



AQUAPHALT (6.0) MEDIUM

Aquaphalt™ is a revolutionary, high performance, flexible, reactive, cold-mix, asphalt repair product for use in repairing asphalt and concrete road surfaces. Aquaphalt™ reacts with plain water to provide a permanent repair solution. All sizes of Aquaphalt™ are free of solvents or volatile organic compounds (VOCs).

FEATURES & BENEFITS

- **Permanent Solution:** Aquaphalt™ is stronger than typical hot-mix asphalt pavements and unlike other conventional cold-patch asphalt products, which never deliver a truly permanent repair
- **Cost Effective:** Aquaphalt™ saves time and money by eliminating costly repeat repairs
- **Environmentally Sustainable:** Aquaphalt™ contains no toxic solvents or VOCs, making it friendlier to the environment

USES

This product can be used on highways (asphalt or concrete), runways/taxiways/aprons, bridge decks, manhole repairs, potholes, utility cuts, parking lots, driveways, tennis courts and pathways.

PROCEDURES

Remove all loose material from area to be repaired. Place Aquaphalt™ in the patch and level with a rake or trowel. Allow 0.5" (1.3 cm) to 1.0" (2.5 cm) of additional height for compaction. Saturate with water and compact. If the depth of the pothole is greater than 2.0" (5.1 cm) to 3.0" (7.6 cm), it is advisable to fill the hole in two layers. In colder weather, a freezing point suppression additive may be added to the water prior to saturation (i.e. road brine, salt water, etc.).

TECHNICAL DATA

Aggregates: All of the aggregate materials are a crushed granite and are from an approved Virginia DOT source. All of the aggregate materials are from a non-polishing source and have the following properties: ASTM C-127, 128; Specific Gravity: 3.0% Max.

Binder: Reactive Binder is a further development of the "Raps-Asphalt" technology. "Raps-Asphalt" is a plant-based binder with bitumen (a naturally occurring Organic by-product of organic materials), which represents a total weight of approximately 5-8% of the finished product. This binder contains natural rapeseed oil which improves stability. The binder of Aquaphalt™ is a proprietary liquid that similarly contains renewable natural raw materials.

Gradation Analysis

Sieve Sizes	6.0 mm % Passing
1/2" Sieve	100
3/8" Sieve	100
#4 Sieve	85-100
#8 Sieve	20-55
#16 Sieve	12-32
#200 Sieve	3-6

CURING

Aquaphalt™ hardens quickly for immediate use. After water is applied, Aquaphalt™ will start to cure in 15 minutes and can be opened to traffic immediately. The reactive process happens relatively quickly and Aquaphalt starts to get hard and in most cases will be fully cured in 24 hours. Since Aquaphalt™ does not release any harmful VOCs, it can be sealed 24 hours after installation.

CLEAN-UP

Use automotive hand cleaners on hands. Tools may be cleaned with light oil, mineral spirits or vegetable oil.

STORAGE & HANDLING

Each bucket of Aquaphalt™ contains approximately 23 KG (50 lb) of material. Store indoors, in cool, dry conditions. Avoid direct sunlight and/or exposure to freezing. Aquaphalt™ can be applied in freezing conditions, but workability is best when it is stored indoors.

WEBSITE

For more information, visit www.aquaphalt.com.



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Warranty: RoadStone Production LLC, a Virginia limited liability company (RSP), provides an unlimited "CURING GUARANTEE" to the Customer that Aquaphalt™ product[s], produced by RSP LLC, and sold by its authorized Distributors will cure, upon proper installation – as directed in written form by the manufacturer and applicable standards – within a reasonable time frame (24 hours to 120 hours) from the date of installation. See website for more details: www.aquaphalt.com. [REV.0004_02/27/20]

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