

Ecophalt™

Cold Patch

Environment-Activated Formula

Product Description

Ecophalt is a highway-grade, high performance, extremely stable, cold-applied patching material offering excellent workability at low temperatures and in wet weather. Ecophalt is a cold mix of aggregates, bituminous binder and nanotechnological additives intended to be placed cold, for long-term pothole and spall repairs. Ecophalt uses a high-density black granite aggregate having a density of over 2,650 kg/m.

Basic Uses

Ecophalt is a high performing and flexible product for infrastructure use, aimed at the repair of asphalt and reactive concrete. Ecophalt reacts with water or environmental moisture to provide a long-term repair. It may be installed in all weather conditions (cold, rain, snow) for year-round repairs.

- Bridge decks
- Asphalt and concrete paved roads and highways
- Around manholes, drains and other fixtures
- Bike paths
- Parking lots

Features and Benefits

- Install in wet or dry conditions with no temperature limitations
- Pre-mixed and ready to apply with no specialized equipment required
- Return to traffic in minutes
- No VOCs – environmentally friendly

Physical Properties*

Aggregate

Black granite

Sieve Size	% Passing
5/16"	100
#3 ½	99
#7	68
#14	52
#25	42
#45	34
#80	19
#170	7
#325	1

Binder

Ecophalt contains a binding agent, a proprietary blend called Ecophalt MIX, which has no concentration of volatile organic compounds (V.O.C.). Ecophalt MIX is 10% of the weight of the finished product. The binder contains vegetable oil which improves stability.

Property

VOC Content

Value

none

Density

2650 kg/m³

Viscosity

Malleable at >59 ° F (material temperature)

* The values shown are based on system testing under laboratory conditions. Different field application conditions or lab equipment configurations may result in system value variances.

Packaging

- 50 lb bag
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Installation

Site Preparation

- Remove loose debris and rinse the repair area to ensure sides/edges are clean. Area to be repaired may be wet or dry.
- Ecophalt should be stored at 60 °F (15 °C) prior to starting repair for optimal workability of product.

Application

- Pour Ecophalt into the pothole.
- Level with a rake or shovel.
- Compact with hand tamper or vibratory plate compactor equipment. It is not necessary to add water to the material.
- The repair material should be proud of the surface by ½ to 1" based on the depth of the repair, allowing traffic to complete the compaction.

Clean Up

- Hand cleaners generally used in automobile maintenance. Tools may be cleaned using light oils, mineral or vegetable oils.
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Limitations/ Shelf Life

Six months when stored in a dry place in original, closed packaging. Optimal storage temperature: above 60 °F (15 °C).

Warranty

FPT Infrastructure warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, FPT Infrastructure makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to FPT Infrastructure Products. FPT Infrastructure's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of FPT Infrastructure Products proven to be defective, and FPT Infrastructure shall not be liable for any loss or damage.

Please refer to our website at fptinfrastructure.com for the most up-to-date Product Data Sheets.

NOTE: All FPT Infrastructure Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.