



POTHOLE PATCHING

EASY and EFFECTIVE
Pothole Repair



WHAT IS TOSAS POTHOLE PATCHING (TPP):

TPP hot-mixed cold-laid asphalt is carefully blended mixture of crushed stone and specially prepared bitumen. It is similar to the asphalt that is used for conventional surfacing of roads, but it has been manufactured expressly to make it easy to use in both large and small applications.

IT'S EASY:

Ready to use TPP, Simply leave the bag in the sun for an hour, pour out on to a firm surface for the desired amount. Rake, roll or hand ram and the surface is complete.

IT'S CLEAN:

No messy preparation. TPP Do-It-Yourself asphalt is pre-mixed with stone chips, to make it clean and instant to use. It comes packaged in 25kg bags, for no mess and easy handling.

IT'S EFFICIENT:

TPP provides a permanent, all-weather, easy to lay surface that requires no maintenance for many years.

IT'S ECONOMICAL:

One 25kg bag of TPP covers approximately one meter of new surface when laid +/- 20 mm thick.

SPECIFICATION:

The manufacture of TPP is a quality-controlled process, which complies with manufacturers specifications. Full specification sheets are available on request. All materials used in the manufacture of TPP, are SABS approved.

Standard Test Methods	Description of Property	Result	
SANS 3001 – AS10:2011	Bulk Density of Compacted Asphalt	1929 kg/m ³	
	Void Content of Compacted Asphalt	21.8%	
SANS 3001 – AS11:2011	Maximum Void-less Density	2466 kg/m ³	
SANS 3001 – SA20:2011	Binder Content of an Asphalt Mix	4.3%	
	Grading Analysis – Cumulative % passing	9.5mm	100
		6.7mm	92
		4.75mm	43
		2.36mm	15
		1.18mm	10
		0.600mm	7
		0.300mm	6
		0.150mm	5
		0.075mm	2.8



Binding roads, linking people.



The tests were performed in National Asphalt's laboratory at Bon Accord, Pretoria. Properties such as stability, flow, immersion index and indirect tensile strength are not applicable to open graded asphalt mixes.

Average thickness of compacted product (depth of excavation)	Number of bags required per square meter for different thicknesses	Additional overfill per thickness to allow for compaction
20mm	1,92	0,13
25mm	2,38	0,15
30mm	2,86	0,17
35mm	3,33	1,19
40mm	3,84	0,21
45mm	4,30	0,23
50mm	4,76	0,25

Product: Nominal 6.7mm – Open Graded Cold Mix Asphalt

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THE DO-IT-YOURSELF PREMIXED ASPHALT:

Now you can repair or surface your own driveway, parking area, garden path, poolside or any area that you want to keep tidy, clean and free of dust or mud. You can also use a little TPP to repair potholes and trench reinstatement.



Identify the pothole.



Cut a square around the pothole.



Apply tack coat to pothole.



Apply TPP.

NOTES AND STORAGE:

- a) TPP is available in 25kg bags (delivery by road or rail can be arranged on request)
- b) TPP bags should not be stacked on top of each other, but placed side-by-side. This is because the lower layers in the stack tend to compact under the weight of those on top and this reduces workability.
- c) If your bag of TPP has hardened to the extent that it is unworkable, leave the bag out in the sun, until it becomes pliable and then use it as recommended.
- d) Always use TPP surfacing in favourable conditions, (Dry, sunny weather conditions).
- e) If you only need to use half a bag of TPP, you can simply close the bag, keep it under cover for the next application.
- f) If you are applying TPP to a dry and dusty surface, it is advisable to first apply a sprinkling of Emulsion/Prime, before TPP.
- g) It is advisable to sterilise gravel or crushed stone base, by applying weed killer, before surfacing with TPP.

RECOMMENDED BASE REPAIR:

For optimum performance of TPP, it is recommended to use suitable gravel, with a P.I of less than 6.

Add 1.5% cement and mix with stable grade emulsion: Dilute one part emulsion and four parts of water-mix at over-optimum and compact in excavation level with surrounding surface.



Compact material and leave to dry.

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nation through
service, training and
support, whilst creating
opportunities for others.

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