



Overview

The 3 Vessels (APS) is a startup road maintenance provider in Kenya, committed to transforming the country's roads into safe, durable, and connected pathways. The company offers innovative asphalt repair solutions, aiming to revolutionize road maintenance with high-quality products and services.



Mission

To provide cutting-edge cold asphalt repair solutions that enhance the quality and longevity of roads across Kenya, partnering with suppliers and distributors to ensure widespread availability.

We also aim to give employment opportunities in road construction and maintenance to hundreds of unskilled youths through our partnerships with non-profit organisations involved in youth empowerment.





Core Values

01.

Innovation: Embracing creativity and technology to stay ahead.

02.

Reliability: Delivering high-quality, dependable products and services.

03.

Partnership: Building strong relationships with stakeholders.





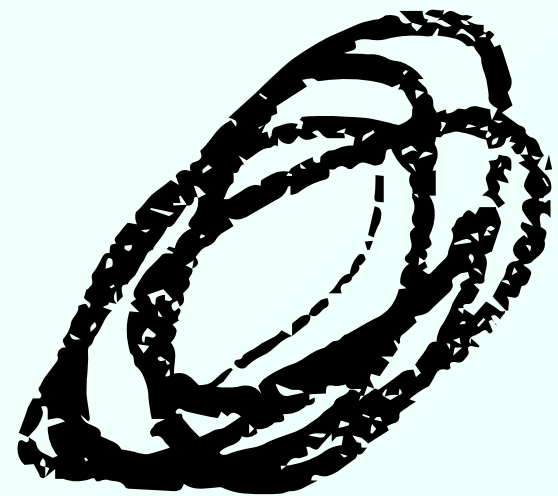
Products

01. APS Pothole Filler

03. APS Base Reinforce

02. APS Crack Filler

04. ABR Sinkhole Fix



Target Market

01 - PUBLIC ROADS

04 - GRAVEL ROADS

02 - AIRSTRIPS

05 - SHOPPING CENTERS

03 - PRIVATE GAME RESERVES

0 -6 MINING ROADS

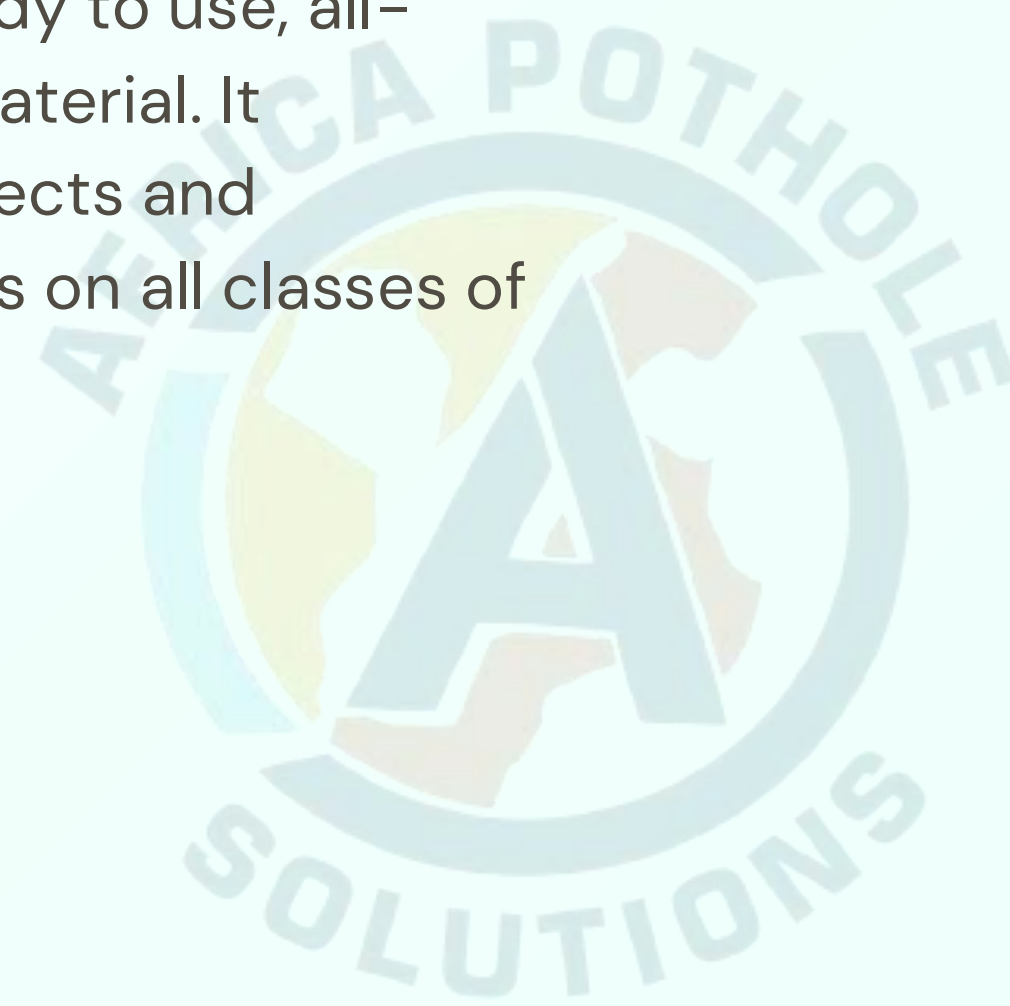




PRODUCT

APS Gold is a solvent-based solution specifically developed as an admixture for the manual repair of potholes and cracks.

The product is an extreme performance, ready to use, all-weather pothole and reinstatement repair material. It permanently fixes potholes and all other defects and reinstates utility cuts and ironwork surrounds on all classes of carriageway.



COMPOSITION

The Product is a solvent-based solution specifically developed as an admixture for the manual repair of potholes and cracks.

The product contains heavy paraffinic solvent extract, thinned to a viscous state with heavy, medium and light Aliphatic Petroleum Solvents.

The formulation also contains lesser quantities of Toluene, Xylene and n-Hexane. The finished product is made up of a Cold Bituminous Binder, Solution Polymer mixed with crushed stone and crusher dust.

Ships in airtight 20-liter plastic containers.



FEATURES

The product can be applied directly into potholes without the need to cut, clear, clean or prime the hole.

The product can be applied in dry and wet conditions. It contains additives that will disperse water and allow the product to adhere to the basin, walls and edges of the pothole.

There is no need to compact the product into the pothole. Light tapping with the back of a spade will suffice. Moving traffic will compact the product tightly into the pothole.

Moving wheels will not lift stones or particles from the pothole surface. The product will harden, even in wet conditions, within one minute from application

The product will adhere tightly to the edges of the pothole, preventing ingress of water, which could lead to adjacent potholing.



APPLICATION PROCEDURE

Step 1

Identify the pothole

Step 2

- Open the Mix container; pour the required amount into the pothole.
- Close the container immediately as solvents could escape and the product may harden prematurely.

Step 3

Spread the product evenly over the pothole leaving about 10mm proud of the surface of the surrounding road surface.

Step 4

Gather any loose stones or particles onto the pothole.

Step 5

Tap gently with the back of a spade.

Step 6

Open the road to moving traffic.



HANDLING PRECAUTION



Safe to handle and no PPE (Personal Protection Equipment) is required. Being a solvent based product, flammable fumes may collect in the headspace of containers. Keep open flames or sparks away from the container, especially when opening it.

Will not stick to your skin. If ingested, do not induce vomiting and obtain medical assistance. May irritate skin with continuous contact.



TECHNICAL DATA & STORAGE INSTRUCTIONS

Appearance: Aggregate mix with a treacle sugar appearance

Colour: Black

Vapour pressure: <10hPa

Viscosity range cSt @ 40o C

Density: 0.886 g/cm³ (ASTM D-92)

Pour point range o C 30oC

Odour: Aromatic

Containers must be kept sealed when not in use. Do not store containers in open sunlight but in a cool dry place under cover. After use, place the lid back on the container to prevent evaporation of solvents. If the container is left open for longer than one minute, the product will harden.



Contact Information

Big or small: We supply any quantity to mines, national road agencies, construction companies, developers, hardware outlets, private smallholdings, farms, game reserves, municipalities, national road agencies etc.

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