

HEATING AND APPLICATION INSTRUCTIONS**REQUIRED MELTER**

Sealant requires melting to be done in an indirect Melter utilizing oil as a heat transfer medium. The Melter shall be capable of constant agitation and be equipped with a calibrated thermometer (minimum accuracy of +/- 5 degrees) that measures the temperature of the heated product. *

*** Direct heating must not be used.**

HEATING GUIDELINES

1. Charge Melter with sealant.
2. Slowly bring temperature of sealant to APPLICATION TEMPERATURE.
3. Continually agitate sealant during heating and application.
4. Begin application of sealant.
5. Add sealant to Melter at a steady rate approximately equal to the volume of sealant being applied. **
6. Maintain the temperature of sealant within the recommended APPLICATION TEMPERATURE range.

**** CAUTION: Turn off agitator when adding sealant blocks to avoid splashing.**

RE-HEATING GUIDELINES

1. If material is to be left in Melter and reheated, reduce level of sealant to approximately 25% of machine capacity before shut down.
2. At time of reheating, charge Melter with sufficient blocks of sealant to equal amount of material being reheated.
3. Continually agitate sealant during heating and application.
4. This reheating process can be used repeatedly without causing damage to the sealant.

PREPARATION OF CRACKS AND JOINTS

Preparation shall be per the requirements of the specifying agency and inspected by the engineer prior to sealing. All sealants perform best when applied to a clean surface. Care must be taken to remove all laitance, dust, curing compound and other foreign matter prior to sealant placement. The crack or joint can be prepared using one or more of the following methods:

Routers: Remove all dust using heat lance or compressed air.

Saw Cutting: Sand blasting recommended after saw cutting.

Heat Lance: Works best on damp or dry pavement.

Powered Stiff Bristle Broom: For cracks and Joints not routed.

CRACK AND JOINT CONFIGURATION

Configuration of crack and joint ratio of 1:1 width to depth is widely accepted, but should be specified by controlling agency. Sealant should be in applied accordance with specifying agency's procedure (over band, squeegee, etc.).

Portland cement concrete pavement joints should be filled 6 mm (1/4') below the surface. For best results, a heat resistant, non-water absorptive backer rod or rope is recommended. Backer rod should be tightly fitted into joint.

SEALANT INSTALLATION

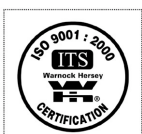
Installation should be done only when weather conditions are dry and pavement temperature exceeds 40° F (5° C). Sealant must be applied to a clean dry surface. Compatibility with surface treatments should be

Ultraseal Waterproofing and Sealant Technologies Inc.

5309 Maingate Dr. Mississauga, Ontario Canada L4W 1G6

905-629-2209 / Fax: 905-629-3761 / Toll Free: 888-385-8721

www.ultrasealproducts.com



Effective March, 2003

confirmed by the user through field-testing prior to application. Installation can be by gravity pouring cones or by pump apparatus.

Ultraseal Waterproofing and Sealant Technologies Inc.
5309 Maingate Dr. Mississauga, Ontario Canada L4W 1G6
905-629-2209 / Fax: 905-629-3761 / Toll Free: 888-385-8721
www.ultrasealproducts.com

Effective March, 2003