



# PRODUCT DATA SHEET

**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-6690 TYPE 1 (Formerly ASTM D – 1190)
- Federal Specification SS-S-164 and amendments
- AASHTO M-173; AASHTO M 324-04
- Various State and Provincial D.O.T. specifications

## **APPLICATION TEMPERATURES**

- **Recommended Pouring Temperatures 185°C (365°F)**
- **Maximum Safe Heating Temperatures 200°C (392°F)**

## **APPLICATION GUIDELINES**

For detailed joint and crack preparation specific application instructions refer to specifying agency publications or contact 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 ½ x ½ " (12.7 mm x 12.7 mm) 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
- 1 x 30 lb. Polybags in a high strength corrugated cardboard container

# **BERAM 190**

## **HOT APPLIED JOINT SEALANT**

PHYSICAL PROPERTIES  
BERAM 190 HOT APPLIED JOINT SEALANT

ASTM D-6690 TYPE 1  
Formerly ASTM D -1190

<b>PROPERTIES</b>	<b>SPECIFICATIONS</b>	<b>TYPICAL RESULTS</b>
Penetration @ 25°C (77°F) 150g, 5 sec.	90 MAX.	60
Flow @ 60°C (140°F)	5 MM MAX.	2.0 MM
<b>ADDITIONAL PROPERTIES</b>		
Prolonged Heating ASTM D-3407 (after 6 hours @ pouring temp)	PASS ALL REQUIREMENTS	PASS
Resiliency (ASTM D-5329)	25% Min., 60% Max	50%
Asphalt Compatibility (ASTM D-5329)	PASS	PASS

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