

BAX Marker Adhesive System

The right choice for marker application.



CRAFCOTM
AN **ERGON** COMPANY

"Pavement Preservation Products"



CRAFCO INC. **BAX 250**
AN ERGON COMPANY

The right choice for marker application is the Crafco Marker Adhesive System. Crafco's Marker Adhesive System includes both application equipment and marker adhesive.

The BAX 250 will heat 250 pounds of adhesive per hour and applies 20 "shots" per minute for high application rates. The BAX comes skid mounted. Also available is a 600 pound unit for Flexible Marker Adhesive application. A 10 foot heated hose and 24" wand allows maneuverability and efficient production. Additional hose and wand options are available.

Marker Adhesive

Standard Adhesive PN# 34269

- Meets ASTM D4280 and D4383
- Single component - Hot applied
- Uniform blend
- Very workable
- Highly adhesive
- Crafco quality

Crafco Flexible Marker Adhesive PN# 34270

- Polymer modified for temperature stability.
- Applied with standard jacketed melter.
- 30% lighter than conventional filled adhesive.
- Will not settle out in the applicator tank.
- Re-heatable.
- Flexible to 20°F (-7°C)
- Faster heat up.
- Extended life.

HOT-APPLIED BITUMINOUS MARKER ADHESIVE

PN# 34269

GENERAL Crafco Hot-applied Bituminous Marker Adhesive is a hot-applied bituminous material which, when properly used and applied, bonds markers and reflectors to both asphalt and concrete pavement surfaces. The adhesive is supplied as an easy to use single component material which is easily melted and poured or pumped onto pavement surfaces. Since it is a hot melt composition, the adhesive sets up on cooling and is ready for traffic in less than 5 minutes. Heating can be performed in either directly or indirectly heated melting units. The adhesive contains no rubber polymers which can degrade at application temperature.

SPECIFICATION CONFORMANCE Hot-applied Bituminous Marker Adhesive meets requirements for bituminous adhesive for pavement markers specified in ASTM D4280 and D4383. After melting, using gentle heating supplied by a hot plate or flame and stirring while heating to 425°F (219°C) the adhesive meets the following requirements:

ASTM D4280 and D4383

Adhesive Properties

Softening Point (ASTM D36)	200-260°F (93-127°C)
34269 Softening Point (ASTM D36)	210-230°F (99-110°C)
Penetration, 77°F (25°C) (ASTM D5)	10-18
Penetration, 140°F (60°C) (ASTM D5)	45-65
Flow, 158°F (70°C), 5hr (ASTM D 5329 modified)	0.2 inch (5mm) max.
Heat Stability Flow	0.2 inch (5mm) max.
Viscosity 400°F (204°C) (ASTM D2669)	30-75 poise
Flash Point, C.O.C. (ASTM D92)	550°F (288°C) min.
Recommended Pour Temperature	375-400°F (191-204°C)
Shelf Life	2 year min.

Filler Free Material

Penetration, 100g, 5s, 77°F (25°C) (ASTM D5)	25 min.
Viscosity, 275°F (135°C) (ASTM D2171)	12-100 poise
Viscosity ratio, 275°F (135°C)	2.2 max.

Filler

Filler content, % by weight	65-75%	Properties
Filler fineness,	No. 100 sieve	100% min.
	No. 200 sieve	95% min.
	No. 325 sieve	75% min.

APPLICATION The specific gravity of the adhesive is 1.8 at 60°F (15.5°C). Prior to use, the user must read and follow the Application Instructions for Hot-applied Bituminous Marker Adhesive to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of adhesive.

PACKAGING Standard Marker Adhesive is supplied in self-release 3 compartment disposable boxes which contain approximately 50 lbs. (22.7 kg) of material. The boxes are palletized into shipping units weighing approximately 2400 lbs. (1091 kg). Material is sold by the net pallet weight.

HOT-APPLIED FLEXIBLE PAVEMENT MARKER ADHESIVE

PN# 34270

GENERAL Hot-Applied Flexible Pavement Marker Adhesive is a hot-applied thermoplastic bituminous material which, when properly used and applied, bonds markers and reflectors to both asphalt and concrete pavement surfaces. Hot-Applied Flexible Pavement Marker Adhesive is supplied as an easy to use single component material which is easily melted and poured or pumped onto pavement surfaces. Since it is a hot melt composition, Hot-Applied Flexible Marker Adhesive sets up on cooling and is ready for traffic in less than five minutes. Hot-Applied Flexible Marker Adhesive is formulated with premium asphalt, polymers and additives to produce a unique material which hold markers in place and remain flexible at temperatures down to 20°F (-7°C)

SPECIFICATION CONFORMANCE The recommended specification for Flexible Marker Adhesive when heated to the safe heating temperature in accordance with ASTM D5167 is:

ASTM D5167

Test

Brookfield Viscosity, 400°F (204°C) (ASTM D4402)	5000 cp max.
Softening Point (ASTM D36)	200°F (93°C) min.
Penetration, 77°F (25°C) (ASTM D5)	25 max.
Ductility, 77°F (25°C) (ASTM D113)	15 cm min.
Ductility, 39.2°F (4°C) (ASTM D113)	5 cm min.
Flexibility, 1" (25mm), 90 deg., 10 sec. (Crafco Procedure)	Pass at 20°F (-7°C)
Recommended Application Temperature	380°F (193°C)
Safe Heating Temperature	410°F (210°C)

APPLICATION The unit weight of Flexible Marker Adhesive is 10.8 lbs. per gallon (1.29 kg/L) at 60°F (15.5°C). Hot-Applied Flexible Marker Adhesive must be melted in jacketed, double boiler type melting units with an effective agitation system. Prior to use, the user must read and understand the Application Instructions for Hot-Applied Marker Adhesive to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of adhesive.

PACKAGING Hot Applied Flexible Marker Adhesive is supplied in self-release 3 compartment disposable boxes which contain approximately 35 lbs. (15.9 kg) of material. The boxes are palletized into shipping units weighing approximately 1,680 lbs. (762 kg). Material is sold by the net pallet weight.

Compare and see why the superior performance of Crafco's Marker Adhesive make it a buy.



The Crafco QWIKSTIX is a fast easy way to permanently replace missing pavement markers. All you need is a propane torch, pavement marker, and a QWIKSTIX. Melt the QWIKSTIX onto the pavement then push the marker into the melted adhesive and you're done - in less than three minutes.

- || ONE PERSON OPERATION
- || NO SPECIAL EQUIPMENT REQUIRED
- || FAST, EASY, SIMPLE
- || ECONOMICAL
- || ADHERES TO ASPHALT & CONCRETE

Also used for sealing cracks.

For more information on Crafco products contact your local Crafco Distributor or call:

CRAFCO INC.
AN ERGON COMPANY

www.crafco.com
800-528-8242

420 N. Roosevelt Ave., Chandler, Arizona 85226 • Phone 1-602-276-0406 / Fax: 1-480-961-0513

Your local Crafco Representative: