

Description

ShaliPatch® is a ready to use material for repairing pot-holes in flexible roads. It can be used in ambient temperature in the range of 0 to 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 crushed gravels / aggregates which are subject to various rigorous tests. These graded crushed gravels / 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 25°C	5 - 6 mm
Appearance	Black Tarry	Flash Point, °C	> 150
Moisture, %	0.20	Ductility of residue at 25°C	> 30 cm min.
Distillate Test, %, Residue		Apparent Density	2.20 gm / cc
• ≤ 260°C	0 - 15	Mesh Size	≤ 5 mm
• 261°C < 315°C	15 - 65	Trichloroethylene Solubility	99 % (max.)
• > 316°C < 360°C	70 - 85		

Application

- **ShaliPatch®** may be used to fill and level pot-holes in bituminous / concrete surfaces.
- **ShaliPatch®** may be used on sides of railway tracks in level crossings and tram lines.

Advantages

- Instant, convenient and clean system free of any smoke, noise or pollution.
- No heating or mixing is required.
- No heavy machinery is required. Shovel and compactor are good enough
- No traffic diversion / jam unlike conventional road repair.
- No loss of material as it instantly bonds.
- No sticking to tyres, thus providing longer durability.

Application Methodology

➤ Surface Preparation

- Clean the pot-hole, preferable with compressed hot air, to ensure removal of all foreign and loose particles.
- Ensure that the minimum of the pothole to be filled is 50 mm. If the pot-hole is more than 100 mm deep, fill it partially with 25 - 50 mm hard rocks / pebbles.
- Compact rocks / pebble 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 50 mm deep, apply 50 mm 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®**. 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 eye contact, 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

- Store in a cool dry clean place, at 5°C - 35°C, in original sealed condition.
- Keep in well ventilated dry place in packed condition under shed, away from heat or direct sun light to avoid hardening.
- Stack bags up to two layers only.

Shelf Life

6 months in original unopened sealed conditions.



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