

# BERAM 190

## HOT APPLIED JOINT SEALANT

### DESCRIPTION

**BERAM 190** is a hot applied, single component joint and crack sealant. **BERAM 190** is a blend of asphalts, virgin polymers, synthetic rubbers and reinforcing fillers. **BERAM 190** offers advanced low temperature bonding properties, prolonged resistance to degradation from weather and a positive seal during the expansion and contraction of the joint or crack.

### RECOMMENDED USE

**BERAM 190** is recommended for the large scale sealing of joints and random cracks in Portland cement concrete, and asphaltic concrete pavements.

### APPLICABLE SPECIFICATIONS

BERAM 190 meets or exceeds:

- ASTM D-1 190
- Federal Specification SS-S-164 and amendments
- ASSHTO M-173
- Various State and Provincial D.O.T. specifications.

### APPLICATION TEMPERATURES

- **Recommended Pouring Temperatures 185°C (365°F)**
- **Maximum Safe Heating Temperature 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 EQUIPMENT

**BERAM 190** must be melted in a double boiler, oil-jacketed kettle, equipped with mechanical agitator and separate temperature thermometers for both the oil bath and melting vat.

### COVERAGE

**BERAM 190** weighs approximately 9.6 lbs/gal (1.15 Kg/l). A joint 1/2" x 1/2" (12.7 mm x 12.7mm) requires approximately 12 lbs per 100 lineal feet or 17.7 kgs per 100 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 190 HOT APPLIED JOINT SEALANT**

## ASTM D 1190

TEST	SPECIFICATIONS	TYPICAL RESULTS
Pen @ 25° C (77°F) 150g, 5 sec.	90 MAX.	60
Flow @ 60°C (140°F)	5.0 MM MAX.	2.0 MM
Bond - 17°C (O°F)	PASS 5 CYCLES	PASS 5 CYCLES
<b>ADDITIONAL PROPERTIES</b>		
Prolonged Heating	6 HOURS MAX.	NO CHANGE
Resiliency (ASTM 3407)		50%
Asphalt Compatibility (ASTM 3407)	PASS	PASS