



TECHNICAL DATA SHEET

Cold Asphalt (Road Repair)

Cold Asphalt is designed for repairing potholes, cracks, sunken areas, and utility cuts in asphalt or concrete. The product contains a blend of modified asphalts, additives, and specially graded aggregates that will bind to any firm surface.

Cold Asphalt is ready for use. No mixing or tack coat is required. An average repair is completed in minutes. Immediate traffic will compact the product, increasing its durability. The product combines durability, adhesion, and stability in curing.

CHARACTERISTICS

- Single component, easy & instant application.
- Can be used in varying weather conditions.
- Fast curing and allows for immediate trafficking.
- Nontoxic and safe to use.

USES

- Used for repairing potholes, cracks, and utility cuts in highways, streets, parking lots and sidewalks.
- Repairing holes in industrial floors.
- Repairing roads damaged by freezing weather.
- Repairing loading / unloading areas.

APPLICATION

Surface Preparation: Ensure that the surface to be repaired is clean and free from loose material, oil, grease and standing water. Edges of the area to be repaired should be formed vertically as far as possible.

Application: Cold Asphalt is supplied ready to use and does not need any mixing prior to application. Pour the product directly into the pothole to be repaired and spread using a trowel, spatula, rake or shovel to form a layer which is slightly above the level of the surface to be repaired. 50mm single layer can be compacted; if the depth is more than 50mm it shall be compacted in different layers of 50mm or less. Compact the repaired area immediately by tamping, using a mechanical vibratory plate compactor or a road roller for large areas.

Complete hardening takes several hours, depending on the surrounding temperature. Light to medium traffic passing over the repaired area will assist in the compaction of the product without damaging it. In areas where vehicles have to manoeuvre, do not go over the surface that has been repaired until the product has completely hardened.

COMPLYING STANDARD

Cold Asphalt complies with the requirement of ASTM D4215, BS 4987-1.

TECHNICAL DATA

PARAMETERS	TEST METHOD	VALUES
Color	Visual	Black
Percentage passing 2mm, %	ASTM D692	50 - 30
Percentage passing 0.08mm, %	ASTM D546	8 - 4
Residual Binder Content, %	ASTM D2172	4 - 6
Density @ 25°C, g/cc	ASTM D7229	2.1 ± 0.1
Marshall Stability, kgf	AASHTO T245	500 min.
Marshall flow, mm	AASHTO T245	1 - 3
Stiffness, kgf/mm	AASHTO T245	250 min.
Loss of Stability, %	AASHTO T245	30 max.

COVERAGE

The consumption of Cold Asphalt may vary depending on the actual surface conditions and area of application. The typical coverage area per 1m² for 25mm thickness is 57.5 - 62.5 Kgs.

STORAGE & SHELF LIFE

The shelf life of the product is up to 12 months if stored as per the recommendations. Stored at temperatures between 5°C and 45°C in unopened original containers protected from direct sunlight and frost. Store in shaded warehouses away from heat, humidity or moisture.

PACKING

Cold Asphalt is supplied in 25 Kgs metal pails & 25 Kgs paper bags.

HEALTH & SAFETY

PPEs such as coverall, gloves, safety shoes and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.