



PRODUCT DATE SHEET

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

TEST	METHOD	SPECIFICATIONS
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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