



Concrete Admixtures and Fiber

IMIJOINT HP

Hot Applied Joint Sealer

DESCRIPCION

IMIJOINT HP is a premium quality, hot applied single component joint and crack sealant. **IMIJOINT HP** is a formulated blend of engineered asphalts, virgin polymers, synthetic rubbers, reinforcing fibers, and antioxidant inhibitors. **IMIJOINT HP** unique blend offers excellent low temperature bonding properties, prolonged resistance of degradation from weather, and a positive seal during the expansion and contraction of the joint. **IMIJOINT HP** remains ductile and highly resilient at low and high service temperatures.

USES

IMIJOINT HP is recommended for the large scale sealing of joints and random cracks in Portland cement concrete and asphaltic concrete pavements.

APPLICATION

Application Temperatures:

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

Guides for the application of joint sealant:

A fine portion of **IMIJOINT HP** is going to accommodate more movement than a thick portion. **IMIJOINT HP** should not be thicker than 13mm (1 inch) and not finer than 6mm (1/4 inch). Between this limits, the ratio between width of sealant to the depth should be 2:1.

IMIJOINT HP is part of a system that should include an adequate backer-rod like **IMIROD HPXL** to control the depth. The baker-rod should be an extruded round, closed cell polyethylene foam for hot pour sealant applications.

MELTING EQUIPMENT

IMIJOINT HP 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.

INTERNATIONAL MATERIALS INDUSTRIES, L.L.C.

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COVERAGE

IMIJOINT HP weighs approximately 1.15 kg/l (9.6 lbs/gal). 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.

TECHNICAL INFORMATION

Applicable Specifications

IMIJOINT HP meets or exceeds:

- ASTM, D-6690 Type II and III formerly (ASTM D-3405)
- ASSHTO M-324-04
- Federal Specification SS-S-1401-C
- FAA Especification P-605 Tipo III
- Corps of Engineers CRD-C530
- Various States and Counties D.O.T. Specifications