

RepPhalt Fast Setting Asphalt Repair

DESCRIPTION:

RepPhalt FS Fast Setting Permanent Asphalt Repair is the proven water-activated, permanent patch material designed to last. It is environmentally friendly with no VOCs whatsoever, and can be installed in any season, any weather, especially below freezing temps. During the harshest winter freeze, we recommend adding either salt brine or eco-friendly antifreeze to your water, then pour on the **RepPhalt FS** and tamp down.

RepPhalt FS Fast Setting Blacktop Permanent Repair is a specially formulated, VOC free, high performance, fast activating asphalt cold patch material for repairing **any** depth of Utility Cuts and Potholes plus Cracks **over** 1 in (25mm) wide in asphalt pavements.

USES:

RepPhalt FS Fast Setting Blacktop Permanent Repair is suitable for use on roads, driveways, and walkways as well as carious utility operations. The product contains new technology modifiers which provides superior placement and produces a virtually permanent repair in a short period of time, even in cold, damp conditions. Product will be fully cured in 24 hours.

APPLICATIONS:

Highways (Asphalt or Concrete)
Roadways, Parking Lots
Tennis & Sports Courts
Runways, Taxiways, Aprons
Bridge Decks, Transitions
Man Hole Repairs, Potholes
Utility Cuts, Pathways

SIZES:

50 lb. pails & 50 lb. (On Request) waterproof bags.

YIELD:

Each 50 lbs. will yield approximately 0.5 ft³ (14L) when properly compacted and will cover an area of approximately 6 ft² (0.56 m²) when placed at a thickness of 1 in (25 mm).

PRECAUTIONS:

- Apply **RepPhalt FS** at a minimum depth of 1 in – 4 in (25-100 mm).
- Apply in 2 in (50 mm) lifts so that adequate compaction of each layer can be accomplished before more material is added.
- Avoid getting **RepPhalt FS** on hands or clothing.

- **RepPhalt FS** is not designed for curbs or other unconfined areas or designed to replace the Use of Hot Mix Asphalt for large areas such as entire roadways, driveways or parking lots.
- Avoid dry turning tires on patched area until the material has hardened sufficiently (certain weather conditions may extend this period). Typical times can range from 1 to 5 hr.
- Follow **TTM's RepDeck** asphalt sealers directions regarding their applications.
- Do not use for resurfacing paved areas.

TECHNICAL DATA:

AASHTO M-323 RepPhalt is designed and tested using AASHTO and ASTM testing specifications related to hot mix asphalt.

TABLE 1: Combined Aggregate Gradation Ranges

Sieve Size	% Passing
1/2"	97-100%
3/8"	83-100%
No. 4	58-80%
No. 8	42-62%
No 30	20-40%
No 100	5-20%
No 200	2-9%

All aggregate materials are a crushed granite from an approved DOT source. All aggregate materials are quality tested and having the following properties:

- AASHTO T-85, 84 Spec. Gravity <= 3.000.
- AASHTO T-176 SE value > 80
- AASHTO T-304 FAA value > 45
- AASHTO T-11/ASTM C-117 % 75-µm (No.200) < 7.0
- AASHTO T-27/ASTM C-136 Uniform material

Typical Hamburg Wheel results (AASHTO T324)

2" Depth- 10,000 passes
6" Depth- 20,000 passes

PREPARATION:

RepPhalt FS is easy to use, but surface preparation is important. Square cut the vertical sides of the hole to provide for proper confinement of the patch. Sweep or blow out the pothole, depression, or other area to be repaired so that it is free of loose dirt and debris. If temperatures are below freezing make sure to remove ice. For best results, blow the area dry before applying product.

APPLICATION:

It is recommended that you wear impervious gloves such as nitrile when working with any asphalt material. Follow these procedures when applying **RepPhalt FS**: The application should not be less than 1 in (25 mm) thick after final compaction. Fill the hole with **RepPhalt FS Fast** to a height of .5 in (13 mm) crowning above the surrounding area. Material depths over 2 in (50 mm) must be applied in 2 in (50 mm) lifts and must be adequately compacted before additional material is added.

Pour water evenly across the entire repair. Approximately 1 pt. (0.5 L) of water per square foot of area. Repeat for each layer. Compact to a level surface with a Mechanical or hand tamper. Apply additional water to the surface of the compacted area; enough that there is standing water on the surface.

CLEAN UP:

Tools and Equipment: Clean with **RepSolv-X™**, Xylene or approved solvent. Dispose of in accordance with current applicable local, state, and federal regulations.

COLOR:

Black

SHELF LIFE:

Pails- 1 year; Bags- 6 months. Excessive temperature differential and/ or high humidity can shorten the shelf-life expectancy.

STORAGE:

The material should be stored between 40°F – 95°F (4°C – 35°C) in a cool, dry area away from direct sunlight.

READ SDS PRIOR TO USING THIS PRODUCT.**WARRANTY:**

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either **TuffTex Materials** or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or reimburse for any material proved defective, with our liability limited to the purchase price of materials supplied by us.

