BERAM **195** LM
LOW MODULUS
HOT APPLIED JOINT SEALANT

DESCRIPTION

BERAM 195 LM is a high performance, hot applied single component low modulus joint and crack sealant. **BERAM 195 LM** is a very soft sealant that offers excellent low temperature bonding properties, while still maintaining a high degree of resiliency to reject incompressibles. **BERAM 195 LM** permits high elongation at cold temperatures with low stress development. **BERAM 195 LM** will not flow from the joint or be picked up by vehicle tires at high service temperatures.

RECOMMENDED USE

BERAM 195 LM is recommended for large scale sealing of joints and random cracks in Portland cement concrete and asphaltic concrete pavements in cold climate areas. **BERAM 195 LM** was specifically formulated to provide extra protection against low temperature expansion and repeated freeze thaw cycles.

APPLICABLE SPECIFICATIONS

BERAM 195 LM meets or exceeds:

- ASTM D-3405 Modified - Low Modulus
- Various State and Provincial D.O.T. specifications.

APPLICATION TEMPERATURES

- Recommended Pouring Temperatures 170°C (340°F)
- Maximum Safe Heating Temperatures 200°C (392°F)

APPLICATION GUIDELINES

For detailed joint and crack preparation or specific application instructions, refer to specifying agency publications or contact a manufacturer representative.

MELTING EOUIPMENT

BERAM 195 LM must be melted in a double boiler, oil-jacketed kettle, equipped with mechanical agitator and separate temperature thermometers from both the oil bath and melting vat.

COVERAGE

BERAM 195 LM weighs approximately 9.0 lbs/gal (1.10 Kg/L). A joint 1/2" x 1/2" (1.27 cm x 1.27 cm) requires approximately 11.0 lbs per 100 lineal feet or 16.0 Kgs per 1 00 lineal meters.

PACKAGING

- 450 lb (205 Kg), open top drums containing 10 individual 50 lb pucks.
- 2 x 25 lb polybags in a high strength corrugated cardboard container.
- 50 lb steel pails.

PHYSICAL PROPERTIES
BERAM 195 LOW MODULUS HOT APPLIED JOINT SEALANT

ASTM D 3405 MODIFIED

PROPERTIES	TEST METHODS	SPECIFICATIONS	TYPICAL RESULTS
Penetration @ 25°C 150 G, 5 sec	ASTM D 3407	90-150	120
Flow @ 60°C	ASTM D 3407	3 MM MAX.	1.0
Bond @ -29°C 200% ext - 1/2"	ASTM D 3407	PASS 3 CYCLES	PASS
Resiliency @ 25°C	ASTM D 3407	60% MIN.	70%
Asphalt Compatibility	ASTM D 3407	PASS	PASS
Ductility @ 25°C	ASTM D 113		50 CM
Heat Stability 6 hours @ pouring temp.	ASTM D 3407	PASS ALL REQUIREMENTS	PASS