



This guide details our recommended installation instructions for RP 6297. It will cover: tools/equipment, preparation, calculating coverage, and installation procedures to follow. It is our goal to help our customers successfully complete an installation, beginning to end, by using the right products with the best methods. At times, an engineer or contractor may find themselves with job specifications that are too general for instruction or so specialized where they need clarification. If any questions arise before, during, or after the installation please call our DeKalb headquarters at 815-754-5700.

Tools and Materials

- Saw to cut asphalt
- Compressed air
- Chalk line
- Tools to remove asphalt (shovel/jackhammer)
- Mixing/melting equipment
- Wheel barrows (2)
 - Metal buckets for pouring (3)
- Heavy duty masking tape
- Backer rod
- Gas cylinders
- Vibrating roller or plate compactor
- Tool to spread and level aggregate
- Long handle bristle brushes
- Trowels for spreading primer
- Heat lance or gas torch

Joint Preparation

1. Recommended width of complete system is 20 inches. Use the chalk to mark a line where the asphalt layer will be cut.
2. Use the saw to cut along the marked chalk lines. Only the asphalt layer should be cut and removed. The surface should be cleaned from any debris using compressed air.
3. Fill the joint gap with backer rod that is compatible with RP 6297. Right Pointe's compatible product is Cross Linked Backer Rod – Hot.

Calculating Coverage

The coverage rate of RP 6297 is 120 lb/ft³.

Example – A joint at 1" x 20" x 20 foot requires: 0.083 ft x 1.666 ft x 20 ft = 2.766 ft³
2.766 ft³ x 120 lb/ft³ = 332 lbs

Application

1. Heat RP 6297 binder between 350 °F and 400 °F. Do not use RP 6297 with aggregate. Pour on top of the backer rod until flush with the joint gap. It is better to overfill rather than underfill.
2. Use a heat lance or gas torch to heat the joint surface. Pour a 3mm or less prime coat of binder evenly across the joint surface. This ensures a strong bond with the aggregate and traffic bearing plate. The prime coat shall be allowed to cool but remain tacky to touch before proceeding.
3. Install the traffic bearing plate over the joint gap. This will be on top of the prime coat and along the entire joint.
4. Heat RP 6297 Binder and Aggregate between 350 °F and 400 °F using a melter with a continuous agitation system and calibrated thermometers.
5. Apply aggregate in uniform, one-inch layers until the joint is filled.
6. Use a vibrating roller or plate compactor to compact the aggregate. If additional aggregate is needed, add more layers and compact until the joint is level. Any excess aggregate should be removed from the surface. No encapsulation or color coating of the aggregate shall be applied after installation.
7. There should be no disturbances or trafficking during the cure period.

