

# Kwix Sealer™

HOT MELT SYSTEMS



**KwiX Corp™**

MADE IN THE  
**USA**

KwiXseal products are made in the U.S.A. By Kwix Corp. - Round Rock Texas

# Kwix<sup>TM</sup> Sealer<sup>TM</sup>

**HOT MELT SYSTEMS**

*The KwixSealer is an on demand, hot rubber mobile delivery system for replacing concrete expansion joints that are traffic ready in about three minutes.*



By

**Kwix Corp<sup>TM</sup>**

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**[www.kwixseal.com](http://www.kwixseal.com)**



# KwixSealer™

HOT MELT SYSTEMS

*The KwixSealer™ is portable hot melt dispensing system that features an all electric / low voltage operation, a heated material bin, hose and gun.*

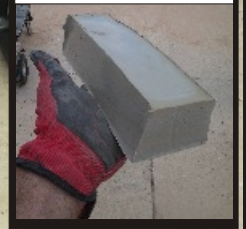
## **KwiXsealer™ Product Features:**

- \* PROVIDES CUSTOM FIT EXPANSION JOINTS
- \* APPLIED HOT, TRAFFIC READY IN MINUTES
- \* FOR CONCRETE & ASPHALT CRACKS & JOINTS
- \* MATERIALS WITHSTANDS HI OR LOW SLAB TEMPS
- \* EASY REPAIRS - MATERIAL CAN BE RE-HEATED
- \* RUBBER COLORS: GRAY, STONE & BLACK
- \* CUSTOM COLORS AVAILABLE ON REQUEST
- \* APPLIED MATERIAL MEETS APPLICABLE ASTM, AASHTO, FEDERAL & STATE REQUIREMENTS
- \* FOR PROFESSIONAL USE ONLY



- \* *Zero Waste*
- \* *No Mixing*
- \* *No Waiting*
- \* *Cuts labor costs*
- \* *Minimizes Barricade Use*

KwiXsealer™ Uses  
KwiXseal™ Rubber



Patent Pending



*Optional 100 lb. Material Hopper available for convenient refilling.*

*For use on driveways, sidewalks, shopping centers, office buildings & more!*

**WWW.KWIXSEAL.COM**



**KwiXseal™ Rubber is Applied Hot**



**Traffic Ready in Minutes**



**Custom Colors Available**



**Simply Re-heat to Repair any areas**

*KwiXseal™ offers a custom-fit, immediate use, long lasting & durable expansion joint.*

# KwixSealer™ Hot Melt System Data Sheet

Description: The KwixSealer™ hot melt system is a low voltage, light-weight / portable unit for extrusion of a high viscosity adhesive sealant material on demand. It can be used to fill expansion joints in concrete, mounting roadway markers, filling cracks or holes in asphalt or concrete as well as the sealing traffic signal loops. It can also be used for an endless number of tasks for construction jobs for bonding materials together or even doing repairs where adhesives such as a urethane, calk or glue are typically used but with one major advantage, almost immediate bonding and use.

This all-electric system is a light weight, mobile hot melt delivery system that features low voltage customer supplied power that can maintain material at application temperature. No compressed air and no gas-fed or direct fire heating is required.

The KwixSealer™ system consists of a weather resistant mobile melting unit featuring a variable length jacketed hose with a long-life cool-touch plastic shielded sleeve. A handgun applicator is supplied with each unit with an optional three foot wand available as an upgrade. The applicator is designed for maximum accuracy along with operator comfort. A check valve in the tip allows for immediate cut off of material which prevents dribbling and dripping from tip of gun.,

## **KwixSealer™ SYSTEMS ARE CUSTOM BUILT TO ORDER:**

Part number and description: KwiX-Seal 100 .ver

#KS- 100 Rover - Weather resistant manual unit, 110 /230 VAC, variable length heated hose, applicator gun with tip mounted on sturdy metal dolly / optional.

FEATURES AND OPTIONS - Standard Components

KwiX Hot Melt Sealer system includes the following features:

Stainless Steel Construction

Sturdy Cart w/Locking front wheels

100 lb. Capacity Heated Tank

Heavy duty heated hose & gun

400 Degree (F) Temperature / Standard operation

Temperature Control Settings

1/3 HP all electric motor

Power on/off operation



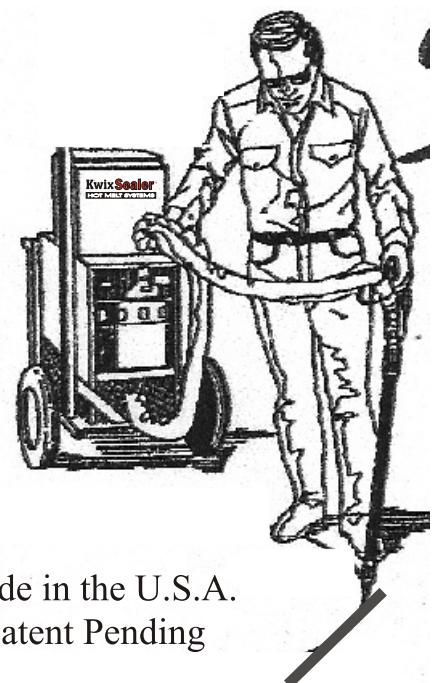
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# RE-FILLING / DOCKING CONFIGURATION @ STATIONARY MELTER

*KwixSealer™ Model Ks100 features a 100 lb. Heated tank. For 1" wide expansion joints filled 3/8" deep you can install over 500 Linear Feet before refilling. For jobs under 500 ft. A stationary melter is not needed.*





# FOR USE IN KWIXSEAL™ MELTERS PRODUCT DATA SHEET

## Hot Applied Joint & Crack Filler

**DESCRIPTION** HOT MELT RUBBER (HMR) is a light colored, hot applied, single component, elastically modified composition of non-asphaltic ingredients and modifiers. The sealant contains no solvent, is pre-reacted and when properly heated and applied, results in exceptional adhesion to both concrete and asphalt pavements. Designed for use in recessed reservoir applications.

**USE** HMR is a moderate viscosity pavement preservation sealant intended for use on highways, streets, aviation, residential and commercial parking area applications, swimming pools, patios, porches, sidewalks & recessed joints and cracks in concrete and asphalt. When properly installed, Hot Melt Rubber is an effective barrier against damage from debris, moisture, weeds, insects and other living creatures from entering the areas. For use in moderate low to high pavement temperatures.

**HEATING** HMR can be heated in an oil jacketed or similar approved melter. Melter should contain a calibrated thermometer to monitor sealant temperature and optional agitator for stirring product. HMR should be heated to desired temperature and maintained during use at application temperature. Over-heating and prolonged heating without agitation can severely damage product. In the event of overheating, purge any unused material, completely drain machine, hose and all connections and refill with new product.

**APPLICATION** HMR can be applied immediately once application temperature has been reached. Application area shall be clean and free of any dirt, moisture or chemicals. Application temperature must be at least 40 degrees (F) or higher. Do not over-fill areas and scrape off any material that ends up outside of joint or on surface area after it has cooled. Pavement can be warmed with Hot Air Lance or heat gun.

### PROPERTIES of Hot Melt Rubber

#### When sampled and heated to application temperature in accordance with ASTM D5167

<u>TEST</u>	<u>METHOD</u>	<u>SPECIFICATIONS</u>
Cone Penetration @ 77 deg. F	ASTM D5329	75 dmm maximum
Cone Penetration @ 122 deg. F	ASTM D5329	120 dmm maximum
Flow @ 140 deg. F	ASTM D5329	5.0 mm maximum
Resilience @ 77 deg. F	ASTM D5329	60% minimum
Flexibility, 90 deg. Bend, ¼" rod 2 seconds	ASTM D3111 (modified)	Pass @ 20 deg. F
Recommended Application Temperature	ASTM D5167	300-350 deg. F
Maximum Heating Temperature	ASTM D6690	350 deg. F

- Temperature of product measured at pavement surface. Use higher range of recommended temperature in cooler weather.
- Prolonged heating at or above recommended application temperature may severely damage product. Do not install if over-heated.

**PACKAGING** HMR is packaged in a variety of sizes and shapes based on customers application and desired melting technique. Square shaped cubes weighing from 5 to 30 lbs. Are available for hot melt machine use while 5/8" thick sections are available in a "pin-wheel" form factor for direct fire applications where a hot melter is not available. All products are packaged in moisture resistant plastic wrapping.

**PERFORMANCE** Many factors influence the effectiveness and useful life of HMR applications; outside temperature, material temperature, site conditions, sloped surfaces, thickness, surface preparation moisture, debris, surface and shape factor all influence to consider when installing the product. Consider and monitor each element to achieve optimal results. .

**WARRANTY** Manufacturer warrants that product sold meet applicable ASTM, AASHTO, Federal or state specifications at time of shipment. Techniques used for the preparation prior to installation into cracks and joints are beyond our control as are the product use and application methods; therefore, manufacturer shall not be responsible for improperly applied or misused product. Remedies against manufacturer, as agreed to by purchaser are limited to replacing nonconforming product or refund (in full or part) of the purchase price. All claims of breach of this warranty must be made within three (3) months of date of purchase or twelve (12) months from date of delivery, whichever is earlier. There shall be no other warranties expressed or implied.



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