



DESCRIPTION: SA 210 is a Premium Grade, hot applied, single component, elastically modified composition of asphalt cement, virgin synthetic polymer, premium rubber and other modifiers, which results in a fast setting, self leveling and quick melting sealant.

USE: SA 210 is a moderate viscosity pavement preservation sealant ideally suited for parking lots, slow vehicle and pedestrian areas, plus highway, street and aviation applications for sealing longitudinal and transverse joints and random cracks in asphalt or concrete pavements where a firm yet pliable material is desirable. Properly installed, SA 210 is an effective barrier against damage from debris and moisture infiltration into cracks and joints within regions experiencing moderate high and moderate low pavement temperatures.

HEATING: Sealant shall be heated in a jacketed double boiler type melting unit or in direct bottom fired type melters having sufficient agitation and temperature controls to assure that the sealant is heated and maintained within the specified application temperature range of 380 to 400°F. Prolonged heating and re-heating at or above the recommended application temperature may severely damage the product. If overheating damage occurs, immediately drain machine completely and refill with new material.

APPLICATION: SA 210 is pre-reacted and can be applied immediately after heating to Recommended Application Temperature. With pavement temperature at 40°F (4°C) or higher, place material into clean, dry crack or prepared reservoir by means of a hand-held pot, wheeled push bander or wand applicator with disk shoe or sealing tube. Squeegee any excess sealant tight to pavement surface. Pavement may be warmed to 40°F (4°C) or higher with a hot air lance.

PROPERTIES of SA 210

When sampled and heated to maximum heating temperature in accordance with ASTM D-5167:

<u>TEST</u>	<u>METHOD</u>	<u>SPECIFICATION</u>
Cone Penetration @ 77°F (25°C)	ASTM D5329	50 dmm maximum
Cone Penetration @ 39°F (4°C) 200g 60s	ASTM D5329	15 dmm maximum
Flow @ 140°F (60°C)	ASTM D5329	1.0 mm maximum
Resilience @ 77° (25°C)	ASTM D5329	40% minimum
Asphalt Compatibility @ 140°F (60°C) 72 hr.	ASTM D5329	PASS
Softening Point	ASTM D36	205°F (96°C)
Flexibility @ 1" (25mm) mandrel, 9049 bend	ASTM D3111	Pass @ 0°F (-18°C)
Tension Adhesion @ 77°F (25°C)	ASTM D5329	500% minimum
Ductility @ 77°F (25°C)	ASTM D113	40 cm minimum
Recommended Application Temperatures*		380 - 400°F (193 - 204°C)
Maximum Heating Temperature**		400°F (204°C)

*Temperature of product is measured at pavement surface. Use highest Recommended Application Temperature in cool weather.

**Prolonged heating at or above Recommended Application Temperature may severely damage product.

PACKAGING: Material is packaged in cardboard boxes and is also available in fully meltable packaging formulated as part of the melted product. The unit weight of SA 210 is 9.3 lbs/gal. Standard packaging is 30 lbs. (13.6 kg) per box in either packaging format. The palletized products contain 70, 75 or 80 boxes per pallet depending on choice of packaging. Pallets are moisture protected with a plastic wrapping and bound with a minimum of two layers of UV resistant stretch wrap.

PERFORMANCE: Temperature fluctuations, site conditions, surface preparation, traffic, installation technique, material selection, shape factor and surface treatment compatibility influence the effectiveness and useful life of pavement preservation treatments. Consider and monitor each element for optimum results. Purchaser and end user should determine applicability for use in their specific conditions.

WARRANTY: COMPLETE DETAILS ON REVERSE SIDE OF THIS DATA SHEET

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