

Evaluation Table

PEP ID:	XXXXXX
Manufacturer:	Name of Manufacturer
Product Name:	Name of Product

735 Detectors

735 Detector Loop Sealant (One-Part Elastomeric Sealant)

ADOT Standard Specification: 735-2.04(B)

ADOT Standard Drawing: T.S. 6 Series, T.S. 7 Series

Responsible Section: Traffic Group

Material Property	Specification/ Test Method	Requirements	Results	Pass/ Fail
Saw Cut Sealant: One-Part Elastomeric Sealant	735-2.04(B)	The encapsulant shall be a one-part elastomeric compound requiring no mixing, measuring or application of heat prior to or during its installation.		
Saw Cut Sealant: One-Part Elastomeric Sealant	735-2.04(B)	The encapsulant shall, within its stated shelf life in original undamaged packaging, cure only in the presence of moisture.		
Saw Cut Sealant: One-Part Elastomeric Sealant	735-2.04(B)	The encapsulant shall form a surface skin allowing exposure to vehicular traffic within 30 minutes at 75 degrees F and completely cure to a tough, rubber-like consistency in two to seven days after installation.		
Saw Cut Sealant: One-Part Elastomeric Sealant	735-2.04(B)	The encapsulant shall exhibit minimal shrinkage during or after its installation, and in no manner affect the performance characteristics of the material.		
Saw Cut Sealant: One-Part Elastomeric Sealant	735-2.04(B)	The encapsulant shall be designed to permit clean-up of material and application equipment , prior to curing of the encapsulant, with a suitable non-flammable solvent.		
Saw Cut Sealant: One-Part Elastomeric Sealant	735-2.04(B)	The encapsulant shall have a minimum 12-month shelf life in undamaged original containers when stored in a cool, dry environment.		

Material Property	Specification/ Test Method	Requirements	Results	Pass/ Fail
Saw Cut Sealant: One-Part Elastomeric Sealant	735-2.04(B)	The encapsulant shall be designed for roadway installation when the surface temperature is between 40 and 140 degrees F.		
Uncured (Wet) Encapsulant: Weight, lbs per gallon	735-2.04(B)	10.1 +/- 0.3		
Uncured (Wet) Encapsulant: Total Solids by Weight, %	735-2.04(B)	75 – 85		
Uncured (Wet) Encapsulant: Viscosity, centipoise	735-2.04(B)	10,000 – 85,000		
Uncured (Wet) Encapsulant: Drying Time, hrs, max	735-2.04(B)	Touch: 24		
		Complete: 30		
Cured Encapsulant: Hardness (Indentation)	735-2.04(B)	65 – 85		
Cured Encapsulant: Tensile Strength, psi, min	735-2.04(B)	500		
Cured Encapsulant: Elongation, %, min	735-2.04(B)	300		