

**5226 W. Missouri Avenue**

**Glendale, Arizona 85301**

 **1-888-931-3728**

 **Brewer Flex® Detector Loop Sealant ( HOT )**

 **30lb Box (Part No. 430530A)**

Description: Brewer Flex® Detector Loop Sealant is a hot applied polymer modified asphalt and fillers. Manufactured with only select virgin resins and plasticizers. Producing a free flowing, low viscosity sealant that sets up quickly. Brewer Flex® Detector Loop Sealant out performs all competition and meets or exceeds Arizona and most State Specifications

 **SPECIFICATIONS**

**Item Test Procedures Specifications Typical Results**

**Cone Penetration** ASTM D 3407, Sec.5  **35 Max 25**

 **Flow, 140° F** ASTM D 3407, Sec.6  **0.2 Max 0.0**

 **Resilience, 77° F** ASTM D 3407, Sec. 8  **30% Min 35%**

**Softening Point ASTM D 2398 180ºF Min 215° F**

**Ductility 77ºF 2”/Min D113 12”min 15in**

**Mandrel Bend \* Modified Pass Pass**

 **NOTE: \* Modified** A sample of sealant is poured in a 0.12 inch thick by 1.0 inch wide and 4.0

 Inches long configuration on a glycerin coated brass plate using appropriate molds.

**Application Temperature 379º F 380ºF**

**Maximum Heating Temperature 410 ºF 415º**

 **Additional Specifications**

**Elongation, 77° F 300% Min 500%**

**Hardness (Indentation) E. Rex hardness 65-85 70**

**Tensile Strength 500 PSI min 780 PSI**

**Penetration 125ºF, 50g, 5s 50 Max. 45**

**Unit Weight 8.5 lbs. per Gallon 8.5lbs. Per Gallon**

**Brookfield Viscosity 400ºF 7,500 Poise Max. 7,000cps**

 **CHARACTERISTICS**

**Coverage:** ½” wide x ½” inch Deep = 11 lbs /100’

 ¼” wide x 2” Deep = 22lbs/100lf ½” wide x 3” Deep = 66lbs.

**Weather Limitations:** Only apply to a clean, dry joint, when rain is not in the forecast for at least 2 hours.

**Drying Time:** Allow five to ten minutes for sealant to set (80°F, 50% RH) before opening to traffic, sand lightly if pedestrian

Or vehicle traffic cannot be avoided.

**Clean Up**: Mineral spirits or Solvit biodegradable solvent

**Packaging:** Comes in 30lb box with dissolvable liners.

**Application Equipment**: This material must be heated using indirect heating methods, either a double boiler or hot oil circulated kettle. Equipment must have means of maintaining agitation to material.

**Warranty:** Brewer Cote warrants that above referenced “Brewer Flex® Detector Loop Sealant meets applicable specifications at the time of shipment. Due to the many differing procedures used in preparing and installing sealants, Brewer Cote assumes no liability for sealant failure due to improper installation, equipment failure or operator errors  **MCDOT**



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 **Product Specifications**

 **B.C Inductive Cold Pour Loop Sealant 5gal Pail**

 **Product Number 421505A**

Brewer Cote Inductive cold pour, single component loop sealant is a one component pourable, sand, and acrylic modified asphalt emulsion for the use in sealing inductive wire loops and slots in asphalt and Portland cement concrete. This specially formulated sealant is acrylic modified to give greater flexibility in both hot and cold climates. It also skins over quickly to form a waterproof barrier. Brewer Cote's Inductive Cold Pour, Single Component Loop Sealant meets and exceeds Federal and State specification in Arizona, and other states.

**Test Parameter Limits Test Method Result**\_\_\_\_\_\_\_\_\_

Residue by evaporation, Weight percent 70 min ASTM D 2939 75%

Ash content, Weight percent 50 min ASTM D 2939 56%

Firm set time, Hours 4 max ASTM D 2939 2 Hrs.

Brookfield Viscosity, Poise RVT 50 to 125 ------------------ 110CPS.

Spindle #3, 10 RPM at 75 ± 2

Tensile Strength, PSI 20 min ASTM D 2523 44

Elongation, % 2.0min ASTM D 2939 4%

Flexibility NO Full Depth Cracks ASTM D 2939 Pass

 \*\* (See Below) \*\*

Resistance to water No blistering, re-emulsification ASTM D 2939 Pass

 Or loss of adhesion Alternative B

\*\*Note: Flexibility : Except air-dry specimens to constant weight at 75º ± 5ºF and 50º ± 10ºF relative humidity. Condition the mandrel and specimens for 2 hrs at 75º ± 2ºF before testing.

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