

# ShaliPatch®



Instant, Convenient & Durable System to Repair Pot-Holes

STP Limited

## Description

**ShaliPatch®** is a ready to use material for repairing pot-holes / other openings in bituminous / concrete surfaces. It can be used in ambient temperature in the range of 0-50 °C. It is a modified all-weather bitumen paste in liquid asphalt with chemicals, anti-stripping agents, graded aggregates and additives.

**ShaliPatch®** is a blend of carefully selected graded aggregates, which are subject to various rigorous tests. These graded aggregates undergo several processes of mineral dressing such as sieving, pre-washing, controlled temperature hot air drying and followed by mixing with essence of asphalt-polymer paste and special grade of bitumen.

## Characteristics

Physical Form	Granular Solid	Penetration of residue at	5 – 6 mm
Appearance	Black Tarry	25 °C	
Moisture, %	0.20	Flash Point, °C	> 150
Distillate Test, %, Residue		Ductility of residue at 25 °C	> 30 Cm Min
≤ 260 °C	0 - 15	Apparent Density	2.20 grm / Cc
> 261 °C < 315 °C	15 - 65	Mesh Size	≤ 5 mm
> 316 °C < 360 °C	70 - 85	Trichloroethylene Solubility	99 % (Max)

## Application

- Heating or mixing not required.
- No heavy machineries like mixture, road roller, etc required; shovel, compactor are enough.
- ShaliPatch may be used to fill and level pot-holes in bituminous / concrete surfaces.

## Advantages

- Instant, convenient and clean system free of any smoke, noise or pollution.
- No heating required.
- No traffic diversion / jam unlike conventional road repair.
- No loss of material as it instantly bonds.
- No sticking to tyres, thus providing longer durability.
- Excellent and versatile system for repairing depressions / gaps & joints in bituminous / concrete openings.

## Application Methodology

### ➤ Surface Preparation

- Clean the pot-hole, preferable with compressed hot air, to ensure removal of all foreign and loose particles.
- If the pot-hole is more than 4" deep, fill it partially with hard rocks of 25 – 50 mm.
- Compact rocks before pouring **ShaliPatch®**.

### ➤ Application of Material

- Shovel ShaliPatch in to pot-hole straight from poly bag to slightly crown it. If pot-hole is more than 2" deep, apply 2" layer in succession. When completed, compact the pot-hole with a rammer or wooden mallet.

- For longevity, apply two coats of ShaliSeal RS TC over the compacted **ShaliPatch**<sup>®</sup>. Allow ShaliSeal RS TC to dry.
- Open the compacted area to traffic.

### Health & Safety

- Avoid contact with skin / eyes, and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

### Packing

Available in 25 kg poly bags.

### Storage

Keep in well ventilated dry place in packed condition under shed, away from heat or direct sun light to avoid harden. Stack bags up to three layers only.

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