



Concrete Admixtures and Fiber

IMIJOINT AJF-1

Rubberized Joint Filler

DESCRIPTION

IMIJOINT AJF-1 is a one-part, cold-applied asphalt emulsion fortified with latex and fillers and is 100% asbestos free. IMIJOINT AJF-1 is cold pourable and will produce a durable, flexible, low-modulus joint sealant for use in concrete and bituminous applications. IMIJOINT AJF-1 is especially effective for sealing transverse contraction and expansion joints, longitudinal, center line and shoulder joints. IMIJOINT AJF-1 can be the original sealant in new concrete construction or a remedial or repair sealant in old construction.

ADVANTAGES

- Easy to use, one-component, cold applied, can be poured directly from the container
- Consistency is relatively unchanged over normal installation temperature range
- Primer is not required for bonding to concrete
- Seals irregular surfaces provided adequate contact is made between sealant and substrate
- Resilient - prevents stones and other non-compressibles materials from entering the joint
- Fast cure - sealant will have a tack-free surface in two hours and complete curing in 8 hours so that roads can be opened quickly

APPLICATION

A thin bead of IMIJOINT AJF-1 will accommodate more movement than a thick bead. IMIJOINT AJF-1 should be no thicker than 1 inch (13 mm) and not thinner than ¼ inch (6 mm). Within these limits, the sealant width-to-depth ratio should be 2:1. In all cases, the sealant does not need to be recessed below the pavement.

INTERNATIONAL MATERIALS INDUSTRIES, L.L.C.

2800 N. Johnson St*New Orleans, Louisiana 70117 * PHONE: (504) 267-3344 * Fax: (504) 267-3345

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IMIJOINT AJF-1 is part of a system that must include the proper backer rod and proper installation procedures. The backer rod must be expanded closed-cell polyethylene foam. Where irregularly shaped joints exist, backer rod that is open-cell with an impervious skin is recommended like IMIROD to ensure a tight fit. Several other back-up materials (paper, fibrous ropes and open cell foam) are available, but have proven to be unacceptable.

Yield :

IMIJOINT AJF-1 yields approximately a rate of 320 linear feet per gallon in a ¼" X ¼" joint.

LIMITATIONS

IMIJOINT AJF-1 must be mixed well before use. It must be applied into joints that are free from all foreign matter and residues. IMIJOINT AJF-1 should remain dry until it has cured.

DO NOT ALLOW material to freeze.