approved for use by the Federal Aviation Administration (FAA) to encapsulate and protect signal wire and electrical lighting on airport runways
- Available in 1, 3.5, 5, and 55 gallon quantities

Physical Properties	Value
Boiling Point	293°F (Styrene)
Specific Gravity	1.25 +/- 0.15
Vapor Pressure (mm Hg)	5.2 (Styrene)
Percent Volatile by Weight	18-22%
Vapor Density (Air=1)	3.6 (Styrene)
Evaporation Rate	(Bu Ace=1): UK
Solubility in Water	Negligible
Weight per Gallon	Approx. 10.5 lbs
Shored Hardness@ 24 Hours	73 +/- 5
Viscosity	104 KU
Gel Time @77°F	10-20 min. [ASTM C881]
Tack Time @77°F	15-25 min.
Cure Time @77°F	45-60 min.
Elongation	18-20 % [ASTM D638-96]
Tensile Strength	>1000 psi [ASTM D638-96]
Flexure Strength	>1200 psi [ASTM D790]
Adhesion	Steel: 800 +/- 100 psi Portland Cement: 300psi [ASTM D3163-84]
Absorption 24 Hours	Water - 0.2% [ASTM D570], No. 3 Oil - 0.02% [ASTM D570], Gasoline - 0.04% [ASTM D570] Jet Fuel (Submersion No Dissolution) - 0.06%, 3% NaCl - 0.2%
Storage	Best if stored under 80°F
Shelf Life	12 Months (unopened)



Part# STAT-A-FLEX



www.multicominc.com

Click Here to Learn More About Multicom Traffic Products

Multicom, Inc.
Ph: 800-423-2594
Fax: 407-339-0204

Email: multicom@multicominc.com